

Show 528

THE SKEPTIC ZONE PODCAST

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Skepticon 2018 - Part #6



Lee Murray

Dr Pamela Gay

The Skeptic Zone Podcast
Show 528 - 2 December 2018

Skepticon 2018 with
Maynard
Lee Murray
Dr Pamela Gay
Luke Freeman
Dr Vyom Sharma

Anti-Vax PhD in Court Cases

Radio Skeptics
Chemtails
Yowies



1
00:00:11,910 --> 00:00:09,119
welcome to the skeptic zone the podcast

2
00:00:22,650 --> 00:00:11,920
from Australia for science and reason

3
00:00:25,240 --> 00:00:22,660
[Music]

4
00:00:27,970 --> 00:00:25,250
yes it's the skeptics own podcast

5
00:00:29,890 --> 00:00:27,980
episode number 528 for the 2nd of

6
00:00:32,080 --> 00:00:29,900
December 2018

7
00:00:36,550 --> 00:00:32,090
Richard Saul is here with you from an

8
00:00:40,210 --> 00:00:36,560
unknown undisclosed destination location

9
00:00:44,920 --> 00:00:40,220
I should say the past week I have been

10
00:00:48,369 --> 00:00:44,930
hit by a runaway train called the man

11
00:00:51,670 --> 00:00:48,379
flu or something like that not nice not

12
00:00:57,759 --> 00:00:51,680
Pleasant getting back on my feet now

13
00:01:00,280 --> 00:00:57,769

sitting in a car I won't go into it it's

14

00:01:03,790 --> 00:01:00,290

a plane flying overhead a bit mysterious

15

00:01:06,310 --> 00:01:03,800

I know I know but owing to my illness

16

00:01:09,420 --> 00:01:06,320

I've had to grab bits and pieces of time

17

00:01:11,440 --> 00:01:09,430

to put the show together this week

18

00:01:15,010 --> 00:01:11,450

mysterious isn't coming up on this

19

00:01:17,050 --> 00:01:15,020

week's episode more from skeptic on just

20

00:01:21,310 --> 00:01:17,060

last month here in Sydney Australia

21

00:01:23,620 --> 00:01:21,320

Maynard chats to linguist Lee Murray and

22

00:01:25,090 --> 00:01:23,630

what a fascinating woman she is - she's

23

00:01:27,550 --> 00:01:25,100

gonna be talking about linguistic

24

00:01:31,389 --> 00:01:27,560

accommodation Australian English Noam

25

00:01:33,219 --> 00:01:31,399

Chomsky proto languages tonal languages

26
00:01:35,679 --> 00:01:33,229
and all sorts of other things if you

27
00:01:37,899 --> 00:01:35,689
love linguistics this will be an

28
00:01:39,999 --> 00:01:37,909
interesting interview for you and may

29
00:01:42,730 --> 00:01:40,009
not has another chat - dr. Pamela Gay

30
00:01:46,830 --> 00:01:42,740
our favorite astronomer talking about

31
00:01:51,580 --> 00:01:46,840
thinking of others reality TV UFOs and

32
00:01:53,349 --> 00:01:51,590
SETI where are those aliens may not also

33
00:01:55,690 --> 00:01:53,359
catches up with one of the organizers of

34
00:01:59,440 --> 00:01:55,700
skeptic on elude Freeman and dr. vom

35
00:02:02,230 --> 00:01:59,450
Sharma after that it's a report and news

36
00:02:06,910 --> 00:02:02,240
report from Jane Hansen as read by me

37
00:02:09,100 --> 00:02:06,920
about dr. Julie Y Lehman the famed anti

38
00:02:11,680 --> 00:02:09,110

vaccination proponent what's she up to

39

00:02:14,820 --> 00:02:11,690

now then to round off the show and

40

00:02:18,430 --> 00:02:14,830

partly because I've been under the boat

41

00:02:20,800 --> 00:02:18,440

under the boat under the weather which

42

00:02:21,640 --> 00:02:20,810

is probably under the boat still not

43

00:02:24,820 --> 00:02:21,650

thinking clearly

44

00:02:28,809 --> 00:02:24,830

some radio clips are I did a couple

45

00:02:31,240 --> 00:02:28,819

years ago on a Sydney radio talking to

46

00:02:33,500 --> 00:02:31,250

some hosts at two different occasions

47

00:02:36,080 --> 00:02:33,510

the first clip is about Kim

48

00:02:39,259 --> 00:02:36,090

trails or condensation trails and then I

49

00:02:42,350 --> 00:02:39,269

talk about URIs which is the Australian

50

00:02:45,140 --> 00:02:42,360

equivalent of Bigfoot and the dog man

51
00:02:46,729 --> 00:02:45,150
whatever that is but that's enough for

52
00:02:50,059 --> 00:02:46,739
me at the moment while I sit here

53
00:02:51,680 --> 00:02:50,069
watching aeroplanes take off from Sydney

54
00:02:54,080 --> 00:02:51,690
Airport that might give you a clue as to

55
00:02:58,250 --> 00:02:54,090
my current location I think you can hear

56
00:03:00,289 --> 00:02:58,260
it now I mean it would be nice to say to

57
00:03:02,240 --> 00:03:00,299
you I'm on some sort of secret skeptical

58
00:03:04,369 --> 00:03:02,250
mission undercover it's not that

59
00:03:06,470 --> 00:03:04,379
glamorous while I sit here and have

60
00:03:10,950 --> 00:03:06,480
another cup of coffee I hope you enjoy

61
00:03:22,620 --> 00:03:18,240
[Music]

