

1
00:00:05,990 --> 00:00:11,919
welcome to the skeptic zone the podcast

2
00:00:09,109 --> 00:00:13,929
from Australia for science and reason

3
00:00:11,919 --> 00:00:16,990
[Music]

4
00:00:13,929 --> 00:00:16,989
[Applause]

5
00:00:17,149 --> 00:00:25,750
[Music]

6
00:00:23,129 --> 00:00:30,419
yes it's the skeptics own podcast

7
00:00:25,750 --> 00:00:33,100
episode number 543 for the 17th of March

8
00:00:30,420 --> 00:00:34,570
2019 Richard Saunders here with he once

9
00:00:33,100 --> 00:00:38,260
again coming to you from the Bay Area

10
00:00:34,570 --> 00:00:40,420
San Francisco and thank you so much to

11
00:00:38,259 --> 00:00:43,210
the Bay Area skeptics the other night I

12
00:00:40,420 --> 00:00:46,329
gave a talk in Berkeley about psychic

13
00:00:43,210 --> 00:00:49,719
detectives so-called psychic detectives

14
00:00:46,329 --> 00:00:52,509
and Australian crimes famous Australian

15
00:00:49,719 --> 00:00:55,570
crimes missing children grisly murders

16
00:00:52,509 --> 00:00:57,369
that sort of thing and it I think it

17
00:00:55,570 --> 00:00:58,480
went over very well the crowd seemed to

18
00:00:57,369 --> 00:01:00,820
enjoy it and there were lots of

19
00:00:58,479 --> 00:01:04,030
questions afterwards and as these things

20
00:01:00,820 --> 00:01:05,799
turn out my talk was in the evening

21
00:01:04,030 --> 00:01:07,930
which was fine for me because I only

22
00:01:05,799 --> 00:01:10,420
just arrived in the United States the

23
00:01:07,930 --> 00:01:12,250
day before but my body clock was still

24
00:01:10,420 --> 00:01:14,409
on Australian time which meant that my

25
00:01:12,250 --> 00:01:17,560
talk in the evening was roughly about

26
00:01:14,409 --> 00:01:19,540
lunchtime in Australia so I did fine

27
00:01:17,560 --> 00:01:21,879
it's just waking up in the mornings for

28
00:01:19,540 --> 00:01:23,710
the next few days is a bit tricky now

29

00:01:21,879 --> 00:01:26,679
this is the third time I've given this

30
00:01:23,709 --> 00:01:28,509
talk on psychic detectives actually gave

31
00:01:26,680 --> 00:01:32,020
it for the New South Wales Police Force

32
00:01:28,510 --> 00:01:33,910
and members of the Federal Police and

33
00:01:32,019 --> 00:01:37,149
Defence Force which was a great pleasure

34
00:01:33,909 --> 00:01:40,209
and I gave it that Sydney skeptics in

35
00:01:37,150 --> 00:01:42,540
the pub only week ago and it's a

36
00:01:40,209 --> 00:01:45,069
fascinating topic this whole idea of

37
00:01:42,540 --> 00:01:48,490
people claiming to be psychics and

38
00:01:45,069 --> 00:01:51,609
helping the police and as I discovered

39
00:01:48,489 --> 00:01:53,679
in my research from time to time some

40
00:01:51,609 --> 00:01:55,420
police actually do call in people who

41
00:01:53,680 --> 00:02:00,640
claim to have psychic insights and

42
00:01:55,420 --> 00:02:02,890
powers and it's all too easy to condemn

43
00:02:00,640 --> 00:02:05,549

police for doing that it's too quick I

44

00:02:02,890 --> 00:02:08,699

think to do that too quick to judge and

45

00:02:05,549 --> 00:02:12,489

part of the problem is as I see it

46

00:02:08,699 --> 00:02:15,419

police in general don't have the same

47

00:02:12,489 --> 00:02:19,269

background and dare I say training is

48

00:02:15,419 --> 00:02:22,149

skeptics in so much is that

49

00:02:19,269 --> 00:02:25,539

Mindi skeptics can understand the

50

00:02:22,150 --> 00:02:28,239

psychology of a typical reading what's

51

00:02:25,539 --> 00:02:30,759

really going on where something appears

52

00:02:28,239 --> 00:02:34,090

to be a psychic insight and turns out

53

00:02:30,759 --> 00:02:36,789

later not to be but why it does appear

54

00:02:34,090 --> 00:02:38,620

so and again and again when people ask

55

00:02:36,789 --> 00:02:41,829

me about this I fall back on them and

56

00:02:38,620 --> 00:02:44,920

what I think is a good analogy if you

57

00:02:41,830 --> 00:02:47,830

see a magician doing a magic trick right

58
00:02:44,919 --> 00:02:51,098
in front of your eyes you can be

59
00:02:47,830 --> 00:02:54,099
absolutely mystified and how that

60
00:02:51,098 --> 00:02:56,548
magician could possibly do it make the

61
00:02:54,098 --> 00:02:59,378
rabbit disappear make the penny appear

62
00:02:56,549 --> 00:03:01,090
appear to read your mind in the case of

63
00:02:59,378 --> 00:03:03,929
mentalism and you could spend the rest

64
00:03:01,090 --> 00:03:07,000
of your life not knowing and wondering

65
00:03:03,930 --> 00:03:08,739
but if you learn the trick if you read

66
00:03:07,000 --> 00:03:11,889
the book or the magician discloses the

67
00:03:08,739 --> 00:03:15,219
trick to you and you see it again it's

68
00:03:11,889 --> 00:03:17,859
obvious and well the trick is not so

69
00:03:15,219 --> 00:03:20,049
exciting anymore but it's not a trick

70
00:03:17,860 --> 00:03:24,129
anymore and this is the same sort of

71
00:03:20,049 --> 00:03:27,310
thing with a psychic reading and police

72
00:03:24,128 --> 00:03:30,370
officers can fall victim to this too and

73
00:03:27,310 --> 00:03:33,340
they can see a psychic reading in action

74
00:03:30,370 --> 00:03:35,920
or get information from a psychic and

75
00:03:33,340 --> 00:03:38,170
not realize the psychology in this case

76
00:03:35,919 --> 00:03:39,729
that represents the trick but once you

77
00:03:38,169 --> 00:03:43,719
know the tricks and the psychology of

78
00:03:39,729 --> 00:03:48,159
cold reading for example I spent a lot

79
00:03:43,719 --> 00:03:51,848
of time transcribing psychic readings

80
00:03:48,159 --> 00:03:54,848
and I've transcribed a police interview

81
00:03:51,848 --> 00:03:57,039
with a psychic and I could then pick

82
00:03:54,848 --> 00:03:59,858
that apart and see how the psychic was

83
00:03:57,039 --> 00:04:01,388
using well basic cold reading techniques

84
00:03:59,859 --> 00:04:03,419
again if you don't know how these cold

85
00:04:01,389 --> 00:04:07,719
reading techniques work you can be

86

00:04:03,419 --> 00:04:10,209
somewhat amazed and will get the

87
00:04:07,719 --> 00:04:13,389
Evergreen expression which is a big red

88
00:04:10,209 --> 00:04:16,379
flag to us they knew things they

89
00:04:13,389 --> 00:04:18,910
couldn't have possibly have known anyway

90
00:04:16,379 --> 00:04:21,699
thank you again to the Bay Area skeptics

91
00:04:18,910 --> 00:04:23,830
and I hope to give that talk again I

92
00:04:21,699 --> 00:04:27,069
might even save that up for Dragon Con

93
00:04:23,829 --> 00:04:30,418
in Atlanta Georgia later on in the year

94
00:04:27,069 --> 00:04:32,769
where I'm a scheduled to appear and talk

95
00:04:30,418 --> 00:04:34,870
longtime skeptic zone fans might

96
00:04:32,769 --> 00:04:40,049
remember that in the very early days of

97
00:04:34,870 --> 00:04:42,968
the skeptic zone 2008 2009 and 2010 I

98
00:04:40,050 --> 00:04:44,560
was at Dragon Con and did reports from

99
00:04:42,968 --> 00:04:47,058
there for those of you who don't know

100
00:04:44,560 --> 00:04:49,559

Dragon Con is a huge

101

00:04:47,059 --> 00:04:52,529
fantasy science fiction festival in

102

00:04:49,559 --> 00:04:54,979
Atlanta Georgia every year and it's when

103

00:04:52,528 --> 00:04:56,908
I say huge it really is huge it's

104

00:04:54,978 --> 00:04:58,408
thousands upon thousands of people

105

00:04:56,908 --> 00:05:01,288
turning up in all sorts of weird

106

00:04:58,408 --> 00:05:04,259
wonderful costumes and there has been a

107

00:05:01,288 --> 00:05:07,618
sceptical track run by my colleague and

108

00:05:04,259 --> 00:05:09,959
friend Derek : dunno and recent more

109

00:05:07,619 --> 00:05:13,110
recently with the assistance of dr.