62
00:03:29,880 --> 00:03:27,300
years may not spooky action at a

63
00:03:34,590 --> 00:03:32,880

I focused time to get also known Chomsky

64

00:03:35,760 --> 00:03:34,600

on your right now because I've got Li

65

00:03:37,410 --> 00:03:35,770

with me and I'll make sure I get the

66

00:03:38,100 --> 00:03:37,420

surname correct that's Emily Mary that's

67

00:03:40,380 --> 00:03:38,110

an easy one

68

00:03:42,510 --> 00:03:40,390

Marie Marie like the river yeah okay and

69

00:03:46,800 --> 00:03:42,520

I you as clean as the river that's an

70

00:03:48,630 --> 00:03:46,810

Australian joke no Lucas parts of the

71

00:03:51,300 --> 00:03:48,640

Murray aren't that great oh I thought we

72

00:03:53,100 --> 00:03:51,310

were talking about the Yarra Oh see I'm

73

00:03:55,380 --> 00:03:53,110

from Melbourne when you say River being

74

00:03:58,020 --> 00:03:55,390

dirty that's that's the era yeah is it

75

00:03:59,160 --> 00:03:58,030

got any cleaner I don't know I have to

76

00:04:01,140 --> 00:03:59,170

say I haven't really gone near it I

77

00:04:02,280 --> 00:04:01,150

think it's still a bit Brown Wow what's

78

00:04:04,199 --> 00:04:02,290

your favorite part of Melbourne you know

79

00:04:05,340 --> 00:04:04,209

your Northcote person you like mix it in

80

00:04:07,290 --> 00:04:05,350

with the hipsters or you like to get out

81

00:04:09,570 --> 00:04:07,300

the Pascoe Vale everybody like to do

82

00:04:11,430 --> 00:04:09,580

oh no well I'm from the intercepts oh

83

00:04:13,350 --> 00:04:11,440

I'm from Rance and killed away ah that

84

00:04:15,000 --> 00:04:13,360

is a great place yeah it is super nice

85

00:04:16,949 --> 00:04:15,010

we've got the beach right there we've

86

00:04:18,960 --> 00:04:16,959

got heaps of trees Oh still got heaps at

87

00:04:21,870 --> 00:04:18,970

night life or people knocking it back a

88

00:04:23,130 --> 00:04:21,880

bit well I'm a little bit away from the

89

00:04:25,260 --> 00:04:23,140

partisan killed over has all the

90

00:04:28,200 --> 00:04:25,270

nightlife in it thankfully I'm in a nice

91

00:04:30,150 --> 00:04:28,210

sort of quiet pocket so no we don't get

92

00:04:31,260 --> 00:04:30,160

too much of that thankfully well the

93

00:04:33,600 --> 00:04:31,270

reason we're talking to you is because

94

00:04:36,659 --> 00:04:33,610

we're all about linguistic accommodation

95

00:04:38,610 --> 00:04:36,669

which is now I would define that is I've

96

00:04:40,980 --> 00:04:38,620

been listening to some American podcasts

97

00:04:43,500 --> 00:04:40,990

so first of all I've started to do

98

00:04:46,710 --> 00:04:43,510

things in feet ninjas for start not good

99

00:04:48,240 --> 00:04:46,720

for engineers and second thing is I used

100

00:04:50,280 --> 00:04:48,250

to say nuclear and now I'm starting to

101
00:04:53,640 --> 00:04:50,290
say nuclear I'm dividing it up into

102
00:04:55,350 --> 00:04:53,650
three now am I is that me learning how

103
00:04:56,460 --> 00:04:55,360
they speak and taking it into is that

104
00:04:58,530 --> 00:04:56,470
accommodation or not

105
00:05:00,270 --> 00:04:58,540
well accommodations usually happening in

106
00:05:01,860 --> 00:05:00,280
the course of a conversation so you

107
00:05:03,780 --> 00:05:01,870
might be accommodating to me now or I

108
00:05:05,580 --> 00:05:03,790
might be accommodating to you if it

109
00:05:07,170 --> 00:05:05,590
happens longer term we'd probably just

110
00:05:10,230 --> 00:05:07,180
consider that part of you changing your

111
00:05:11,969 --> 00:05:10,240
language in general oh yeah so is there

112
00:05:13,500 --> 00:05:11,979
any hard and fast rule as to who

113
00:05:15,390 --> 00:05:13,510

accommodates - who is that the person

114

00:05:17,250 --> 00:05:15,400

who starts speaking first is it has it

115

00:05:18,690 --> 00:05:17,260

worked oh I don't know about hard and

116

00:05:20,700 --> 00:05:18,700

fast rules but usually when people

117

00:05:22,110 --> 00:05:20,710

change the way they talk to adapt to

118

00:05:24,510 --> 00:05:22,120

someone it's because it's someone who

119

00:05:26,610 --> 00:05:24,520

has more power than they do or someone

120

00:05:29,610 --> 00:05:26,620

who has sort of a highest status than

121

00:05:32,219 --> 00:05:29,620

they have a lot of the time because I

122

00:05:34,260 --> 00:05:32,229

definitely accommodate when I'm talking

123

00:05:36,420 --> 00:05:34,270

to people who were who might be at

124

00:05:38,610 --> 00:05:36,430

mechanics or something like that and and

125

00:05:40,260 --> 00:05:38,620

people that are that are doing somewhere

126

00:05:41,640 --> 00:05:40,270

I consider real work

127

00:05:44,040 --> 00:05:41,650

and I go into their workshop and they're

128

00:05:47,189 --> 00:05:44,050

talking in a certain way I start to talk

129

00:05:49,200 --> 00:05:47,199

like that just - I don't know - so I

130

00:05:50,279 --> 00:05:49,210

don't seem like some uppity goose like

131

00:05:52,110 --> 00:05:50,289

coming in and Goku

132

00:05:54,600 --> 00:05:52,120

I would like my tire change thank you I

133

00:05:56,010 --> 00:05:54,610

just talk a little bit more colloquially

134

00:05:57,960 --> 00:05:56,020

as I'm not quite sure yeah yeah it's

135

00:05:59,219 --> 00:05:57,970

totally true it only the power thing

136

00:06:01,020 --> 00:05:59,229

kind of kicks in on the when it's on a

137

00:06:03,300 --> 00:06:01,030

larger scale or a longer term scale in

138

00:06:05,879 --> 00:06:03,310

person it's just to do with decreasing

139

00:06:07,080 --> 00:06:05,889

social distance so it doesn't really

140

00:06:09,390 --> 00:06:07,090

matter the status of the person you're

141

00:06:10,650 --> 00:06:09,400

talking to but if you want them to like

142

00:06:11,850 --> 00:06:10,660

you or if you want to get along better

143

00:06:13,230 --> 00:06:11,860

with them you'll start to sound like

144

00:06:15,689 --> 00:06:13,240

them and half the time you won't notice

145

00:06:17,820 --> 00:06:15,699

you're doing it yeah is it much of a is

146

00:06:19,469 --> 00:06:17,830

it actually much of a problem or not I

147

00:06:21,029 --> 00:06:19,479

don't think so I think it helps people

148

00:06:22,499 --> 00:06:21,039

to get along better with each other and

149

00:06:24,240 --> 00:06:22,509

anything that helps people to

150

00:06:26,879 --> 00:06:24,250

communicate more easily is a good thing

151

00:06:28,409 --> 00:06:26,889

in my book I don't know will it be the

152

00:06:30,450 --> 00:06:28,419

best place to observe this would you be

153

00:06:31,740 --> 00:06:30,460

to go to a place where people are having

154

00:06:33,059 --> 00:06:31,750

to have something done or go to a

155

00:06:34,260 --> 00:06:33,069

university where people are talking to

156

00:06:37,200 --> 00:06:34,270

their professor it's a good place we

157

00:06:38,700 --> 00:06:37,210

could observe this in action or many

158

00:06:41,129 --> 00:06:38,710

places it's a question of where you can

159

00:06:43,830 --> 00:06:41,139

go without it being creepy yes creepy

160

00:06:46,110 --> 00:06:43,840

factor yes so you can always sit in a

161

00:06:47,820 --> 00:06:46,120

cafe and eavesdrop on the people behind

162

00:06:51,899 --> 00:06:47,830

you I like to tell my students it's not

163

00:06:53,879 --> 00:06:51,909

creepy if it's ethnography or on a date

164

00:06:55,800 --> 00:06:53,889

if you're out on a date with someone and

165

00:06:57,120 --> 00:06:55,810

specifically a first date because

166

00:06:58,379 --> 00:06:57,130

everyone's trying to work out both

167

00:07:00,240 --> 00:06:58,389

parties might be trying to work out

168

00:07:02,820 --> 00:07:00,250

what's going on or not even if they do

169

00:07:04,170 --> 00:07:02,830

or don't like the person so and you have

170

00:07:06,420 --> 00:07:04,180

been sitting at a cafe when there's a

171

00:07:07,770 --> 00:07:06,430

obviously a first date going on and it's

172

00:07:09,390 --> 00:07:07,780

almost hilarious the level of

173

00:07:11,129 --> 00:07:09,400

awkwardness that all of us do on that

174

00:07:13,439 --> 00:07:11,139

situation because you try to present

175

00:07:14,820 --> 00:07:13,449

your your best self and Tim Fergus and I

176

00:07:16,110 --> 00:07:14,830

said so what was it what was it like on

177

00:07:17,670 --> 00:07:16,120

the first date with your wife he said I

178

00:07:19,350 --> 00:07:17,680

was the most charming beautiful person

179

00:07:22,230 --> 00:07:19,360

in the entire world I've never been so

180

00:07:24,270 --> 00:07:22,240

more charming than that evening yeah so

181

00:07:25,950 --> 00:07:24,280

you know people work really hard yeah

182

00:07:26,909 --> 00:07:25,960

it's really interesting to see that kind

183

00:07:28,559 --> 00:07:26,919

of thing happened with people meeting

184

00:07:30,059 --> 00:07:28,569

for the first time because then you've

185

00:07:31,529 --> 00:07:30,069

got this huge difference between say a

186

00:07:32,969 --> 00:07:31,539

couple on their first date and a couple

187

00:07:35,399 --> 00:07:32,979

of been married for years where they

188

00:07:37,140 --> 00:07:35,409

just say nothing you're just staring at

189

00:07:38,339 --> 00:07:37,150

each other and it seems like disdain but

190

00:07:40,499 --> 00:07:38,349

no that's that's just what you'd get

191

00:07:42,360 --> 00:07:40,509

after 30 years that and they're just

192

00:07:43,709 --> 00:07:42,370

really comfortable with each other so

193

00:07:45,240 --> 00:07:43,719

there's not so much or there might be

194

00:07:46,649 --> 00:07:45,250

some interruption or whatever else but

195

00:07:48,360 --> 00:07:46,659

no one cares they flip back and forth

196

00:07:49,439 --> 00:07:48,370

all the time whereas on the first date

197

00:07:50,790 --> 00:07:49,449

you've got all the uncomfortable

198

00:07:52,959 --> 00:07:50,800

silences and the accidental

199

00:07:55,119 --> 00:07:52,969

interruptions and they're all sorry yeah

200

00:07:56,949 --> 00:07:55,129

yeah because I was I was always like I

201
00:07:58,929 --> 00:07:56,959
was always like jumping in too quickly

202
00:08:01,419 --> 00:07:58,939
to fill a gap and that's probably one of

203
00:08:03,039 --> 00:08:01,429
the worst things you can do yes because

204
00:08:04,419 --> 00:08:03,049
you feel the silences are awkward rather

205
00:08:06,069 --> 00:08:04,429
than just the other person coming up

206
00:08:06,729 --> 00:08:06,079
with what they're going to say hmm yeah

207
00:08:09,219 --> 00:08:06,739
absolutely

208
00:08:11,019 --> 00:08:09,229
any advice then for a first date first

209
00:08:12,789 --> 00:08:11,029
date linguistic conversation what's the

210
00:08:14,409 --> 00:08:12,799
best way and please don't say be

211
00:08:15,909 --> 00:08:14,419
yourself you can do it so you think

212
00:08:19,179 --> 00:08:15,919
girls look better bond yeah but I don't

213
00:08:21,819 --> 00:08:19,189

want to be me don't mimic their accent

214

00:08:24,100 --> 00:08:21,829

on purpose they'll know ah right okay

215

00:08:27,009 --> 00:08:24,110

yes they will because they they know

216

00:08:28,119 --> 00:08:27,019

their accent yes my typically you know

217

00:08:29,499 --> 00:08:28,129

they might think you're mocking their

218

00:08:31,139 --> 00:08:29,509

racial group or something as well

219

00:08:33,219 --> 00:08:31,149

exactly exactly

220

00:08:35,290 --> 00:08:33,229

okay well that's what's really good

221

00:08:37,420 --> 00:08:35,300

advice people so look again lifestyle

222

00:08:38,889 --> 00:08:37,430

tips here at the skeptic zone and have

223

00:08:39,879 --> 00:08:38,899

you found the conference this weekend

224

00:08:41,949 --> 00:08:39,889

because a lot of people have been

225

00:08:43,540 --> 00:08:41,959

talking about various aspects of it that

226

00:08:46,179 --> 00:08:43,550

they've liked but what have you got out

227

00:08:47,619 --> 00:08:46,189

of it oh it's great I think the audience

228

00:08:49,689 --> 00:08:47,629

is a really really friendly audience

229

00:08:51,400 --> 00:08:49,699

they're really patient they're really

230

00:08:53,230 --> 00:08:51,410

happy to come up and chat to you and

231

00:08:54,819 --> 00:08:53,240

actually have I been asking you first

232

00:08:56,379 --> 00:08:54,829

date tips obviously I've been getting a

233

00:08:58,299 --> 00:08:56,389

lot of people ask me if I can tell them

234

00:09:01,960 --> 00:08:58,309

where they're from by listening to them

235

00:09:05,079 --> 00:09:01,970

are you that good ah depends I can get

236

00:09:07,449 --> 00:09:05,089

indication sometimes but no I'm not it's

237

00:09:09,340 --> 00:09:07,459

not like a magic trick and what you're

238

00:09:11,350 --> 00:09:09,350

you've got a degree in linguistics or

239

00:09:13,449 --> 00:09:11,360

what exactly is that you've got yes I am

240

00:09:14,710 --> 00:09:13,459

most of the way through a PhD in

241

00:09:16,299 --> 00:09:14,720

linguistics but I specialize in

242

00:09:18,340 --> 00:09:16,309

Australian English and I specialize in

243

00:09:20,860 --> 00:09:18,350

how Australian English is different Wow

244

00:09:22,900 --> 00:09:20,870

so as Noam Chomsky still revered as the

245

00:09:24,220 --> 00:09:22,910

guy or to some people consider me a bit

246

00:09:25,269 --> 00:09:24,230

of a snob because the way carries on

247

00:09:28,660 --> 00:09:25,279

outside the field of linguistics

248

00:09:30,400 --> 00:09:28,670

sometimes well I think his work was

249

00:09:32,650 --> 00:09:30,410

earlier on and it was quite foundational

250

00:09:34,329 --> 00:09:32,660

but I think since then since he's

251

00:09:35,949 --> 00:09:34,339

stepped off and move off into politics

252

00:09:37,389 --> 00:09:35,959

other linguists have stepped in and

253

00:09:38,829 --> 00:09:37,399

they've been refining his theories ever

254

00:09:40,150 --> 00:09:38,839

since mm-hmm and the reason we don't

255

00:09:42,369 --> 00:09:40,160

know about them is just they haven't

256

00:09:43,900 --> 00:09:42,379

gone into other areas and gone America

257

00:09:46,299 --> 00:09:43,910

must dial whatever he's on about this

258

00:09:47,499 --> 00:09:46,309

week yes exactly everyone else is still

259

00:09:50,740 --> 00:09:47,509

on their way to getting published

260

00:09:52,540 --> 00:09:50,750

yep Wow and so he sees shadow

261

00:09:54,369 --> 00:09:52,550

necessarily a bad one because all your

262

00:09:56,980 --> 00:09:54,379

linguistic so you must be an extreme

263

00:10:00,850 --> 00:09:56,990

communist no I have to say you're the

264

00:10:02,110 --> 00:10:00,860

first person who's ever said but I'm the

265

00:10:04,490 --> 00:10:02,120

cutting edge you know

266

00:10:06,260 --> 00:10:04,500

because I always felt I was it his

267

00:10:07,940 --> 00:10:06,270

name's very sticky as well that's part

268

00:10:10,070 --> 00:10:07,950

of it too like you don't know Chomsky is

269

00:10:11,570 --> 00:10:10,080

like it's like a a book you'd expect to

270

00:10:16,700 --> 00:10:11,580

see that on a book cover in an airport

271

00:10:18,080 --> 00:10:16,710

with an action novel 47 yes all written

272

00:10:19,700 --> 00:10:18,090

on a garden gnome there's a whole series

273

00:10:21,680 --> 00:10:19,710

of garden gnomes that are noam chomsky

274

00:10:23,120 --> 00:10:21,690

that's pretty funny too yes well it is I

275

00:10:25,820 --> 00:10:23,130

am one of the few linguists on the

276

00:10:27,410 --> 00:10:25,830

planet earth hates puns though um do

277

00:10:29,030 --> 00:10:27,420

they normally like them because I can

278

00:10:30,620 --> 00:10:29,040

see why it hate them because look I know

279

00:10:31,940 --> 00:10:30,630

Stephen Fry says they're a legitimate

280

00:10:33,560 --> 00:10:31,950

form of humor and I'll go with that

281

00:10:35,690 --> 00:10:33,570

Christie's he's been to university

282

00:10:39,290 --> 00:10:35,700

longer than me but I understand why you

283

00:10:41,780 --> 00:10:39,300

wouldn't because what if people keep one

284

00:10:44,900 --> 00:10:41,790

after the other puns is just one's okay

285

00:10:46,580 --> 00:10:44,910

but they tend to come in a group yes now

286

00:10:48,550 --> 00:10:46,590

I think linguists are generally fond of

287

00:10:50,900 --> 00:10:48,560

playing with words and fun with words

288

00:10:54,050 --> 00:10:50,910

okay so I don't know I think I'm an

289

00:10:55,970 --> 00:10:54,060

aberration so can you explain what your

290

00:10:58,340 --> 00:10:55,980

PhD is about at this point is it about

291

00:11:00,140 --> 00:10:58,350

the accommodation of language it's not

292

00:11:02,660 --> 00:11:00,150

strictly about accommodation I'm looking

293

00:11:04,100 --> 00:11:02,670

at how how Australian English is

294

00:11:06,260 --> 00:11:04,110

different from place to place in between

295

00:11:08,690 --> 00:11:06,270

different social groups but I'm more

296

00:11:10,850 --> 00:11:08,700

interested in what other people think

297

00:11:13,490 --> 00:11:10,860

about that so what can people who are

298

00:11:15,110 --> 00:11:13,500

not linguists actually tell about where

299

00:11:16,760 --> 00:11:15,120

someone's from or who they are based on

300

00:11:19,580 --> 00:11:16,770

how they talk are you incorporating

301
00:11:22,130 --> 00:11:19,590
indigenous language into this I'm not

302
00:11:23,900 --> 00:11:22,140
for this particular stage I'm hoping

303
00:11:25,520 --> 00:11:23,910
once the PhD is over I can then go on

304
00:11:26,930 --> 00:11:25,530
into that yes because that were just

305
00:11:29,180 --> 00:11:26,940
sort of complicated because there may be

306
00:11:30,770 --> 00:11:29,190
multiple languages that have to get yeah

307
00:11:33,740 --> 00:11:30,780
you Levin diagram would be getting

308
00:11:35,600 --> 00:11:33,750
pretty big yes the PhD has to be about

309
00:11:37,430 --> 00:11:35,610
something really really really tiny and

310
00:11:39,680 --> 00:11:37,440
specific okay and then you write a book

311
00:11:41,930 --> 00:11:39,690
about it yeah and okay once you've

312
00:11:43,280 --> 00:11:41,940
graduated as a PhD linguist with a

313
00:11:44,870 --> 00:11:43,290

master's or what have you got all those

314

00:11:47,210 --> 00:11:44,880

things lots of things afternoon high

315

00:11:49,040 --> 00:11:47,220

distinction I'm sure and and then what

316

00:11:50,510 --> 00:11:49,050

do you do with that I'm a how does one

317

00:11:52,150 --> 00:11:50,520

get employment in that obviously I'm

318

00:11:54,860 --> 00:11:52,160

thinking you could work for a dictionary

319

00:11:56,750 --> 00:11:54,870

and and then that's in my little small

320

00:11:58,160 --> 00:11:56,760

eight brain runs out of ideas but

321

00:12:00,080 --> 00:11:58,170

there's published a whole world of

322

00:12:00,380 --> 00:12:00,090

things a linguist can do tell us what

323

00:12:03,440 --> 00:12:00,390

they are

324

00:12:05,030 --> 00:12:03,450

well lots of us go into academia so we

325

00:12:06,410 --> 00:12:05,040

stay in the university or we teach and

326

00:12:08,210 --> 00:12:06,420

we do research and all that sort of

327

00:12:09,980 --> 00:12:08,220

thing some people go into government

328

00:12:12,260 --> 00:12:09,990

work looking at language policy

329

00:12:14,690 --> 00:12:12,270

particular education policy like when

330

00:12:16,780 --> 00:12:14,700

you're looking at remember the big

331

00:12:19,190 --> 00:12:16,790

a little while ago about teaching

332

00:12:20,660 --> 00:12:19,200

Aboriginal kids only English in school

333

00:12:25,040 --> 00:12:20,670

and refusing to teach them in their own

334

00:12:26,360 --> 00:12:25,050

languages mm-hmm that a racist thing or

335

00:12:27,860 --> 00:12:26,370

was that a practical thing like they

336

00:12:29,450 --> 00:12:27,870

couldn't find anyone that could do both

337

00:12:32,420 --> 00:12:29,460

what were they what was their argument

338

00:12:34,120 --> 00:12:32,430

for that I think their argument was that

339

00:12:37,400 --> 00:12:34,130

English is a more important language

340

00:12:40,400 --> 00:12:37,410

overall but there was also any resources

341

00:12:42,620 --> 00:12:40,410

I guess you could say but but if they're

342

00:12:44,060 --> 00:12:42,630

in their own communities yeah and then

343

00:12:45,980 --> 00:12:44,070

you've got the whole element of culture

344

00:12:47,740 --> 00:12:45,990

because obviously for Aboriginal people

345

00:12:51,800 --> 00:12:47,750

there's this really close link between

346

00:12:53,630 --> 00:12:51,810

people land country and language and if

347

00:12:55,430 --> 00:12:53,640

you deprive them of their language then

348

00:12:57,080 --> 00:12:55,440

you've disrupted that you've disrupted

349

00:12:58,670 --> 00:12:57,090

that cultural connection they've got and

350

00:13:00,470 --> 00:12:58,680

so that's something we need to respect

351

00:13:01,790 --> 00:13:00,480

as we keep going as well and so that's

352

00:13:03,530 --> 00:13:01,800

another thing that linguists are doing

353

00:13:05,420 --> 00:13:03,540

is actually trying to keep these

354

00:13:07,520 --> 00:13:05,430

languages alive trying to document them

355

00:13:09,170 --> 00:13:07,530

before they die out because so many

356

00:13:10,730 --> 00:13:09,180

indigenous languages are disappearing I

357

00:13:12,500 --> 00:13:10,740

was only speaking yesterday that

358

00:13:13,700 --> 00:13:12,510

indigenous language is that how many we

359

00:13:15,020 --> 00:13:13,710

lost and so we don't know because

360

00:13:17,510 --> 00:13:15,030

they're lost so we don't know what's fun

361

00:13:19,490 --> 00:13:17,520

we've lost but a language construction I

362

00:13:20,630 --> 00:13:19,500

kind of like in indigenous languages I

363

00:13:22,580 --> 00:13:20,640

don't know if it's common to all of them

364

00:13:25,550 --> 00:13:22,590

is that you just do a plural by saying

365

00:13:27,560 --> 00:13:25,560

the word twice so it crow is vulgar many

366

00:13:28,730 --> 00:13:27,570

crows is wagga wagga that that's just a

367

00:13:30,350 --> 00:13:28,740

great idea I mean yeah you don't get

368

00:13:33,200 --> 00:13:30,360

specific with how many but you know it's

369

00:13:34,580 --> 00:13:33,210

more than one yeah that's that is really

370

00:13:35,960 --> 00:13:34,590

interesting I couldn't tell you off the

371

00:13:37,400 --> 00:13:35,970

top of my head how many Australian

372

00:13:39,140 --> 00:13:37,410

languages do it but yeah it's definitely

373

00:13:40,160 --> 00:13:39,150

a thing yeah because I've never heard

374

00:13:41,780 --> 00:13:40,170

that anywhere else in the world I mean

375

00:13:44,840 --> 00:13:41,790

probably has been used elsewhere but

376

00:13:46,190 --> 00:13:44,850

it's not a bad idea yes it's um there

377

00:13:48,050 --> 00:13:46,200

are lots of ways that Aboriginal

378

00:13:50,420 --> 00:13:48,060

languages are actually more complex and

379

00:13:52,820 --> 00:13:50,430

more interesting than English which is a

380

00:13:54,860 --> 00:13:52,830

bit of people who are monolingual

381

00:13:56,180 --> 00:13:54,870

English speakers tend to think that they

382

00:13:58,190 --> 00:13:56,190

speak the most sophisticated language

383

00:13:59,390 --> 00:13:58,200

but there's one really cool thing that

384

00:14:00,860 --> 00:13:59,400

you can do in a lot of Australian

385

00:14:03,710 --> 00:14:00,870

languages that you can't do in English

386

00:14:06,140 --> 00:14:03,720

is that if you say we as in the pronoun

387

00:14:09,350 --> 00:14:06,150

you have choices that mean we all of us

388

00:14:10,940 --> 00:14:09,360

or we all of us except you ah so if

389

00:14:13,630 --> 00:14:10,950

someone's getting in trouble look yeah

390

00:14:17,060 --> 00:14:13,640

that's a great way to do it yeah yeah

391

00:14:19,460 --> 00:14:17,070

and people go on about the is the

392

00:14:21,410 --> 00:14:19,470

romantic languages or the where it's

393

00:14:23,660 --> 00:14:21,420

Latin Spanish French those I'm sorry not

394

00:14:25,970 --> 00:14:23,670

Latin that's the dead language yeah

395

00:14:27,470 --> 00:14:25,980

French Spanish and everything um those

396

00:14:28,850 --> 00:14:27,480

loves languages are just as good

397

00:14:30,350 --> 00:14:28,860

descriptively as in

398

00:14:31,850 --> 00:14:30,360

is there anything they do better or not

399

00:14:35,420 --> 00:14:31,860

or as English got an edge because we've

400

00:14:37,010 --> 00:14:35,430

stolen stuff from everybody I don't know

401
00:14:39,410 --> 00:14:37,020
about better they're probably a little

402
00:14:40,670 --> 00:14:39,420
bit easier to pick up in terms of

403
00:14:41,990 --> 00:14:40,680
remembering what's regular and what

404
00:14:44,300 --> 00:14:42,000
isn't because English is made up mostly

405
00:14:45,740 --> 00:14:44,310
of exceptions okay and that gets really

406
00:14:48,470 --> 00:14:45,750
difficult for people who are learning it

407
00:14:50,300 --> 00:14:48,480
as a second language there isn't really

408
00:14:52,460 --> 00:14:50,310
anything that a particular language does

409
00:14:54,140 --> 00:14:52,470
better than any other sort of so all

410
00:14:55,550 --> 00:14:54,150
languages are going to do everything you

411
00:14:56,750 --> 00:14:55,560
need in order to communicate and they

412
00:14:58,760 --> 00:14:56,760
just do it slightly differently

413
00:15:00,350 --> 00:14:58,770

so you've got all these people we've got

414

00:15:02,570 --> 00:15:00,360

economists putting out articles about

415

00:15:04,370 --> 00:15:02,580

languages the inverted commas don't have

416

00:15:06,140 --> 00:15:04,380

a past tense or don't have a future

417

00:15:08,230 --> 00:15:06,150

tense and how people who speak those

418

00:15:11,450 --> 00:15:08,240

languages are no good at saving money

419

00:15:13,250 --> 00:15:11,460

and it's just that's so look the

420

00:15:14,630 --> 00:15:13,260

economists should learn to subtract for

421

00:15:16,340 --> 00:15:14,640

start they just think that if something

422

00:15:17,690 --> 00:15:16,350

goes wrong oh that's gonna cost this

423

00:15:20,060 --> 00:15:17,700

much and everything just goes up you

424

00:15:22,100 --> 00:15:20,070

don't take away stuff akan economists

425

00:15:24,290 --> 00:15:22,110

must learn to subtract yeah

426

00:15:27,560 --> 00:15:24,300

I think yes economists must learn to

427

00:15:31,010 --> 00:15:27,570

also just do economics I think yeah yeah

428

00:15:33,950 --> 00:15:31,020

it's so many issues with that kind of

429

00:15:35,480 --> 00:15:33,960

thinking but one of the big ones is just

430

00:15:38,420 --> 00:15:35,490

because the definition of tense is that

431

00:15:39,890 --> 00:15:38,430

it's marked on a verb so you can say

432

00:15:41,240 --> 00:15:39,900

they don't have a part of a future tense

433

00:15:42,560 --> 00:15:41,250

that's just because they're expressing

434

00:15:44,000 --> 00:15:42,570

it in some other way it's not that it's

435

00:15:45,530 --> 00:15:44,010

not there it's just that it's not on

436

00:15:46,880 --> 00:15:45,540

your verb so there's an example of the

437

00:15:48,820 --> 00:15:46,890

dunning-kruger effect we've got

438

00:15:50,600 --> 00:15:48,830

economists cutting your grass

439

00:15:53,710 --> 00:15:50,610

linguistically is that what's going on

440

00:15:56,210 --> 00:15:53,720

there dunning-kruger absolutely it's

441

00:15:58,190 --> 00:15:56,220

something that we come up fairly calm

442

00:16:00,680 --> 00:15:58,200

come up with fairly commonly or come up

443

00:16:03,230 --> 00:16:00,690

against fairly commonly because everyone

444

00:16:05,030 --> 00:16:03,240

can talk everyone speaks the language so

445

00:16:07,760 --> 00:16:05,040

everyone's confident that they know just

446

00:16:09,830 --> 00:16:07,770

as much about this as we do and well for

447

00:16:10,700 --> 00:16:09,840

a sociolinguists like me I love to hear

448

00:16:12,500 --> 00:16:10,710

what other people have to say about

449

00:16:14,810 --> 00:16:12,510

language because I'm most interested in

450

00:16:16,160 --> 00:16:14,820

how other people perceive it mm-hmm

451

00:16:19,070 --> 00:16:16,170

rather than just what it looks like

452

00:16:20,720 --> 00:16:19,080

taken away from everything else what's

453

00:16:23,210 --> 00:16:20,730

the oldest spoken language that we've

454

00:16:24,740 --> 00:16:23,220

got any record of it would we have be

455

00:16:26,660 --> 00:16:24,750

able to have a go at speaking Sumerian

456

00:16:28,160 --> 00:16:26,670

for example it would be ballad what that

457

00:16:30,200 --> 00:16:28,170

would have sounded like at all oh I

458

00:16:31,730 --> 00:16:30,210

don't actually know what the earlier

459

00:16:33,260 --> 00:16:31,740

recording one is we do have entire

460

00:16:35,120 --> 00:16:33,270

fields historical linguistics looks

461

00:16:36,950 --> 00:16:35,130

exactly this kind of thing trying to

462

00:16:39,710 --> 00:16:36,960

trace things back so I know that we've

463

00:16:41,780 --> 00:16:39,720

gone back to we've got records going

464

00:16:42,500 --> 00:16:41,790

back as far as whatever the languages

465

00:16:45,439 --> 00:16:42,510

that I don't remember

466

00:16:47,360 --> 00:16:45,449

or that I've never learned okay but

467

00:16:49,519 --> 00:16:47,370

because we know things about how

468

00:16:51,110 --> 00:16:49,529

languages change over time how sounds

469

00:16:52,730 --> 00:16:51,120

tend to change and how grammar tends to

470

00:16:54,620 --> 00:16:52,740

change we can kind of take what we've

471

00:16:55,639 --> 00:16:54,630

got and work backwards so what linguists

472

00:16:58,220 --> 00:16:55,649

have done is they've tried to

473

00:17:00,110 --> 00:16:58,230

reconstruct this language that languages

474

00:17:03,050 --> 00:17:00,120

have come from and we call those proto

475

00:17:06,020 --> 00:17:03,060

to languages yeah that's great

476

00:17:07,789 --> 00:17:06,030

yeah I'm fascinated by the Japanese

477

00:17:10,069 --> 00:17:07,799

language just the way their construction

478

00:17:12,199 --> 00:17:10,079

is just out of the park I can't get my

479

00:17:13,640 --> 00:17:12,209

brain around it at all but as I said a

480

00:17:15,140 --> 00:17:13,650

small light brain what is the language

481

00:17:16,400 --> 00:17:15,150

that fascinates you is there one that

482

00:17:19,460 --> 00:17:16,410

you know you might not necessarily study

483

00:17:21,020 --> 00:17:19,470

big oh man that is just under the table

484

00:17:22,880 --> 00:17:21,030

that language it's like what's going on

485

00:17:24,770 --> 00:17:22,890

there Oh interesting

486

00:17:28,280 --> 00:17:24,780

I actually think I'd really like to

487

00:17:30,560 --> 00:17:28,290

learn more of Chinese of Mandarin or

488

00:17:32,120 --> 00:17:30,570

Cantonese because I find languages with

489

00:17:34,010 --> 00:17:32,130

tones and them to be really interesting