110

00:05:09,959 --> 00:05:14,129
Angie Matt key anyway all that's coming

111

00:05:13,110 --> 00:05:15,658
up in the future

112

00:05:14,129 --> 00:05:18,689
but what's coming up in the short-term

113

00:05:15,658 --> 00:05:21,178
future on the skeptics zone podcast a

114

00:05:18,689 --> 00:05:24,119
bit of a truncated show once again due

115
00:05:21,178 --> 00:05:26,098
to my traveling around sometimes it's

116
00:05:24,119 --> 00:05:27,959
difficult to put a show together when

117
00:05:26,098 --> 00:05:30,748
there are a lot of other things going on

118
00:05:27,959 --> 00:05:33,449
and you will notice in this episode my

119
00:05:30,749 --> 00:05:35,338
voice seems to change quite a bit that's

120
00:05:33,449 --> 00:05:36,778
because I've been recording in different

121
00:05:35,338 --> 00:05:41,129
locations under different circumstances

122
00:05:36,778 --> 00:05:44,009
and I was just on the tail end of the

123
00:05:41,129 --> 00:05:47,519
flu or the cold or whatever I had so um

124
00:05:44,009 --> 00:05:50,879
I hope you understand we're going to be

125
00:05:47,519 --> 00:05:53,939
looking at a story concerning celebrity

126
00:05:50,879 --> 00:05:55,889
chef Pete Evans who a few years back won

127
00:05:53,939 --> 00:05:59,129
the bent spoon award from Australian

128
00:05:55,889 --> 00:06:03,569
sceptics and his apparent support for an

129
00:05:59,129 --> 00:06:06,088
anti-vaxxer Pete Evans is an influential

130
00:06:03,569 --> 00:06:08,669
man he has many Facebook followers so

131
00:06:06,088 --> 00:06:12,389
it's very worrying if someone like that

132
00:06:08,668 --> 00:06:15,088
is seen to support anti vaccination then

133
00:06:12,389 --> 00:06:17,429
life is wild with Michelle Franklin our

134
00:06:15,088 --> 00:06:21,389
reporter from Darwin with a very

135
00:06:17,428 --> 00:06:23,638
interesting point of view about what

136
00:06:21,389 --> 00:06:26,879
makes you think that your area your

137
00:06:23,639 --> 00:06:28,949
region your tribe is so special you've

138
00:06:26,879 --> 00:06:32,929
probably seen the meme yourself going

139
00:06:28,949 --> 00:06:36,959
around which says only in dot dot dot

140
00:06:32,928 --> 00:06:39,899
only in Darwin and it reminds me of

141
00:06:36,959 --> 00:06:42,119
quite often in Australia on the TV news

142
00:06:39,899 --> 00:06:44,639
the funny story at the end of the news

143

00:06:42,119 --> 00:06:47,309
will be something like well only in the

144
00:06:44,639 --> 00:06:48,929
United States dot dot dot dot and I'll

145
00:06:47,309 --> 00:06:51,149
have some sort of crazy story

146
00:06:48,928 --> 00:06:54,989
Michelle looks at some of the thinking

147
00:06:51,149 --> 00:06:58,619
behind this only in meme then the

148
00:06:54,990 --> 00:07:00,210
continuing story of something we've been

149
00:06:58,619 --> 00:07:03,180
covering for quite some time

150
00:07:00,209 --> 00:07:06,269
this is the PhD awarded to Julie Y

151
00:07:03,180 --> 00:07:11,699
Lehman who is a well-known anti-vaxxer

152
00:07:06,269 --> 00:07:14,129
and recent criticism now of that PhD

153
00:07:11,699 --> 00:07:17,660
after it's been studied by other experts

154
00:07:14,129 --> 00:07:21,288
this is the same woman who has been

155
00:07:17,660 --> 00:07:24,569
recorded shouting and screaming at

156
00:07:21,288 --> 00:07:27,199
vaccination meetings to sort of shout

157
00:07:24,569 --> 00:07:30,990

down the doctors talking on stage and

158

00:07:27,199 --> 00:07:34,080

she charges quite a high fee to be an

159

00:07:30,990 --> 00:07:35,519

expert witness in court cases too then

160

00:07:34,079 --> 00:07:37,639

we have an interview by our

161

00:07:35,519 --> 00:07:40,529

correspondent in Canberra Kevin Davies

162

00:07:37,639 --> 00:07:43,430

we quite often run promotions for the

163

00:07:40,529 --> 00:07:45,929

Canberra skeptics and their events and

164

00:07:43,430 --> 00:07:48,720

just the other week they had a talk

165

00:07:45,930 --> 00:07:52,769

about GMO and this particular talk was

166

00:07:48,720 --> 00:07:55,320

titled talking plain about GMOs we have

167

00:07:52,769 --> 00:07:58,109

interviews with Jose Barrera and Martina

168

00:07:55,319 --> 00:08:01,918

digger Aris I'll add a link in the show

169

00:07:58,110 --> 00:08:04,770