490

00:17:37,400 --> 00:17:34,020

where you have we changed the pitch and

491

00:17:39,590 --> 00:17:37,410

that actually changes the sound means

492

00:17:43,070 --> 00:17:39,600

I've been trying to say in the morning

493

00:17:44,780 --> 00:17:43,080

in Cantonese it's it's a song but I'm

494

00:17:46,340 --> 00:17:44,790

that that's what it looks like that's

495

00:17:48,440 --> 00:17:46,350

what it sounds like but I'm hitting all

496

00:17:49,820 --> 00:17:48,450

the wrong bits and so I would say that

497

00:17:51,140 --> 00:17:49,830

to someone and they would have no they

498

00:17:53,120 --> 00:17:51,150

wouldn't even know what one of the words

499

00:17:56,480 --> 00:17:53,130

was because I'm not hitting it yeah yeah

500

00:17:58,250 --> 00:17:56,490

it's I'm so so bad at tones I'm

501
00:17:59,480 --> 00:17:58,260
constantly saying to my students did I

502
00:18:01,130 --> 00:17:59,490
get your name right did I get that right

503
00:18:04,250 --> 00:18:01,140
and they go yeah it's fine it wasn't

504
00:18:05,870 --> 00:18:04,260
fine they're just being nice yes I look

505
00:18:08,539 --> 00:18:05,880
up at the public with Jobe in amou I'm

506
00:18:10,520 --> 00:18:08,549
like I have to think a cow at the end of

507
00:18:12,380 --> 00:18:10,530
the name so it's oh it's been a it's

508
00:18:13,580 --> 00:18:12,390
been a moon like that and light and I'll

509
00:18:14,720 --> 00:18:13,590
get then I'll get it wrong and great

510
00:18:16,880 --> 00:18:14,730
I've remembered the wrong pronunciation

511
00:18:18,950 --> 00:18:16,890
and all that kind of thing and I know

512
00:18:19,940 --> 00:18:18,960
and because in my business names is

513
00:18:22,010 --> 00:18:19,950

everything you've got to actually

514

00:18:25,970 --> 00:18:22,020

pronounce names right and I get it wrong

515

00:18:27,440 --> 00:18:25,980

so many times yes I'm sure I'm listening

516

00:18:30,289 --> 00:18:27,450

it's just the recording and the memory

517

00:18:32,150 --> 00:18:30,299

of its problem yeah yeah and then

518

00:18:34,340 --> 00:18:32,160

minutes in a different language that's a

519

00:18:35,960 --> 00:18:34,350

totally different thing yeah where can

520

00:18:37,190 --> 00:18:35,970

we find out more about your PhD what

521

00:18:40,580 --> 00:18:37,200

you're studying maybe we could finish

522

00:18:42,650 --> 00:18:40,590

the PhD for you don't clicker I'm good

523

00:18:44,600 --> 00:18:42,660

for lazy ten minutes I can help ya zu

524

00:18:46,640 --> 00:18:44,610

crowdsource a PhD if everyone takes a

525

00:18:49,700 --> 00:18:46,650

paragraph we'll be good

526

00:18:53,539 --> 00:18:49,710

no you can find me on Twitter at Murray

527

00:18:56,090 --> 00:18:53,549

Lee a but a you can find my website at

528

00:18:57,860 --> 00:18:56,100

Lee Murray don't ID today you

529

00:18:59,000 --> 00:18:57,870

cool and so next time when you're

530

00:19:00,230 --> 00:18:59,010

talking to someone see how much you're

531

00:19:02,180 --> 00:19:00,240

accommodating to their language

532

00:19:03,740 --> 00:19:02,190

particularly if it's a first date and

533

00:19:06,140 --> 00:19:03,750

remember what are we not to do don't

534

00:19:07,250 --> 00:19:06,150

don't attempt their accent Chris you

535

00:19:12,169 --> 00:19:07,260

you're thoughtful think you're mocking

536

00:19:14,270 --> 00:19:12,179

though look okay I'm talking to someone

537

00:19:15,890 --> 00:19:14,280

now because dr. Pamela gay and I love

538

00:19:17,570 --> 00:19:15,900

the fact that the hosts for one your

539

00:19:19,580 --> 00:19:17,580

podcast is Fraser Krang because I just

540

00:19:21,140 --> 00:19:19,590

in Frayser of the show and I think if

541

00:19:22,490 --> 00:19:21,150

that guy's sitting there and I know it's

542

00:19:24,080 --> 00:19:22,500

not a good image to have but that's what

543

00:19:25,730 --> 00:19:24,090

I think when he says that you know well

544

00:19:27,350 --> 00:19:25,740

and he's had no end of problems because

545

00:19:29,750 --> 00:19:27,360

he can't have a Wikipedia page because

546

00:19:32,360 --> 00:19:29,760

it keeps getting marked as fictional and

547

00:19:35,330 --> 00:19:32,370

withdrawn because he's not according to

548

00:19:36,799 --> 00:19:35,340

the internet a real person because I'm

549

00:19:38,659 --> 00:19:36,809

pretty much a fictional character I have

550

00:19:41,419 --> 00:19:38,669

no problem but he has someone else who

551
00:19:43,070 --> 00:19:41,429
has a fictional name um exactly and it's

552
00:19:44,750 --> 00:19:43,080
just like this guy doing awesome science

553
00:19:46,549 --> 00:19:44,760
in Canada just can't get a break

554
00:19:48,710 --> 00:19:46,559
and it goes in the background you can

555
00:19:51,740 --> 00:19:48,720
hear everyone talking because it's been

556
00:19:52,880 --> 00:19:51,750
a pretty successful skeptic on 2018 how

557
00:19:56,180 --> 00:19:52,890
did your talks go

558
00:19:58,700 --> 00:19:56,190
I think they went well the audience told

559
00:20:02,240 --> 00:19:58,710
me they went well I it was one of these

560
00:20:05,029 --> 00:20:02,250
things where the world is on fire and I

561
00:20:08,480 --> 00:20:05,039
tried to take on the nose some of the

562
00:20:10,310 --> 00:20:08,490
issues that is is out there right now

563
00:20:13,820 --> 00:20:10,320

the issues that we're dealing with with

564

00:20:15,799 --> 00:20:13,830

climate change with unconscious bias in

565

00:20:18,200 --> 00:20:15,809

the work force and with two different

566

00:20:20,390 --> 00:20:18,210

talking slots we could hit a whole lot

567

00:20:22,640 --> 00:20:20,400

of dark topics but I think I managed to

568

00:20:24,680 --> 00:20:22,650

end each of them with a bit of joy and

569

00:20:26,779 --> 00:20:24,690

did you catch women's woo with a Trish

570

00:20:28,520 --> 00:20:26,789

am i there she was talking about Gwyneth

571

00:20:30,260 --> 00:20:28,530

Paltrow and her sort of stuff and that

572

00:20:32,390 --> 00:20:30,270

kind of thing I mean yeah it's like

573

00:20:35,330 --> 00:20:32,400

that's that's really obvious marketing

574

00:20:36,620 --> 00:20:35,340

and based on a self-esteem isn't it

575

00:20:39,110 --> 00:20:36,630

really

576

00:20:41,690 --> 00:20:39,120

yeah and and I hate to say it's not just

577

00:20:45,790 --> 00:20:41,700

oh yeah that goes to men as well it goes

578

00:20:50,030 --> 00:20:45,800

to everybody it the fact that we use

579

00:20:51,680 --> 00:20:50,040

self-esteem to advertise we are saying

580

00:20:55,370 --> 00:20:51,690

there is something wrong with you that

581

00:20:58,670 --> 00:20:55,380

this product will fix that kind of hurts

582

00:21:01,160 --> 00:20:58,680

my soul that instead of saying hey do

583

00:21:03,950 --> 00:21:01,170

this because it brings pleasure because

584

00:21:06,470 --> 00:21:03,960

it brings happiness do this because

585

00:21:09,560 --> 00:21:06,480

there's something wrong with you that to

586

00:21:11,570 --> 00:21:09,570

me is just a way of making our society

587

00:21:13,340 --> 00:21:11,580

feel worse about themselves and

588

00:21:17,150 --> 00:21:13,350

manipulating them with it because it is

589

00:21:19,940 --> 00:21:17,160

yeah it it's too much of history human

590

00:21:21,950 --> 00:21:19,950

history is defined by people subject

591

00:21:24,380 --> 00:21:21,960

putting people into subjugation by

592

00:21:26,570 --> 00:21:24,390

saying there is something wrong with you

593

00:21:30,440 --> 00:21:26,580

your skin is too dark you have sinned

594

00:21:34,070 --> 00:21:30,450

too much from religion classism to color

595

00:21:36,500 --> 00:21:34,080

we constantly find new ways to to say

596

00:21:38,570 --> 00:21:36,510

I'm better than you and sell products so

597

00:21:40,250 --> 00:21:38,580

that you can pretend to be as good as me

598

00:21:41,480 --> 00:21:40,260

look panelists be another reason you got

599

00:21:43,610 --> 00:21:41,490

rid of the television out of your house

600

00:21:45,020 --> 00:21:43,620

because the reality TV is completely

601
00:21:47,150 --> 00:21:45,030
based on that you kick someone off the

602
00:21:50,060 --> 00:21:47,160
island you you're picking on people it's

603
00:21:51,500 --> 00:21:50,070
basically all about that and and this is

604
00:21:53,780 --> 00:21:51,510
where we have to be careful to separate

605
00:21:57,140 --> 00:21:53,790
between reality TV like Big Brother and

606
00:21:59,150 --> 00:21:57,150
survivor and the really good competitive

607
00:22:00,770 --> 00:21:59,160
shows that are out there there there

608
00:22:03,890 --> 00:22:00,780
have been some for costuming there have

609
00:22:07,340 --> 00:22:03,900
been some and and when you offer someone

610
00:22:10,130 --> 00:22:07,350
a career at the end of it based on how

611
00:22:12,680 --> 00:22:10,140
well they were able to accomplish tasks

612
00:22:14,660 --> 00:22:12,690
when the playing field was leveled I can

613
00:22:17,990 --> 00:22:14,670

totally get behind watching an hour's

614

00:22:20,360 --> 00:22:18,000

worth of creativity but an hour's worth

615

00:22:22,070 --> 00:22:20,370

of people demeaning each other to see

616

00:22:22,640 --> 00:22:22,080

how they can mentally manipulate each

617

00:22:25,520 --> 00:22:22,650

other

618

00:22:27,650 --> 00:22:25,530

life's too short certainly yeah and and

619

00:22:29,570 --> 00:22:27,660

TV look I got rid of it as well because

620

00:22:30,800 --> 00:22:29,580

and also we're talking about the news

621

00:22:32,480 --> 00:22:30,810

cycle you're getting hammered by the

622

00:22:34,100 --> 00:22:32,490

news cycle all the time and the news

623

00:22:34,850 --> 00:22:34,110

isn't changing its changing if something

624

00:22:36,410 --> 00:22:34,860

bad has happened

625

00:22:38,720 --> 00:22:36,420

you want to know about it but you don't

626
00:22:39,950 --> 00:22:38,730
need to know about the intimate damage

627
00:22:41,090 --> 00:22:39,960
that's been done to the people's lives

628
00:22:41,890 --> 00:22:41,100
in the background because you know

629
00:22:43,660 --> 00:22:41,900
that's going to happen

630
00:22:46,450 --> 00:22:43,670
anyway and they go into details of it

631
00:22:49,240 --> 00:22:46,460
and makes it very hurtful and we're in a

632
00:22:51,790 --> 00:22:49,250
world where it's so easy to not just

633
00:22:53,590 --> 00:22:51,800
talk about the house fire down the

634
00:22:56,430 --> 00:22:53,600
street but to talk about the house fires

635
00:22:59,860 --> 00:22:56,440
on the other side of the nation and

636
00:23:02,080 --> 00:22:59,870
while I greatly appreciate how the

637
00:23:04,000 --> 00:23:02,090
Internet has made the world so small I'm

638
00:23:05,710 --> 00:23:04,010

I'm an American from the Midwest

639

00:23:09,520 --> 00:23:05,720

currently sitting in Sydney Australia

640

00:23:11,890 --> 00:23:09,530

and I couldn't live the life I live if

641

00:23:16,360 --> 00:23:11,900

the internet didn't shrink the spaces

642

00:23:17,950 --> 00:23:16,370

between us but at the same time we live

643

00:23:21,550 --> 00:23:17,960

in a world that is so much safer than

644

00:23:24,040 --> 00:23:21,560

it's ever been on average but the amount

645

00:23:29,260 --> 00:23:24,050

that we hear about murder and rape and

646

00:23:30,820 --> 00:23:29,270

death it's it's too much and we do need

647

00:23:32,380 --> 00:23:30,830

to be aware of what's going on we do

648

00:23:35,350 --> 00:23:32,390

need to be aware of their free gia

649

00:23:38,200 --> 00:23:35,360

crisis we do need to be aware of what's

650

00:23:42,490 --> 00:23:38,210

going on with the various religious wars

651
00:23:44,470 --> 00:23:42,500
and genocides and all these problems but

652
00:23:46,690 --> 00:23:44,480
we don't need to be aware all the time

653
00:23:47,920 --> 00:23:46,700
look we'll just finish up with UFOs

654
00:23:49,330 --> 00:23:47,930
because that's how I started when we

655
00:23:51,340 --> 00:23:49,340
bumped it on Friday night and I do

656
00:23:53,200 --> 00:23:51,350
recommend that UFOs reframing the debate

657
00:23:54,280 --> 00:23:53,210
I looked up who it was it was Richard

658
00:23:56,020 --> 00:23:54,290
someone there's a whole bunch of essays

659
00:23:57,460 --> 00:23:56,030
much of which you would probably dismiss

660
00:23:58,990 --> 00:23:57,470
a scientific hooey but they're

661
00:24:01,150 --> 00:23:59,000
interesting thought experiments okay

662
00:24:02,860 --> 00:24:01,160
yeah and and so when people come at you

663
00:24:05,230 --> 00:24:02,870

from all angles about UFOs over the

664

00:24:07,240 --> 00:24:05,240

years and alien life and that kind of

665

00:24:09,580 --> 00:24:07,250

thing and what is your good answer to

666

00:24:11,200 --> 00:24:09,590

them because if I go I'll be able yeah

667

00:24:12,520 --> 00:24:11,210

sure you say you can't travel faster

668

00:24:14,590 --> 00:24:12,530

than light but if you go in between the

669

00:24:18,600 --> 00:24:14,600

spaces and stuff like that and you've

670

00:24:23,530 --> 00:24:18,610

got to say well the spaces of what yeah

671

00:24:27,040 --> 00:24:23,540

at the end of the day I we are able to

672

00:24:29,740 --> 00:24:27,050

detect so many different existing

673

00:24:31,570 --> 00:24:29,750

satellites so many existing asteroids

674

00:24:35,200 --> 00:24:31,580

because of how they block out the

675

00:24:38,890 --> 00:24:35,210

background sunlight and these are rare

676
00:24:43,240 --> 00:24:38,900
events and we haven't seen any of these

677
00:24:45,640 --> 00:24:43,250
that didn't match something known with

678
00:24:47,290 --> 00:24:45,650
all of our explorations sunlight is

679
00:24:49,630 --> 00:24:47,300
gonna catch off of one of these suckers

680
00:24:51,890 --> 00:24:49,640
and every time we see something we can

681
00:24:55,590 --> 00:24:51,900
figure out what it is

682
00:24:57,330 --> 00:24:55,600
now space is vast and it is a great

683
00:25:00,539 --> 00:24:57,340
paradox why we haven't found an

684
00:25:03,270 --> 00:25:00,549
intelligent life out there yet why I is

685
00:25:06,419 --> 00:25:03,280
it that we don't see colonization why is

686
00:25:08,130 --> 00:25:06,429
that we don't see dyson sphere's this is

687
00:25:10,140 --> 00:25:08,140
one of the great scientific mysteries

688
00:25:11,610 --> 00:25:10,150

because if there were scientists if

689

00:25:15,480 --> 00:25:11,620

there were scientifically advanced

690

00:25:17,220 --> 00:25:15,490

civilizations out there we're fairly

691

00:25:21,150 --> 00:25:17,230

young there should be older ones out

692

00:25:23,250 --> 00:25:21,160

there now as a scientist if my science

693

00:25:25,049 --> 00:25:23,260

tells me there should be aliens and I

694

00:25:27,180 --> 00:25:25,059

don't detect aliens and I have to say

695

00:25:31,320 --> 00:25:27,190

this is a paradox and a problem I'm

696

00:25:33,810 --> 00:25:31,330

probably not keeping aliens secret know

697

00:25:34,980 --> 00:25:33,820

our military constantly surprises us

698

00:25:36,919 --> 00:25:34,990

with the things they built in a

699

00:25:41,730 --> 00:25:36,929

warehouse that no one was looking in and

700

00:25:43,950 --> 00:25:41,740

anytime someone talks about a faux I

701
00:25:47,070 --> 00:25:43,960
bring up examples of things like for a

702
00:25:49,919 --> 00:25:47,080
while there was a triangular dirigible

703
00:25:53,760 --> 00:25:49,929
that was used as a heavy lift vehicle it

704
00:25:55,980 --> 00:25:53,770
moved on paths that took it over mostly

705
00:25:58,230 --> 00:25:55,990
empty farmlands but it regularly got

706
00:25:59,970 --> 00:25:58,240
spotted and it was an investigative

707
00:26:03,620 --> 00:25:59,980
reporter that was able to piece together

708
00:26:06,299 --> 00:26:03,630
oh wait here are these declassified

709
00:26:09,870 --> 00:26:06,309
competitive plans to get funding to do a

710
00:26:11,700 --> 00:26:09,880
heavy lift dirigible design what if and

711
00:26:15,690 --> 00:26:11,710
oh yeah that's exactly what this has

712
00:26:16,890 --> 00:26:15,700
been and so all these triangular UFOs

713
00:26:20,750 --> 00:26:16,900

that had been spotted

714

00:26:23,909 --> 00:26:20,760

instead of being high moving highly

715

00:26:29,190 --> 00:26:23,919

maneuverable high altitude vehicles were

716

00:26:31,560 --> 00:26:29,200

very low slow close moving dirigible

717

00:26:33,210 --> 00:26:31,570

well see it's it's always something like

718

00:26:36,240 --> 00:26:33,220

that isn't it usually unfortunately yeah

719

00:26:38,070 --> 00:26:36,250

it usually is and it turns out that that

720

00:26:40,710 --> 00:26:38,080

in some ways is far more fascinating

721

00:26:42,000 --> 00:26:40,720

than UFOs how do you guys get on with

722

00:26:43,799 --> 00:26:42,010

SETI because you're all competing for

723

00:26:45,210 --> 00:26:43,809

similar funding now dude you like chuck

724

00:26:46,200 --> 00:26:45,220

rocks over the fence that Seth or

725

00:26:49,680 --> 00:26:46,210

whatever his name is everyone's like

726
00:26:51,330 --> 00:26:49,690
mate that's not really strong to me have

727
00:26:53,250 --> 00:26:51,340
a lot of really good friends over at the

728
00:26:55,020 --> 00:26:53,260
SETI Institute in Mountain View and

729
00:26:57,600 --> 00:26:55,030
they're doing some really good science

730
00:26:59,400 --> 00:26:57,610
the thing we have to remember is

731
00:27:03,060 --> 00:26:59,410
the the study folks search for

732
00:27:05,550 --> 00:27:03,070
extraterrestrial intelligence folks I or

733
00:27:09,720 --> 00:27:05,560
search for extraterrestrial intelligent

734
00:27:12,990 --> 00:27:09,730
Institute I they are actually trying to

735
00:27:16,110 --> 00:27:13,000
define what is the evidence in an

736
00:27:18,960 --> 00:27:16,120
atmosphere of an atmosphere that is out

737
00:27:21,390 --> 00:27:18,970
of equilibrium and there's evidence of

738
00:27:25,040 --> 00:27:21,400

bacterial life so is the methane on Mars

739

00:27:27,500 --> 00:27:25,050

an indicator of bacteria is the earth

740

00:27:30,720 --> 00:27:27,510

chemistry at the surface of Titan

741

00:27:32,250 --> 00:27:30,730

evidence of life on Titan it's the

742

00:27:35,340 --> 00:27:32,260

people working at the SETI Institute

743

00:27:40,830 --> 00:27:35,350

that are doing the detailed astrobiology

744

00:27:43,500 --> 00:27:40,840

research that are studying a high acid

745

00:27:45,540 --> 00:27:43,510

high temperature cold temperature these

746

00:27:47,370 --> 00:27:45,550

extreme environments on earth to try and

747

00:27:50,160 --> 00:27:47,380

understand what are all the forms life

748

00:27:53,340 --> 00:27:50,170

can come in there's amazing science to

749

00:27:55,470 --> 00:27:53,350

be done in the lead up to figuring out

750

00:27:56,760 --> 00:27:55,480

is it safe for us to go to other worlds

751

00:27:58,830 --> 00:27:56,770

without fearing that we're gonna be

752

00:28:01,920 --> 00:27:58,840

genocide or whatever might be there is

753

00:28:03,240 --> 00:28:01,930

it possible that there's life in more

754

00:28:05,610 --> 00:28:03,250

extreme environments than we ever

755

00:28:08,670 --> 00:28:05,620

imagined study institutes figuring out

756

00:28:10,650 --> 00:28:08,680

all of this and you know if they're

757

00:28:13,640 --> 00:28:10,660

using radio telescopes now and then to

758

00:28:16,740 --> 00:28:13,650

piggyback on the back of scientists to

759

00:28:17,280 --> 00:28:16,750

look for radio signals as well I'm good

760

00:28:19,770 --> 00:28:17,290

with that

761

00:28:22,080 --> 00:28:19,780

I heard you're your companion at Frasier

762

00:28:25,500 --> 00:28:22,090

Crane on a UFO podcast a few weeks back

763

00:28:27,600 --> 00:28:25,510

and that was a again mirror image that

764

00:28:29,340 --> 00:28:27,610

we've got the kooky skeptic Don and he's

765

00:28:30,900 --> 00:28:29,350

gonna come on he's not gonna believe me

766

00:28:32,460 --> 00:28:30,910

there's Stephon every polite to him and

767

00:28:34,590 --> 00:28:32,470

everything but he was like treated like

768

00:28:36,930 --> 00:28:34,600

you know he was the outlier because he

769

00:28:38,550 --> 00:28:36,940

wasn't in on the on the UFO stuff and it

770

00:28:39,930 --> 00:28:38,560

was fascinating to hear that and he was

771

00:28:41,640 --> 00:28:39,940

rational and they were a rational with

772

00:28:44,970 --> 00:28:41,650

each other but there was just no meeting

773

00:28:47,160 --> 00:28:44,980

in the middle man it's when we can have

774

00:28:50,040 --> 00:28:47,170

rational dialogues that I have hope for

775

00:28:51,930 --> 00:28:50,050

the future and and the thing about that

776

00:28:53,940 --> 00:28:51,940

is there's always the people listening

777

00:28:56,580 --> 00:28:53,950

who are on the fence and when they can

778

00:28:59,910 --> 00:28:56,590

hear a rational dialogue between people

779

00:29:02,780 --> 00:28:59,920

who are fervent believers in one side of

780

00:29:05,040 --> 00:29:02,790

an unproven argument or another we can't

781

00:29:06,540 --> 00:29:05,050

definitively prove that we haven't been

782

00:29:08,520 --> 00:29:06,550

visited by aliens and we can't

783

00:29:10,290 --> 00:29:08,530

definitively prove that we have

784

00:29:12,240 --> 00:29:10,300

this is a question of belief it's a

785

00:29:14,550 --> 00:29:12,250

question of how do you look at the

786

00:29:16,320 --> 00:29:14,560

probabilities and decide what has or

787

00:29:20,760 --> 00:29:16,330

hasn't happened and who you choose to

788

00:29:23,490 --> 00:29:20,770

believe and it's the people on the fence

789

00:29:24,990 --> 00:29:23,500

who can listen to this and decide you

790

00:29:26,820 --> 00:29:25,000

know I'm gonna listen to the

791

00:29:28,830 --> 00:29:26,830

psychologists when I hear about these

792

00:29:31,110 --> 00:29:28,840

people talking about alien deductions

793

00:29:32,790 --> 00:29:31,120

and understand this is probably someone

794

00:29:35,790 --> 00:29:32,800

that has something terrible happened but

795

00:29:38,220 --> 00:29:35,800

it wasn't aliens and I'm gonna help them

796

00:29:41,880 --> 00:29:38,230

get help instead of encouraging them to

797

00:29:43,620 --> 00:29:41,890

join all of these alien societies well

798

00:29:45,300 --> 00:29:43,630

thank you very much for coming you of

799

00:29:46,710 --> 00:29:45,310

some of the best private conversations

800

00:29:48,540 --> 00:29:46,720

I've had this weekend of being with you

801
00:29:50,490 --> 00:29:48,550
dr. Pamela Gay and please come back to

802
00:29:51,930 --> 00:29:50,500
Australia again and say later Fraser

803
00:29:55,140 --> 00:29:51,940
crane for me because he did a great job

804
00:29:56,700 --> 00:29:55,150
on that UFO show thank you so much it's

805
00:29:58,290 --> 00:29:56,710
always a pleasure being here and always

806
00:30:00,660 --> 00:29:58,300
a pleasure being interviewed by you like

807
00:30:02,310 --> 00:30:00,670
my suit I love your suit you actually an

808
00:30:04,200 --> 00:30:02,320
iridescent suit that was better though

809
00:30:06,030 --> 00:30:04,210
I'm gonna say your iridescent was better

810
00:30:08,850 --> 00:30:06,040
I'll work harder next time thank you all

811
00:30:10,050 --> 00:30:08,860
right Aiko's backstage you go and the

812
00:30:11,550 --> 00:30:10,060
people who's making the whole thing go

813
00:30:13,650 --> 00:30:11,560

look how's it going how's it smoothly

814

00:30:15,840 --> 00:30:13,660

going there you catch me halfway through

815

00:30:17,370 --> 00:30:15,850

singing crowded house but otherwise

816

00:30:19,230 --> 00:30:17,380

everything's going well this is it quiet

817

00:30:20,850 --> 00:30:19,240

as it's been all day yes of course good

818

00:30:23,180 --> 00:30:20,860

area runs out the reading lamingtons and

819

00:30:26,490 --> 00:30:23,190

Tim Tams yes sir I get to troubleshoot

820

00:30:28,590 --> 00:30:26,500

clickers and Max and Keynote so they all

821

00:30:30,030 --> 00:30:28,600

run stuff and has it been much trouble

822

00:30:32,070 --> 00:30:30,040

if people tried to load stuff and it's

823

00:30:34,230 --> 00:30:32,080

gone arm that the USB doesn't quite work

824

00:30:35,550 --> 00:30:34,240

well a couple of minor things but to be

825

00:30:37,830 --> 00:30:35,560

honest this is probably the smoothness

826

00:30:39,930 --> 00:30:37,840

that we run wow this is backstage that's

827

00:30:40,980 --> 00:30:39,940

what we want to hear keep going I'll let

828

00:30:42,900 --> 00:30:40,990

you get back to your crowded house

829

00:30:44,520 --> 00:30:42,910

singing and how come crowded house don't

830

00:30:46,170 --> 00:30:44,530

sing chocolate cake enough that's my

831

00:30:48,060 --> 00:30:46,180

favourites I'm not a big crowded house

832

00:30:49,560 --> 00:30:48,070

fan but chocolate cake my favorite song

833

00:30:52,050 --> 00:30:49,570

of theirs and they don't give that song

834

00:30:53,970 --> 00:30:52,060

enough do well you know their way around

835

00:30:56,850 --> 00:30:53,980

that you just play a different song when

836

00:30:59,400 --> 00:30:56,860

you own your device that's true yeah

837

00:31:00,840 --> 00:30:59,410

like like Raj hits Fred I'm too sexy

838

00:31:01,140 --> 00:31:00,850

it's almost the same song as chocolate

839

00:31:03,870 --> 00:31:01,150

cake

840

00:31:05,250 --> 00:31:03,880

sure hey I'll let you get back to doing

841

00:31:07,320 --> 00:31:05,260

some character doing some work there

842

00:31:08,910 --> 00:31:07,330

he's working he's an actual work I'm

843

00:31:11,130 --> 00:31:08,920

like many I just wander around mumbling

844

00:31:14,550 --> 00:31:11,140

into a microphone claiming that it's

845

00:31:16,110 --> 00:31:14,560

some sort of work job I have here we go

846

00:31:18,480 --> 00:31:16,120

now how did you go yesterday on stage

847

00:31:21,120 --> 00:31:18,490

there sir the panel was a fantastic

848

00:31:22,590 --> 00:31:21,130

experience it was really well

849

00:31:23,940 --> 00:31:22,600

yeah it's Brad did a really good job

850

00:31:25,470 --> 00:31:23,950

moderating what can I say a lot of fun

851

00:31:27,060 --> 00:31:25,480

learnt a lot of things too now you on

852

00:31:28,860 --> 00:31:27,070

today again yes that's right I'm just

853

00:31:30,870 --> 00:31:28,870

about to go on stage and give my talk

854

00:31:32,190 --> 00:31:30,880

for the next 30 minutes yeah Wow okay

855

00:31:34,170 --> 00:31:32,200

and what's your topic I haven't looked

856

00:31:38,130 --> 00:31:34,180

it up on my cheat sheet the topic is

857

00:31:39,630 --> 00:31:38,140

what doctors don't know yes okay and

858

00:31:41,160 --> 00:31:39,640

what is the one thing you often knew you

859

00:31:43,020 --> 00:31:41,170

did that you don't is there some sort of

860

00:31:45,540 --> 00:31:43,030

breakthrough which should be fantastic

861

00:31:47,100 --> 00:31:45,550

for us to have as a society that we

862

00:31:48,150 --> 00:31:47,110

haven't quite got what's the one thing I

863

00:31:49,620 --> 00:31:48,160

mean it's almost like you'd love to be

864

00:31:51,060 --> 00:31:49,630

psychic but we know that doesn't exist

865

00:31:54,690 --> 00:31:51,070

yeah so what's the thing you'd like that

866

00:31:57,330 --> 00:31:54,700

would really help your job I think if we

867

00:32:00,180 --> 00:31:57,340

could find good meaning meaningful

868

00:32:02,130 --> 00:32:00,190

practical solutions to obesity I think

869

00:32:04,530 --> 00:32:02,140

that would cause massive changes in

870

00:32:05,940 --> 00:32:04,540

public health and it's funny isn't it

871

00:32:08,100 --> 00:32:05,950

that's really not a human biological

872

00:32:10,020 --> 00:32:08,110

solution necessarily often it's a social

873

00:32:11,910 --> 00:32:10,030

political one well sugar tastes really

874

00:32:13,920 --> 00:32:11,920

good and that's part of the problem

875

00:32:15,720 --> 00:32:13,930

isn't it that's right exactly right and

876

00:32:17,280 --> 00:32:15,730

so it's a bit of a struggle and we need

877

00:32:19,830 --> 00:32:17,290

to kind of get more doctors onside with

878

00:32:21,510 --> 00:32:19,840

that I think a lot already are but you

879

00:32:22,590 --> 00:32:21,520

know of course there are breakthroughs

880

00:32:24,270 --> 00:32:22,600

that we're hoping and wishing for

881

00:32:26,040 --> 00:32:24,280

particularly in metastatic cancer in

882

00:32:28,380 --> 00:32:26,050

general where and there's so much

883

00:32:30,510 --> 00:32:28,390

research kind of going on there and we

884

00:32:31,770 --> 00:32:30,520

just we just hope all the smart people I

885

00:32:33,390 --> 00:32:31,780

know as a general practitioner you've

886

00:32:35,670 --> 00:32:33,400

got to be polite but it's it's quite

887

00:32:37,950 --> 00:32:35,680

funny when you talk to people and you

888

00:32:39,930 --> 00:32:37,960

find out the story about how they how it

889

00:32:42,000 --> 00:32:39,940

all led up to that point often you go

890

00:32:44,130 --> 00:32:42,010

yeah turns out it's not so simple about

891

00:32:45,960 --> 00:32:44,140

as going well it happened because you

892

00:32:47,820 --> 00:32:45,970

took this bad decision bad decisions

893

00:32:49,890 --> 00:32:47,830

happened for several other reasons and

894

00:32:51,000 --> 00:32:49,900

you learn very quickly I think in

895

00:32:52,950 --> 00:32:51,010

general practice to get out of the blame

896

00:32:55,440 --> 00:32:52,960

game and get into there well how do we

897

00:32:57,060 --> 00:32:55,450

fix this game if that is going so if you

898

00:32:58,500 --> 00:32:57,070

can't make general wide sweeping

899

00:32:59,610 --> 00:32:58,510

statements about people without any

900

00:33:02,220 --> 00:32:59,620

evidence what's the point of being a

901
00:33:04,200 --> 00:33:02,230
doctor I don't know I'm trying to figure

902
00:33:21,460 --> 00:33:04,210
that out myself actually yeah we go

903
00:33:25,640 --> 00:33:24,050
today this dr. Karl Karl Chris must be

904
00:33:27,920 --> 00:33:25,650
proud to be skeptic and you can find out

905
00:33:32,720 --> 00:33:27,930
more about me at dr. Karl calm and get

906
00:33:49,340 --> 00:33:46,480
[Music]

907
00:33:51,320 --> 00:33:49,350
is a story that comes to us from Jane

908
00:33:56,210 --> 00:33:51,330
Hansen writing in The Sunday Telegraph

909
00:34:00,080 --> 00:33:56,220
on the 25th of November 2018 auntie VAX

910
00:34:07,400 --> 00:34:00,090
activist charges parents \$4,000 for

911
00:34:10,099 --> 00:34:07,410
quote expert reporter for Empire an anti

912
00:34:13,849 --> 00:34:10,109
vaccination activist with no medical

913
00:34:16,460 --> 00:34:13,859

training is charging \$4,000 for a quote

914

00:34:18,590 --> 00:34:16,470

expert report and quote to parents in

915

00:34:20,200 --> 00:34:18,600

court cases to help parents who do not

916

00:34:23,450 --> 00:34:20,210

want to have their children vaccinated

917

00:34:26,030 --> 00:34:23,460

the Sunday Telegraph can reveal that dr.