notes but their website is GMO only

170

00:08:01,918 --> 00:08:06,990

and.com one word then to round off the

171

00:08:04,769 --> 00:08:11,448

show we have a statement a recently

172
00:08:06,990 --> 00:08:13,949
published statement a restating a

173
00:08:11,449 --> 00:08:17,069
reinforcing of the position of

174
00:08:13,949 --> 00:08:20,580
Australian skeptics Inc when it comes to

175
00:08:17,069 --> 00:08:23,908
climate change now for too long we have

176
00:08:20,579 --> 00:08:26,279
been accused and you probably get this

177
00:08:23,908 --> 00:08:29,490
yourself of being a climate change

178
00:08:26,279 --> 00:08:31,049
skeptic oh you skeptics you don't even

179
00:08:29,490 --> 00:08:33,930
believe we went to the moon or oh you

180
00:08:31,050 --> 00:08:35,639
skeptics you're skeptical about climate

181
00:08:33,929 --> 00:08:39,478
change so the Australian skeptics have

182
00:08:35,639 --> 00:08:42,689
put out a strong statement reinforcing

183
00:08:39,479 --> 00:08:44,278
the fact that no that that doesn't mean

184
00:08:42,690 --> 00:08:46,520
that the Australian skeptics or

185
00:08:44,278 --> 00:08:49,500
skeptical groups or organizations are

186
00:08:46,519 --> 00:08:52,889
skeptical of fill in the dots dot dot

187
00:08:49,500 --> 00:08:54,320
dot climate change or people going to

188
00:08:52,889 --> 00:08:57,149
the moon or whatever the case may be

189
00:08:54,320 --> 00:09:00,720
actually one of the strangest examples I

190
00:08:57,149 --> 00:09:03,120
ever had of that was somebody said to me

191
00:09:00,720 --> 00:09:06,660
once you skeptics you'd thought the

192
00:09:03,120 --> 00:09:09,240
world was flat what do you say to that

193
00:09:06,659 --> 00:09:11,610
you skeptics he once thought the world

194
00:09:09,240 --> 00:09:15,750
was flat

195
00:09:11,610 --> 00:09:17,730
yeah okay or speaking of that those of

196
00:09:15,750 --> 00:09:20,299
you who have Netflix if you have not

197
00:09:17,730 --> 00:09:24,509
seen the documentary beyond the curve

198
00:09:20,299 --> 00:09:27,179
then I can thoroughly recommend that it

199
00:09:24,509 --> 00:09:29,458
is really a fascinating insight into

200

00:09:27,179 --> 00:09:31,588
psychology more than anything else I

201
00:09:29,458 --> 00:09:33,509
think and it's getting quite a bit of

202
00:09:31,589 --> 00:09:38,070
notoriety for the fact that right at the

203
00:09:33,509 --> 00:09:40,799
end of the documentary we have flat

204
00:09:38,070 --> 00:09:44,810
earth proponents trying to prove their

205
00:09:40,799 --> 00:09:47,879
point of view using science and the

206
00:09:44,809 --> 00:09:49,469
amazing results they get anyway I can

207
00:09:47,879 --> 00:09:51,600
recommend it beyond the curve which is

208
00:09:49,470 --> 00:09:54,269
available at the moment on Netflix and

209
00:09:51,600 --> 00:09:58,139
it may be available on other platforms

210
00:09:54,269 --> 00:10:00,570
to stay tuned at the end of the show for

211
00:09:58,139 --> 00:10:02,639
more announcements from me but now it's

212
00:10:00,570 --> 00:10:06,060
time for me to run upstairs

213
00:10:02,639 --> 00:10:08,909
oh yes run upstairs this time have me a

214
00:10:06,059 --> 00:10:11,099

nice cup of coffee and a bagel while I

215

00:10:08,909 --> 00:10:11,699

do that I hope you enjoy the skeptic

216

00:10:11,100 --> 00:10:19,220

zone

217

00:10:11,700 --> 00:10:22,269

[Music]

218

00:10:19,220 --> 00:10:22,269

[Applause]

219

00:10:26,750 --> 00:10:33,830

[Music]

220

00:10:30,370 --> 00:10:35,929

now here's a quick note regarding a past

221

00:10:33,830 --> 00:10:38,420

bent spoon winner

222

00:10:35,929 --> 00:10:40,729

the Australian skeptics Bend spoon award

223

00:10:38,419 --> 00:10:42,699

for the perpetrator of the most

224

00:10:40,730 --> 00:10:45,769

preposterous piece of paranormal

225

00:10:42,700 --> 00:10:48,320

pseudo-scientific biffle a few years

226

00:10:45,769 --> 00:10:52,819

back this was won by celebrity chef Hiep

227

00:10:48,320 --> 00:10:56,330

evans and as we note published in Daily

228

00:10:52,820 --> 00:11:00,528

Telegraph by Jane Hansen celebrity chef

229
00:10:56,330 --> 00:11:02,759
P Devon's supports anti-vaxxer pull

230
00:11:00,528 --> 00:11:05,960
check on social media

231
00:11:02,759 --> 00:11:05,960
[Music]