918

00:34:28,040 --> 00:34:26,040

Judy Y Lehman has been involved in four

919

00:34:30,770 --> 00:34:28,050

separate court cases of estranged

920

00:34:32,810 --> 00:34:30,780

parents where one parent does not wish

921

00:34:36,080 --> 00:34:32,820

to vaccinate the children but the other

922

00:34:38,659 --> 00:34:36,090

parent does dr. Wiley man also charges

923

00:34:42,139 --> 00:34:38,669

one hundred and fifty dollars an hour as

924

00:34:43,849 --> 00:34:42,149

an expert witness however her doctorate

925

00:34:45,470 --> 00:34:43,859

was in humanities and was

926
00:34:48,470 --> 00:34:45,480
controversially awarded by the

927
00:34:51,230 --> 00:34:48,480
University of Wollongong in 2016 amid

928
00:34:54,280 --> 00:34:51,240
harsh criticism from the scientific and

929
00:34:57,950 --> 00:34:54,290
medical community her thesis argued

930
00:35:00,290 --> 00:34:57,960
vaccination was a conspiracy Australian

931
00:35:02,780 --> 00:35:00,300
Medical Association president dr. Tony

932
00:35:06,200 --> 00:35:02,790
Bartone II blasted dr. Wylie man's

933
00:35:08,960 --> 00:35:06,210
claims as irresponsible quote it's

934
00:35:11,240 --> 00:35:08,970
disgusting her claims are ridiculous and

935
00:35:13,240 --> 00:35:11,250
like any basis in science or medicine

936
00:35:15,770 --> 00:35:13,250
end quote dr. Barr Toni said

937
00:35:17,890 --> 00:35:15,780
immunologist and president of Friends of

938
00:35:20,990 --> 00:35:17,900

science in medicine professor John Dwyer

939

00:35:22,970 --> 00:35:21,000

said if courts allowed dr. Wiley men to

940

00:35:24,859 --> 00:35:22,980

be an expert witness there was something

941

00:35:26,990 --> 00:35:24,869

wrong with the legal system while

942

00:35:29,290 --> 00:35:27,000

federal health Minister Greg Hunt said

943

00:35:31,670 --> 00:35:29,300

parents needed to listen to quote

944

00:35:34,010 --> 00:35:31,680

undisputed medical advice end quote and

945

00:35:37,160 --> 00:35:34,020

dr. Wiley means research was not

946

00:35:39,470 --> 00:35:37,170

credible dr. Walley man was contacted

947

00:35:42,620 --> 00:35:39,480

but declined to answer our specific

948

00:35:44,840 --> 00:35:42,630

questions instead defending herself in a

949

00:35:47,190 --> 00:35:44,850

series of emails she claimed the purpose

950

00:35:49,410 --> 00:35:47,200

of this article was to quote

951
00:35:52,079 --> 00:35:49,420
great my work with false and simplistic

952
00:35:54,390 --> 00:35:52,089
allegations about my academic arguments

953
00:35:56,700 --> 00:35:54,400
men quote quote the report you have been

954
00:35:59,849 --> 00:35:56,710
given is only one part of a very

955
00:36:02,099 --> 00:35:59,859
detailed report that was presented in a

956
00:36:04,230 --> 00:36:02,109
court case and it is a fully reference

957
00:36:06,569 --> 00:36:04,240
document the scientific and political

958
00:36:08,760 --> 00:36:06,579
arguments that I have presented in court

959
00:36:11,400 --> 00:36:08,770
are in support of the public's right to

960
00:36:14,099 --> 00:36:11,410
choose in vaccination end quote she

961
00:36:15,810 --> 00:36:14,109
wrote quote this information needs open

962
00:36:18,270 --> 00:36:15,820
and public debate end quote

963
00:36:20,700 --> 00:36:18,280

she then went on to threaten legal

964

00:36:23,520 --> 00:36:20,710

action if the Sunday Telegraph published

965

00:36:25,530 --> 00:36:23,530

a story that included quote simplistic

966

00:36:28,740 --> 00:36:25,540

and misleading statements about my

967

00:36:32,520 --> 00:36:28,750

report and quote and accused the paper

968

00:36:43,380 --> 00:36:32,530

of quote incompetence and quote spelt I

969

00:36:45,180 --> 00:36:43,390

in Co MP et aan see and that story comes

970

00:36:48,540 --> 00:36:45,190

to us from Jane Hansen who you will

971

00:36:52,050 --> 00:36:48,550

recall won the inaugural Barry Williams

972

00:36:57,750 --> 00:36:52,060

prize for skeptical journalism just last

973

00:36:59,609 --> 00:36:57,760

month at skeptic on here in Sydney I'll

974

00:37:02,150 --> 00:36:59,619

link to this report in this week's show

975

00:37:02,160 --> 00:37:16,050

[Music]

976
00:37:21,550 --> 00:37:19,420
hey fellow skeptics in Medford here with

977
00:37:23,500 --> 00:37:21,560
Celeste reward your friendly host of

978
00:37:25,450 --> 00:37:23,510
starting the strange a podcast that

979
00:37:28,690 --> 00:37:25,460
looks at topics ranging from legends

980
00:37:30,640 --> 00:37:28,700
panics and cryptids to myths psychology

981
00:37:32,770 --> 00:37:30,650
and folklore breaking things down and

982
00:37:34,960 --> 00:37:32,780
picking things apart as we skeptics do

983
00:37:37,540 --> 00:37:34,970
we bring a few different perspectives on

984
00:37:39,640 --> 00:37:37,550
things pleasure for example is a witty

985
00:37:42,010 --> 00:37:39,650
cartoonist and Ben is a brilliant writer

986
00:37:43,720 --> 00:37:42,020
and longtime skeptical investigator we

987
00:37:46,240 --> 00:37:43,730
don't always agree well we have fun

988
00:37:48,460 --> 00:37:46,250

trying and we learn new things join us

989

00:37:50,800 --> 00:37:48,470

for new topics every week or two or

990

00:37:54,040 --> 00:37:50,810

browse our backlog of evergreen episodes

991

00:37:56,170 --> 00:37:54,050

available on iTunes and all your podcast

992

00:38:02,480 --> 00:37:56,180

feeding troughs squaring the strange

993

00:38:15,900 --> 00:38:07,640

[Music]

994

00:38:17,460 --> 00:38:15,910

which brings us to our section where

995

00:38:20,130 --> 00:38:17,470

we're going to talk about skeptics and

996

00:38:21,660 --> 00:38:20,140

skepticism and I think today maybe we

997

00:38:23,100 --> 00:38:21,670

should put the crash helmets on not to

998

00:38:24,390 --> 00:38:23,110

mop the tinfoil hats because I think

999

00:38:26,250 --> 00:38:24,400

there might be a few of our listeners

1000

00:38:28,860 --> 00:38:26,260

who actually believe in these things

1001
00:38:31,500 --> 00:38:28,870
these chemtrails which are these trails

1002
00:38:33,570 --> 00:38:31,510
left by high-flying jet aircraft you see

1003
00:38:35,520 --> 00:38:33,580
them in the sky those long white trails

1004
00:38:37,530 --> 00:38:35,530
and a lot of people do believe that

1005
00:38:39,990 --> 00:38:37,540
they're filled with chemicals biological

1006
00:38:42,030 --> 00:38:40,000
agents and even microchips that become

1007
00:38:43,170 --> 00:38:42,040
embedded in your body and then they

1008
00:38:45,480 --> 00:38:43,180
think the government can tell you what

1009
00:38:46,620 --> 00:38:45,490
to think yeah the Chinese government

1010
00:38:48,210 --> 00:38:46,630
apparently controlled the weather to

1011
00:38:49,680 --> 00:38:48,220
make the opening of the Beijing Olympics

1012
00:38:51,690 --> 00:38:49,690
dry supposedly you were there weren't

1013
00:38:53,910 --> 00:38:51,700

you something did happen mysteriously on

1014

00:38:57,120 --> 00:38:53,920

the day of the opening ceremony that fog

1015

00:38:59,580 --> 00:38:57,130

parted and weird clear skies let's go to

1016

00:39:00,930 --> 00:38:59,590

let's go to our our skeptic Richard

1017

00:39:02,850 --> 00:39:00,940

Saunders lifetime member of skeptics

1018

00:39:04,860 --> 00:39:02,860

Australia he's on the line good morning

1019

00:39:06,690 --> 00:39:04,870

Richard good morning good morning

1020

00:39:09,470 --> 00:39:06,700

Richard do we need to be holding our

1021

00:39:12,180 --> 00:39:09,480

breath when we look sky woods I hope

1022

00:39:13,760 --> 00:39:12,190

this is a great one this is a classic of

1023

00:39:17,280 --> 00:39:13,770

skepticism now everybody I think

1024

00:39:19,250 --> 00:39:17,290

especially in the colder areas of

1025

00:39:21,510 --> 00:39:19,260

Australia the world have seen these

1026

00:39:24,300 --> 00:39:21,520

condensation trails or chemtrails long

1027

00:39:25,890 --> 00:39:24,310

streaks left by jet aircraft and in some

1028

00:39:27,480 --> 00:39:25,900

places in the world they just crisscross

1029

00:39:29,070 --> 00:39:27,490

the sky and you can see these trails

1030

00:39:31,470 --> 00:39:29,080

staying up there for hours on end

1031

00:39:33,090 --> 00:39:31,480

because the air is very still but there

1032

00:39:34,620 --> 00:39:33,100

are a group of people out there and

1033

00:39:37,410 --> 00:39:34,630

quite a big group on the internet

1034

00:39:40,680 --> 00:39:37,420

especially who think that these lines

1035

00:39:43,080 --> 00:39:40,690

represent the leftovers from evil

1036

00:39:45,330 --> 00:39:43,090

chemicals I wonder what they are and

1037

00:39:47,640 --> 00:39:45,340

even microchips dropped from the

1038

00:39:49,830 --> 00:39:47,650

airplanes by the government to control

1039

00:39:51,960 --> 00:39:49,840

the population or to make a sick or to

1040

00:39:53,520 --> 00:39:51,970

even control the weather it's a

1041

00:39:55,470 --> 00:39:53,530

wonderful classic of our conspiracy

1042

00:39:57,510 --> 00:39:55,480

theory there's quite a community isn't

1043

00:39:58,920 --> 00:39:57,520

there and it's quite a very big

1044

00:40:00,930 --> 00:39:58,930

community around the world on the

1045

00:40:02,280 --> 00:40:00,940

internet who do actually believe in

1046

00:40:04,280 --> 00:40:02,290

these chemtrails and that we're all

1047

00:40:06,630 --> 00:40:04,290

being controlled by various

1048

00:40:08,370 --> 00:40:06,640

authoritarian bodies how would the

1049

00:40:09,810 --> 00:40:08,380

microchips work though do they fall down

1050

00:40:11,760 --> 00:40:09,820

and just land on your head or do they

1051
00:40:13,170 --> 00:40:11,770
become embedded in your body well I

1052
00:40:13,900 --> 00:40:13,180
guess the answer to that is they don't

1053
00:40:14,980 --> 00:40:13,910
of course

1054
00:40:16,539 --> 00:40:14,990
they don't work because they're

1055
00:40:18,549 --> 00:40:16,549
non-existent but you got you got a

1056
00:40:20,620 --> 00:40:18,559
wonder I mean people like to throw

1057
00:40:22,240 --> 00:40:20,630
around things like the conspiracy of the

1058
00:40:24,160 --> 00:40:22,250
microchips and we're being controlled

1059
00:40:25,839 --> 00:40:24,170
but they're pretty short on the details

1060
00:40:27,730 --> 00:40:25,849
maybe if they stand out there with a net

1061
00:40:29,500 --> 00:40:27,740
one day and catch some and we can have

1062
00:40:31,960 --> 00:40:29,510
them analyzed that would be a start I

1063
00:40:33,460 --> 00:40:31,970

guess but to the conspiracy theorist it

1064

00:40:35,920 --> 00:40:33,470

doesn't matter all they have to do is

1065

00:40:37,539 --> 00:40:35,930

put these wild ideas out there they

1066

00:40:39,609 --> 00:40:37,549

convince themselves that this must be

1067

00:40:42,099 --> 00:40:39,619

the case and you know other people

1068

00:40:44,559 --> 00:40:42,109

around them will sort of fall in line

1069

00:40:45,789 --> 00:40:44,569

it's a bit of a worry really well people

1070

00:40:48,370 --> 00:40:45,799

have been and scientists have been

1071

00:40:50,770 --> 00:40:48,380

trying to at least affect the weather

1072

00:40:53,049 --> 00:40:50,780

over the years I've tried to seed clouds

1073

00:40:55,720 --> 00:40:53,059

is there any science behind the fact

1074

00:40:57,880 --> 00:40:55,730

that we can alter the weather pets very

1075

00:41:00,520 --> 00:40:57,890

very little I mean the weather weather

1076

00:41:02,799 --> 00:41:00,530

systems around the world these are huge

1077

00:41:05,559 --> 00:41:02,809

you know we're covering continents and

1078

00:41:07,299 --> 00:41:05,569

land masses and oceans and they generate

1079

00:41:09,579 --> 00:41:07,309

you know all sorts of parts of the world

1080

00:41:11,349 --> 00:41:09,589

with storms and things to think that we

1081

00:41:13,839 --> 00:41:11,359

could control them with our present

1082

00:41:16,750 --> 00:41:13,849

technologies is simply laughable we of

1083

00:41:19,359 --> 00:41:16,760

course we can't do that but to put

1084

00:41:21,519 --> 00:41:19,369

everybody's mind at ease these trails

1085

00:41:24,519 --> 00:41:21,529

you see across the sky are perfectly

1086

00:41:26,260 --> 00:41:24,529

understandable at high altitudes there

1087

00:41:28,630 --> 00:41:26,270

is very cold something like minus 60

1088

00:41:31,210 --> 00:41:28,640

degrees it's freezing you know way below

1089

00:41:33,190 --> 00:41:31,220

freezing when the jet rushes by it's

1090

00:41:38,289 --> 00:41:33,200

supersonic speeds or subsonic speeds

1091

00:41:40,000 --> 00:41:38,299

depending on the jet the superheated the

1092

00:41:41,769 --> 00:41:40,010

air becomes superheated in the engine

1093

00:41:44,769 --> 00:41:41,779

and then pushed straight back out and

1094

00:41:46,569 --> 00:41:44,779

this actually causes a cloud and you can

1095

00:41:49,359 --> 00:41:46,579

see this yourself on a cold day if you

1096

00:41:50,980 --> 00:41:49,369

go breathe out on a cold day everybody

1097

00:41:52,569 --> 00:41:50,990

seen a little bit of vapor then

1098

00:41:54,510 --> 00:41:52,579

disappears in a second that's

1099

00:41:56,650 --> 00:41:54,520

essentially the same things these

1100

00:41:59,880 --> 00:41:56,660

aircraft are doing high up in the sky

1101

00:42:02,920 --> 00:41:59,890

except in the sky the water instantly

1102

00:42:05,079 --> 00:42:02,930

continent states around the superheated

1103

00:42:06,910 --> 00:42:05,089

air and the cloud simply hangs there if

1104

00:42:09,549 --> 00:42:06,920

it's not a windy day it's not going to

1105

00:42:11,019 --> 00:42:09,559

blow away very quickly but they believe

1106

00:42:12,760 --> 00:42:11,029

the believers think that what they're

1107

00:42:15,609 --> 00:42:12,770

doing is sending up these biological

1108

00:42:17,829 --> 00:42:15,619

agents or vehicles out there to - what -

1109

00:42:20,769 --> 00:42:17,839

effect the population of the world yes

1110

00:42:23,410 --> 00:42:20,779

to control - well to fall in line with

1111

00:42:24,970 --> 00:42:23,420

the one-world government or to make us

1112

00:42:27,970 --> 00:42:24,980

sick so we have to keep buying

1113

00:42:29,680 --> 00:42:27,980

pharmaceutical drugs to keep us better

1114

00:42:32,950 --> 00:42:29,690

and then we get sick again and it's an

1115

00:42:34,690 --> 00:42:32,960

endless cycle but it doesn't have to

1116

00:42:36,100 --> 00:42:34,700

make sense to the conspiracy theorist

1117

00:42:37,300 --> 00:42:36,110

these things don't actually have to make

1118

00:42:39,250 --> 00:42:37,310

sense to the rest of us they're

1119

00:42:42,370 --> 00:42:39,260

convinced and they're quite happy in

1120

00:42:44,680 --> 00:42:42,380

that delusion no being a skeptic can you

1121

00:42:46,540 --> 00:42:44,690

ever pick a trend I mean if you're one

1122

00:42:48,280 --> 00:42:46,550

of those people who just cannot pick

1123

00:42:51,090 --> 00:42:48,290

things because you're so skeptical that

1124

00:42:53,710 --> 00:42:51,100

you're going this will never take off I

1125

00:42:55,330 --> 00:42:53,720

remember going to see Powderfinger when

1126
00:42:56,710 --> 00:42:55,340
they were just starting off yep and I

1127
00:43:00,160 --> 00:42:56,720
walked away thinking yeah they're just

1128
00:43:01,690 --> 00:43:00,170
another loud band I didn't know

1129
00:43:05,260 --> 00:43:01,700
successful acts in Australian music

1130
00:43:07,990 --> 00:43:05,270
history that's right but I but you know

1131
00:43:09,940 --> 00:43:08,000
we're not meant to instantly pick future

1132
00:43:11,260 --> 00:43:09,950
trends I mean how can we sometimes we'll

1133
00:43:13,090 --> 00:43:11,270
get it right sometimes we'll get it

1134
00:43:14,770 --> 00:43:13,100
wrong like the rest of the population if

1135
00:43:16,450 --> 00:43:14,780
we got it right if we go away [h__\h]