232
00:11:06,110 --> 00:11:13,050
anti-flu ride auntie sunscreen anti

233
00:11:10,049 --> 00:11:16,289
dairy celebrity chef Pete Evans has now

234
00:11:13,049 --> 00:11:18,750
revealed his anti vaccination stripes in

235
00:11:16,289 --> 00:11:21,629
a post supporting well-known anti-vaxxer

236
00:11:18,750 --> 00:11:23,970
poll check who has not vaccinated his

237
00:11:21,629 --> 00:11:27,769
own children and supports the widely

238
00:11:23,970 --> 00:11:31,730
panned conspiracy movement VAX

239
00:11:27,769 --> 00:11:35,129
check a holistic health practitioner

240
00:11:31,730 --> 00:11:37,950
exercise coach and registered Native

241
00:11:35,129 --> 00:11:40,980
American spirit guide and medicine man

242
00:11:37,950 --> 00:11:43,910
has claimed quote your health is being

243
00:11:40,980 --> 00:11:46,590
stolen din quote due to vaccinations

244
00:11:43,909 --> 00:11:49,019
mister check endorses the Baxter

245
00:11:46,590 --> 00:11:51,330
documentary view that immunisation

246
00:11:49,019 --> 00:11:53,809
causes autism a link that has been

247
00:11:51,330 --> 00:11:57,960
disproved in over 100 large

248
00:11:53,809 --> 00:12:01,109
epidemiological studies mr. evans the My

249
00:11:57,960 --> 00:12:03,060
Kitchen Rules star posted his

250
00:12:01,110 --> 00:12:06,649
endorsement of poor checks recent

251
00:12:03,059 --> 00:12:11,159
podcast with dr. Shari Tenpenny to his

252
00:12:06,649 --> 00:12:13,620
1.5 million Facebook followers and two

253
00:12:11,159 --> 00:12:16,100
hundred and seven thousand Instagram

254
00:12:13,620 --> 00:12:16,100
followers

255
00:12:16,129 --> 00:12:21,960
so I'm sure there's gonna be more about

256
00:12:19,350 --> 00:12:24,750
that if that is the case but an update

257

00:12:21,960 --> 00:12:27,220
from one of our paid spoon winners or

258
00:12:24,750 --> 00:12:29,720
about one of our pin spoon winners

259
00:12:27,220 --> 00:12:33,970
celebrity chef Pete Evans

260
00:12:29,720 --> 00:12:33,970
[Music]

261
00:12:36,078 --> 00:12:40,678
hi I'm Darrin McKee one of the hosts of

262
00:12:38,789 --> 00:12:42,419
the reality check each week my co-host

263
00:12:40,678 --> 00:12:44,009
and I explore a range of controversies

264
00:12:42,419 --> 00:12:45,509
and curiosities using science and

265
00:12:44,009 --> 00:12:47,399
critical thinking you can find us on

266
00:12:45,509 --> 00:12:49,019
iTunes your favorite podcasting platform

267
00:12:47,399 --> 00:12:50,578
and on Facebook by searching for the

268
00:12:49,019 --> 00:12:53,100
reality check or by following us on

269
00:12:50,578 --> 00:12:54,748
Twitter at TRC underscore podcast until

270
00:12:53,100 --> 00:13:15,778
then keep an open mind but not so open

271
00:12:54,749 --> 00:13:24,089

your brain falls out life is wild with

272

00:13:15,778 --> 00:13:27,328

Michele Franklin do you live in a place

273

00:13:24,089 --> 00:13:30,269

that's unique you have the best beaches

274

00:13:27,328 --> 00:13:32,638

or the funniest traditions do you have

275

00:13:30,269 --> 00:13:36,089

the coolest origin story or maybe even

276

00:13:32,639 --> 00:13:39,989

the most extreme weather I bet you do

277

00:13:36,089 --> 00:13:41,970

and I know I do I think most people

278

00:13:39,989 --> 00:13:43,949

probably think there's some aspect of

279

00:13:41,970 --> 00:13:47,220

their home or their community or their

280

00:13:43,948 --> 00:13:49,528

country or their town that's special

281

00:13:47,220 --> 00:13:52,139

that makes them feel either proud or

282

00:13:49,528 --> 00:13:56,208

maybe even ashamed but there's something

283

00:13:52,139 --> 00:13:59,278

really unique about their own situation

284

00:13:56,208 --> 00:14:01,888

picture the memes a photo of someone

285

00:13:59,278 --> 00:14:04,918

doing something particularly stupid or

286

00:14:01,889 --> 00:14:09,089

something embarrassing maybe something

287

00:14:04,918 --> 00:14:13,980

hilarious but always unique and the

288

00:14:09,089 --> 00:14:15,299

caption says only in wherever and I bet

289

00:14:13,980 --> 00:14:17,089

if you think about it you can come up

290

00:14:15,298 --> 00:14:20,519

with a few examples from your own life

291

00:14:17,089 --> 00:14:22,799

I'll tell you a couple of mine I live

292

00:14:20,519 --> 00:14:27,360

near Darwin now weather is usually

293

00:14:22,798 --> 00:14:30,568

either hot and wet or hot and dry and we

294

00:14:27,360 --> 00:14:32,249

have cyclones and crocodiles discounting

295

00:14:30,568 --> 00:14:33,918

the fact that we can only survive in a

296

00:14:32,249 --> 00:14:36,569

temperature range of about 6 degrees

297

00:14:33,918 --> 00:14:38,730

variation and snow would likely kill us

298

00:14:36,568 --> 00:14:40,738

we're pretty proud of our weather and

299

00:14:38,730 --> 00:14:43,350

our crocodiles and how they reflect on

300
00:14:40,739 --> 00:14:45,720
us as individuals we tend to think that

301
00:14:43,350 --> 00:14:47,670