1136
00:43:18,670 --> 00:43:16,460
trends would be some sort of freak and I

1137
00:43:20,710 --> 00:43:18,680
think this descriptives would test you

1138
00:43:22,390 --> 00:43:20,720

for the \$100,000 prize which takes us

1139

00:43:25,060 --> 00:43:22,400

back to last week's topic of time-travel

1140

00:43:28,270 --> 00:43:25,070

only if only we could jump leap forward

1141

00:43:30,190 --> 00:43:28,280

just a little bit a little bit as always

1142

00:43:32,080 --> 00:43:30,200

great talking to you and we'll start

1143

00:43:40,930 --> 00:43:32,090

breathing in deeply again thank you very

1144

00:43:42,520 --> 00:43:40,940

much please do we have to come back to

1145

00:43:45,790 --> 00:43:42,530

that story but something else that is

1146

00:43:48,670 --> 00:43:45,800

equally fantastic an outrageous only

1147

00:43:50,830 --> 00:43:48,680

Ali's the Yowie now you might not have

1148

00:43:52,570 --> 00:43:50,840

seen a Yowie Rob I hadn't seen when I

1149

00:43:53,680 --> 00:43:52,580

think Moritz you've seen one but it

1150

00:43:56,200 --> 00:43:53,690

doesn't mean that I don't believe that

1151
00:43:57,670 --> 00:43:56,210
they're out there somewhere most people

1152
00:43:59,470 --> 00:43:57,680
would have heard of it Ayoo is some

1153
00:44:01,810 --> 00:43:59,480
people call them a Bigfoot or a hairy

1154
00:44:03,850 --> 00:44:01,820
man sometimes there's even a version of

1155
00:44:05,500 --> 00:44:03,860
it called the dog man all right which

1156
00:44:07,150 --> 00:44:05,510
and I'm a little bit obsessed with the

1157
00:44:08,410 --> 00:44:07,160
dog man my best friend Marcus who I'm

1158
00:44:10,030 --> 00:44:08,420
sure I'm gonna have to get on the show

1159
00:44:12,520 --> 00:44:10,040
oh I'm quite is obsessed with the dog

1160
00:44:15,760 --> 00:44:12,530
man he's gone out into the bush camping

1161
00:44:17,830 --> 00:44:15,770
to try and find the dog man and swears

1162
00:44:19,810 --> 00:44:17,840
that he's actually come across one so so

1163
00:44:21,820 --> 00:44:19,820

they're a mythological beast don't they

1164

00:44:24,130 --> 00:44:21,830

yeah but they actually might exist and

1165

00:44:26,320 --> 00:44:24,140

out there in the bush there is yeah

1166

00:44:31,060 --> 00:44:26,330

there is a guy who said he's not only

1167

00:44:33,760 --> 00:44:31,070

seen a yo E but he's almost been killed

1168

00:44:36,340 --> 00:44:33,770

by a Yowie eat not on one occasion but

1169

00:44:38,620 --> 00:44:36,350

two occasions so yeah yeah we are they

1170

00:44:40,090 --> 00:44:38,630

rely or are they fake so we should speak

1171

00:44:41,860 --> 00:44:40,100

to somebody about that we should talk to

1172

00:44:44,370 --> 00:44:41,870

Richard Saunders because he's alive

1173

00:44:47,500 --> 00:44:44,380

of the Australian skeptics Association

1174

00:44:50,950 --> 00:44:47,510

now what is the story of a Yowie Richard

1175

00:44:53,380 --> 00:44:50,960

and how close did you actually come I've

1176
00:44:59,560 --> 00:44:53,390
never I've never come within a Lightyear

1177
00:45:03,400 --> 00:44:59,570
of you maybe it was me in a suit dark

1178
00:45:05,590 --> 00:45:03,410
night I don't know Joey's a very

1179
00:45:08,710 --> 00:45:05,600
interesting I mean I remember first

1180
00:45:10,570 --> 00:45:08,720
hearing about Joey's Oh roughly around

1181
00:45:12,130 --> 00:45:10,580
the mid nineteen seventies when I was a

1182
00:45:15,000 --> 00:45:12,140
boy and there were reports of Yowies

1183
00:45:18,820 --> 00:45:15,010
which were on the tail coats of the

1184
00:45:20,590 --> 00:45:18,830
craze at the time for Bigfoot hmm in the

1185
00:45:22,600 --> 00:45:20,600
nineteen seventies it was just a huge

1186
00:45:23,860 --> 00:45:22,610
American craze for Bigfoot people going

1187
00:45:26,620 --> 00:45:23,870
out there were movies and documentaries

1188
00:45:28,930 --> 00:45:26,630

and people have seen it and I think it

1189

00:45:30,700 --> 00:45:28,940

was a bit of nd here in Australia people

1190

00:45:33,490 --> 00:45:30,710

thought aren t we better have to cook up

1191

00:45:35,140 --> 00:45:33,500

something ourselves but but legends of

1192

00:45:36,910 --> 00:45:35,150

especially Aboriginal legends of

1193

00:45:39,160 --> 00:45:36,920

mythical creatures go back thousands

1194

00:45:41,260 --> 00:45:39,170

upon thousands of years of course but

1195

00:45:45,100 --> 00:45:41,270

what we're really talking about is the

1196

00:45:47,470 --> 00:45:45,110

the possibility of an ape or a

1197

00:45:50,230 --> 00:45:47,480

human-like hairy creature running around

1198

00:45:51,760 --> 00:45:50,240

the Australian bush how fascinating

1199

00:45:53,230 --> 00:45:51,770

I remember when I used to watch I was

1200

00:45:54,820 --> 00:45:53,240

obsessed with a show called great

1201
00:45:56,740 --> 00:45:54,830
unsolved mysteries or something like

1202
00:45:58,750 --> 00:45:56,750
that that Leonard Nimoy used to voice

1203
00:46:00,970 --> 00:45:58,760
that's Roger and every so often they

1204
00:46:02,590 --> 00:46:00,980
would replay the the Yowie or the

1205
00:46:04,780 --> 00:46:02,600
Bigfoot episode and it was all about

1206
00:46:06,550 --> 00:46:04,790
whether the footage was real and what

1207
00:46:08,530 --> 00:46:06,560
the evidence was and going back through

1208
00:46:10,540 --> 00:46:08,540
history and evolution to find out where

1209
00:46:12,490 --> 00:46:10,550
it might have come from what's the story

1210
00:46:15,760 --> 00:46:12,500
about where the Aussie Yowie might have

1211
00:46:17,590 --> 00:46:15,770
come from well I mean since since

1212
00:46:20,080 --> 00:46:17,600
there's no really good evidence to

1213
00:46:21,820 --> 00:46:20,090

suspect that it actually exists then

1214

00:46:23,740 --> 00:46:21,830

people can sort of let their

1215

00:46:25,840 --> 00:46:23,750

imaginings run wild and come up with

1216

00:46:28,510 --> 00:46:25,850

all sorts of ideas and theories about it

1217

00:46:30,760 --> 00:46:28,520

that show was called in search of with

1218

00:46:33,370 --> 00:46:30,770

Leonard Nimoy every show that was a good

1219

00:46:35,050 --> 00:46:33,380

show but when we seriously look at look

1220

00:46:36,940 --> 00:46:35,060

at it and if we assume for a moment well

1221

00:46:39,490 --> 00:46:36,950

these things are real there are real a

1222

00:46:42,400 --> 00:46:39,500

like or human-like creatures in in

1223

00:46:44,470 --> 00:46:42,410

Australia then they must be part of the

1224

00:46:46,420 --> 00:46:44,480

environment like any other animal they

1225

00:46:47,470 --> 00:46:46,430

must have a breeding population for

1226

00:46:50,620 --> 00:46:47,480

genetic diversity

1227

00:46:54,070 --> 00:46:50,630

they must have prey they must eat at

1228

00:46:55,780 --> 00:46:54,080

least trees or berries or something they

1229

00:46:57,760 --> 00:46:55,790

must leave remains they

1230

00:47:01,750 --> 00:46:57,770

must leave carcasses they must have a

1231

00:47:03,520 --> 00:47:01,760

fossil record none of these are apparent

1232

00:47:06,880 --> 00:47:03,530

there is no evidence of anything like

1233

00:47:10,600 --> 00:47:06,890

that the best evidence people have are

1234

00:47:12,820 --> 00:47:10,610

footprints and I've seen the footprints

1235

00:47:13,930 --> 00:47:12,830

collected by somebody called Rex Gilroy

1236

00:47:16,150 --> 00:47:13,940

in the Blue Mountains who has a

1237

00:47:19,990 --> 00:47:16,160

multitude of giant footprints of plastic

1238

00:47:22,360 --> 00:47:20,000

cars but unfortunately you know they can

1239

00:47:24,760 --> 00:47:22,370

simply be made that's just not very good

1240

00:47:25,450 --> 00:47:24,770

effort usually it's a fake footprint I

1241

00:47:28,270 --> 00:47:25,460

won't have it

1242

00:47:30,460 --> 00:47:28,280

this thing it's manufactured well one of

1243

00:47:32,380 --> 00:47:30,470

the giveaways about that is they look

1244

00:47:35,860 --> 00:47:32,390

comical to begin with they're completely

1245

00:47:38,500 --> 00:47:35,870

oversized and they're even now if a

1246

00:47:40,540 --> 00:47:38,510

giant creature say twelve feet tall a

1247

00:47:43,750 --> 00:47:40,550

couple of meters tall stomping about

1248

00:47:45,430 --> 00:47:43,760

they put the heel in and as we all do on

1249

00:47:46,720 --> 00:47:45,440

sand or whatever they'll make very

1250

00:47:48,250 --> 00:47:46,730

distinctive footprints motions

1251
00:47:51,430 --> 00:47:48,260
footprints I've seen I'm looking at some

1252
00:47:53,440 --> 00:47:51,440
now I've quite even as if they've been

1253
00:47:57,250 --> 00:47:53,450
carefully chiseled and carved and

1254
00:47:59,230 --> 00:47:57,260
created but you know plaster casts of

1255
00:48:01,420 --> 00:47:59,240
giant footprints are fun and interesting

1256
00:48:04,300 --> 00:48:01,430
certainly don't constitute evidence we

1257
00:48:06,160 --> 00:48:04,310
need a strand of hair then we can get

1258
00:48:07,780 --> 00:48:06,170
some DNA and discover what it's all

1259
00:48:10,270 --> 00:48:07,790
about but I get back to the original

1260
00:48:11,980 --> 00:48:10,280
point if these creatures exist they must

1261
00:48:13,840 --> 00:48:11,990
be part of the natural Australian

1262
00:48:15,310 --> 00:48:13,850
environment like every other animal but

1263
00:48:17,950 --> 00:48:15,320

there's just no evidence for it so

1264

00:48:20,800 --> 00:48:17,960

Richard it's like a Loch Ness monster

1265

00:48:24,490 --> 00:48:20,810

with legs and we don't have physical

1266

00:48:26,110 --> 00:48:24,500

proof that they exist yeah I mentioned

1267

00:48:29,260 --> 00:48:26,120

there was this gentleman who had

1268

00:48:33,220 --> 00:48:29,270

dedicated his life to hunting down

1269

00:48:34,960 --> 00:48:33,230

yeah he's and he has said that he's he's

1270

00:48:37,660 --> 00:48:34,970

run into them a couple of times and

1271

00:48:40,120 --> 00:48:37,670

almost been killed by a Yowie on two

1272

00:48:41,710 --> 00:48:40,130

occasions have you ever spoken to that

1273

00:48:44,890 --> 00:48:41,720

particular gentleman I don't have his

1274

00:48:48,100 --> 00:48:44,900

name I note that no reports that like

1275

00:48:49,690 --> 00:48:48,110

that have come my way unfortunately that

1276

00:48:52,750 --> 00:48:49,700

doesn't constitute evidence either if

1277

00:48:55,450 --> 00:48:52,760

somebody says this happened to me then

1278

00:48:57,010 --> 00:48:55,460

and if ten people say this happened to

1279

00:48:58,630 --> 00:48:57,020

be there still not evidence that's just

1280

00:49:00,640 --> 00:48:58,640

people saying this happened to me oh

1281

00:49:03,220 --> 00:49:00,650

yeah it really happened we just don't

1282

00:49:06,970 --> 00:49:03,230

know we weren't there there's a spectrum

1283

00:49:08,680 --> 00:49:06,980

of things but genuinely mistaking what

1284

00:49:09,700 --> 00:49:08,690

happened on the cold night or whatever

1285

00:49:12,610 --> 00:49:09,710

it was or

1286

00:49:15,370 --> 00:49:12,620

and we don't know it simply doesn't mean

1287

00:49:17,020 --> 00:49:15,380

that we even begin to believe because of

1288

00:49:19,150 --> 00:49:17,030

all the other evidence it's not there to

1289

00:49:22,240 --> 00:49:19,160

back it up now have you come across the

1290

00:49:24,130 --> 00:49:22,250

the dog men stories because Dogma is

1291

00:49:25,240 --> 00:49:24,140

slightly different to the Yowie story so

1292

00:49:26,650 --> 00:49:25,250

basically it kind of sounds like

1293

00:49:28,300 --> 00:49:26,660

something that's evolved in the outback

1294

00:49:30,460 --> 00:49:28,310

from maybe something that like the

1295

00:49:32,470 --> 00:49:30,470

werewolf stories it's like the dingo

1296

00:49:34,600 --> 00:49:32,480

version and it will look like it's a

1297

00:49:37,180 --> 00:49:34,610

it's a very large running kind of

1298

00:49:39,700 --> 00:49:37,190

humanoid dingo and then and then they

1299

00:49:41,290 --> 00:49:39,710

seem to stand up on some very exotic

1300

00:49:43,030 --> 00:49:41,300

horizon and you can just see their

1301

00:49:45,310 --> 00:49:43,040

profiles and I've read so many stories

1302

00:49:46,750 --> 00:49:45,320

like this that I like some part of me

1303

00:49:49,720 --> 00:49:46,760

thinks that maybe there's something to

1304

00:49:51,630 --> 00:49:49,730

it yeah again wow that's great don't

1305

00:49:54,250 --> 00:49:51,640

mean people have wonderful imagination

1306

00:49:56,890 --> 00:49:54,260

fortunately it sounds like an old

1307

00:50:00,610 --> 00:49:56,900

European legend just just co-opted for

1308

00:50:04,860 --> 00:50:00,620

Australia can I just say making Richard

1309

00:50:11,290 --> 00:50:09,070

nevertheless if people could bring us a

1310

00:50:13,090 --> 00:50:11,300

carcass or a bit of hair and we could

1311

00:50:16,210 --> 00:50:13,100

and it would prove to be a Yowie

1312

00:50:17,710 --> 00:50:16,220

or a creature unknown to science that's

1313

00:50:20,140 --> 00:50:17,720

what science is all about you know

1314

00:50:22,300 --> 00:50:20,150

discovering new things we wouldn't we

1315

00:50:23,740 --> 00:50:22,310

wouldn't then say no it's impossible it

1316

00:50:25,720 --> 00:50:23,750

can't be you know we'll never believe

1317

00:50:27,820 --> 00:50:25,730

that we we go by what the best

1318

00:50:31,030 --> 00:50:27,830

scientific evidence suggests or brings

1319

00:50:33,400 --> 00:50:31,040

to our attention again with the werewolf

1320

00:50:35,470 --> 00:50:33,410

character in the outback or the Yowie if

1321

00:50:37,600 --> 00:50:35,480

they're there great if they are there

1322

00:50:39,850 --> 00:50:37,610

where is all the confirming evidence

1323

00:50:41,530 --> 00:50:39,860

like every other creature yeah so you're

1324

00:50:43,390 --> 00:50:41,540

open to the fact that these things will

1325

00:50:45,880 --> 00:50:43,400

exist if you get some evidence so I

1326

00:50:49,030 --> 00:50:45,890

suppose that's pretty much sums up what

1327

00:50:50,620 --> 00:50:49,040

the Australian skeptics are all bear hey

1328

00:50:52,330 --> 00:50:50,630

yep Richard over the summer we're gonna

1329

00:50:53,980 --> 00:50:52,340

talk to you on a few more occasions and

1330

00:51:02,020 --> 00:50:53,990

find out about other things you don't

1331

00:51:04,090 --> 00:51:02,030

believe in okay skeptic dot-com dodo you

1332

00:51:05,950 --> 00:51:04,100

alright mate you have a lovely Christmas

1333

00:51:06,160 --> 00:51:05,960

and thanks for joining us today thank

1334

00:51:07,990 --> 00:51:06,170

you

1335

00:51:09,820 --> 00:51:08,000

that is Richard Saunders from the

1336

00:51:11,290 --> 00:51:09,830

Australian skeptics all right the time

1337

00:51:13,690 --> 00:51:11,300

it is a quarter past eight and in

1338

00:51:22,089 --> 00:51:13,700

Brisbane that's what apartment

1339

00:51:25,160 --> 00:51:22,099

[Music]

1340

00:51:26,900 --> 00:51:25,170

hello listeners a maximum fun I want to

1341

00:51:28,819 --> 00:51:26,910

tell you about our newest podcast that

1342

00:51:30,410 --> 00:51:28,829

tells you all about the truth of the

1343

00:51:31,670 --> 00:51:30,420

Flat Earth have you been looking out

1344

00:51:32,599 --> 00:51:31,680

over the horizon and you've been

1345

00:51:34,880 --> 00:51:32,609

thinking wait a minute

1346

00:51:37,549 --> 00:51:34,890

this doesn't look round I've been lied

1347

00:51:42,559 --> 00:51:37,559

to my whole life what is NASA doing with

1348

00:51:45,680 --> 00:51:42,569

52 million dollars a day uh come on we

1349

00:51:47,690 --> 00:51:45,690

explode the myths just kidding

1350

00:51:49,819 --> 00:51:47,700

we're oh no Ross and Carrie and we

1351

00:51:52,009 --> 00:51:49,829

investigate extraordinary claims that's

1352

00:51:54,380 --> 00:51:52,019

right we investigate extraordinary

1353

00:51:56,120 --> 00:51:54,390

claims firsthand we go undercover in

1354

00:51:58,609 --> 00:51:56,130

fringe groups we get alternative

1355

00:52:00,589 --> 00:51:58,619

medicine treatments and we hang out with

1356

00:52:03,049 --> 00:52:00,599

people who have unusual beliefs like

1357

00:52:05,359 --> 00:52:03,059

flat earthers 9/11 truthers we do ghost

1358

00:52:07,130 --> 00:52:05,369

investigations we've joined Scientology

1359

00:52:08,839 --> 00:52:07,140

and we got baptized in the Mormon Church

1360

00:52:12,980 --> 00:52:08,849

if it goes bump in the night

1361

00:52:14,359 --> 00:52:12,990

then so do we hmm why don't you check

1362

00:52:25,859 --> 00:52:14,369

out oh no Ross and Carrie and

1363

00:52:31,750 --> 00:52:28,359

thank you for listening to the skeptic

1364

00:52:34,089 --> 00:52:31,760

zone next week even more from skeptic on

1365

00:52:36,900 --> 00:52:34,099

where main our chance to carry poppy

1366

00:52:42,400 --> 00:52:36,910

from the oh no Ross and carry podcast

1367

00:52:46,359 --> 00:52:42,410

now just a quick note about this saying

1368

00:52:48,070 --> 00:52:46,369

this term this expression man flu I I

1369

00:52:50,859 --> 00:52:48,080

had to wonder about it this week because

1370

00:52:53,859 --> 00:52:50,869

somebody said to me along the way when I

1371

00:52:56,260 --> 00:52:53,869

was chatting to somebody they used the

1372

00:52:59,800 --> 00:52:56,270

term man flu oh you've just got man flu

1373

00:53:01,870 --> 00:52:59,810

men can't handle being sick well this

1374

00:53:03,880 --> 00:53:01,880

might be this might be the case in in

1375

00:53:05,380 --> 00:53:03,890

certain situations but I can promise you

1376

00:53:11,950 --> 00:53:05,390

that when you're lying in bed with the

1377

00:53:16,000 --> 00:53:11,960

fever coughing head pounding or not

1378

00:53:16,720 --> 00:53:16,010

being able to think clearly it's it's

1379

00:53:20,500 --> 00:53:16,730

okay

1380

00:53:23,230 --> 00:53:20,510

you know you sometimes men and women get

1381

00:53:24,880 --> 00:53:23,240

really sick and and it's a virus or it's

1382

00:53:28,839 --> 00:53:24,890

an infection or something like that

1383

00:53:30,670 --> 00:53:28,849

so be kind if someone says they're

1384

00:53:34,870 --> 00:53:30,680

really feeling ill don't write it off as

1385

00:53:36,730 --> 00:53:34,880

man flu not necessarily maybe this I'm

1386

00:53:39,790 --> 00:53:36,740

on the mend now I'm feeling somewhat

1387

00:53:44,620 --> 00:53:39,800

better as I'm still sitting here in my

1388

00:53:46,180 --> 00:53:44,630

car on my secret mission thank you to

1389

00:53:48,130 --> 00:53:46,190

those people who continue to support the

1390

00:53:50,849 --> 00:53:48,140

skeptic zones through patreon and PayPal

1391

00:53:53,230 --> 00:53:50,859

you can do that at skeptic zone TV

1392

00:53:57,280 --> 00:53:53,240

YouTube people who actually support the

1393

00:54:00,070 --> 00:53:57,290

show that means everybody else can

1394

00:54:05,450 --> 00:54:00,080

listen to the show without your support

1395

00:54:11,450 --> 00:54:08,210

and I notice over it may not calm today

1396

00:54:13,190 --> 00:54:11,460

you may not spitting up lots of podcasts

1397

00:54:15,829 --> 00:54:13,200

as he normally does this time of year

1398

00:54:19,099 --> 00:54:15,839

for me now it's Christmas I know it's

1399

00:54:21,349 --> 00:54:19,109

Christmas podcasts and the latest news

1400

00:54:23,569 --> 00:54:21,359

on the calendar is I think may not tells

1401

00:54:25,280 --> 00:54:23,579

me that will be available maybe next

1402

00:54:27,470 --> 00:54:25,290

week or the week after keep an eye at

1403

00:54:31,040 --> 00:54:27,480

Maynard comm delay you form a nerds

1404

00:54:32,569 --> 00:54:31,050

annual calendar but for this week I'm

1405

00:54:35,030 --> 00:54:32,579

going back to bed this is Richard

1406

00:54:41,780 --> 00:54:35,040

Saunders signing off from a mysterious

1407

00:54:43,819 --> 00:54:41,790

location Sydney Australia you've been

1408

00:54:50,750 --> 00:54:43,829

listening to the skeptic zone podcast

1409

00:54:53,210 --> 00:54:50,760

please visit our website at wwlp.com tax

1410

00:54:57,260 --> 00:54:53,220

and to access the bat catalog of

1411

00:54:58,970 --> 00:54:57,270

episodes going back to 2008 you can

1412

00:55:02,030 --> 00:54:58,980

follow the skeptic zone podcast on

1413

00:55:04,309 --> 00:55:02,040

twitter at skeptic zone visit our

1414

00:55:07,700 --> 00:55:04,319

facebook page or leave a review on

1415

00:55:11,059 --> 00:55:07,710

itunes you can also support the skeptic

1416

00:55:13,430 --> 00:55:11,069

zone via patreon or PayPal the skeptic

1417

00:55:15,349 --> 00:55:13,440

zone podcast is an independent

1418

00:55:17,569 --> 00:55:15,359

production reviews and opinions

1419

00:55:19,700 --> 00:55:17,579

expressed on the skeptic zone and not

1420

00:55:22,640 --> 00:55:19,710

necessarily those of Australian skeptics