we're better than the southerners which

302
00:14:45,720 --> 00:14:50,610
is basically a term that means

303
00:14:47,669 --> 00:14:52,799
anyone except for us and I say we

304
00:14:50,610 --> 00:14:55,409
because I totally buy into this madness

305
00:14:52,799 --> 00:14:57,779
I feel like the people around me are so

306
00:14:55,409 --> 00:15:01,769
much more clever and tough and cool than

307
00:14:57,779 --> 00:15:03,959
those other people from over there but

308
00:15:01,769 --> 00:15:06,179
in reality I know I'm no different from

309
00:15:03,960 --> 00:15:08,519
anyone else because I bet you could

310
00:15:06,179 --> 00:15:11,009
think of a similar list of things that

311
00:15:08,519 --> 00:15:14,610
make you and and your group better than

312
00:15:11,009 --> 00:15:16,620
everyone else - and that's okay we all

313
00:15:14,610 --> 00:15:19,950
have something that we hold onto you

314

00:15:16,620 --> 00:15:21,720
that we think makes us special even if

315
00:15:19,950 --> 00:15:23,820
it's as simple as living in a town with

316
00:15:21,720 --> 00:15:26,690
a funny sounding name and using that to

317
00:15:23,820 --> 00:15:29,490
get attention not that I would do that

318
00:15:26,690 --> 00:15:31,680
in recent years I've noticed an increase

319
00:15:29,490 --> 00:15:34,889
in the use of the term only in wherever

320
00:15:31,679 --> 00:15:37,589
as a meme for various socially

321
00:15:34,889 --> 00:15:40,649
agreed-upon topics for me it's usually

322
00:15:37,590 --> 00:15:43,800
only in Darwin or only in Australia and

323
00:15:40,649 --> 00:15:46,049
some photo or other of a crocodile or a

324
00:15:43,799 --> 00:15:47,459
snake or a spider or even a derelict

325
00:15:46,049 --> 00:15:49,859
looking person in a funny situation

326
00:15:47,460 --> 00:15:51,750
that's either surprising or funny I've

327
00:15:49,860 --> 00:15:53,909
seen a few versions of this from other

328
00:15:51,750 --> 00:15:56,549

places where other socially relevant

329

00:15:53,909 --> 00:16:00,629

situations sometimes involving politics

330

00:15:56,549 --> 00:16:02,490

or local culture or ridiculous hipsters

331

00:16:00,629 --> 00:16:04,379

and the amusing clothes that they wear

332

00:16:02,490 --> 00:16:06,450

and the crazy things that they eat from

333

00:16:04,379 --> 00:16:09,870

which are most definitely not real bowls

334

00:16:06,450 --> 00:16:13,770

but repeatedly I see the same recurring

335

00:16:09,870 --> 00:16:15,720

theme of only in wherever usually I find

336

00:16:13,769 --> 00:16:17,819

these names quite funny and I enjoy

337

00:16:15,720 --> 00:16:20,580

seeing crazy situations that other

338

00:16:17,820 --> 00:16:22,860

people deal with but I have a small

339

00:16:20,580 --> 00:16:25,950

issue with it and I guess it comes from

340

00:16:22,860 --> 00:16:28,769

knowing my own home well but being

341

00:16:25,950 --> 00:16:30,570

pretty naive of anywhere else I tend to

342

00:16:28,769 --> 00:16:33,329

believe the memes whenever I see them

343
00:16:30,570 --> 00:16:36,710
why would they lie except the ones that

344
00:16:33,330 --> 00:16:39,570
are from my town they're so often wrong

345
00:16:36,710 --> 00:16:41,550
so I can only assume that the ones from

346
00:16:39,570 --> 00:16:43,620
other places are likely are wrong as

347
00:16:41,549 --> 00:16:45,209
well the one that bothered me most

348
00:16:43,620 --> 00:16:47,460
recently was a photo of a large

349
00:16:45,210 --> 00:16:50,250
crocodile swimming very close to a small

350
00:16:47,460 --> 00:16:52,350
boat and the people in it calmly taking

351
00:16:50,250 --> 00:16:55,259
a photo rather than panicking and trying

352
00:16:52,350 --> 00:16:58,190
to escape this image has been shared by

353
00:16:55,259 --> 00:17:01,319
my local newspaper shared by my friends

354
00:16:58,190 --> 00:17:03,780
and in all of our local

355
00:17:01,320 --> 00:17:07,620
community groups on Facebook with the

356
00:17:03,779 --> 00:17:09,539
three famous words only in Darwin it's

357
00:17:07,619 --> 00:17:11,369
funny and all and it's good getting

358
00:17:09,539 --> 00:17:14,159
attention and scaring your southern

359
00:17:11,369 --> 00:17:16,379
relatives except that there was one

360
00:17:14,160 --> 00:17:18,870
minor problem the animal in the photo

361
00:17:16,380 --> 00:17:21,750
was an alligator so clearly it's not

362
00:17:18,869 --> 00:17:24,479
only in Darwin and it's not even in

363
00:17:21,750 --> 00:17:26,459
Darwin a similar one came up for me a

364
00:17:24,480 --> 00:17:29,190
few months back of a large crocodile

365
00:17:26,459 --> 00:17:31,680
swimming along in a marina with a dog in

366
00:17:29,190 --> 00:17:33,360
its mouth this time it was actually a

367
00:17:31,680 --> 00:17:36,390
real crocodile but it was clearly an

368
00:17:33,359 --> 00:17:39,539
American crocodile and again it says

369
00:17:36,390 --> 00:17:41,910
only in Darwin and the comments thread

370
00:17:39,539 --> 00:17:43,529
was full of down folk tagging their

371

00:17:41,910 --> 00:17:46,070
interstate and international friends

372
00:17:43,529 --> 00:17:48,059
saying see what we live with implying

373
00:17:46,069 --> 00:17:50,819
see how cool we are

374
00:17:48,059 --> 00:17:52,740
I even overheard a conversation where

375
00:17:50,819 --> 00:17:55,230
people were arguing over which local

376
00:17:52,740 --> 00:17:57,120
marina had been filmed at and people

377
00:17:55,230 --> 00:17:59,039
were convinced it would be on the news

378
00:17:57,119 --> 00:18:00,779
tomorrow not even checking the date to

379
00:17:59,039 --> 00:18:03,210
realize that the videos been circulating

380
00:18:00,779 --> 00:18:05,490
but quite a while already there's also

381
00:18:03,210 --> 00:18:08,370
one that came to me in an email

382
00:18:05,490 --> 00:18:10,049
where the stories hold of a crocodile in

383
00:18:08,369 --> 00:18:14,059
Queensland that had been injured and

384
00:18:10,049 --> 00:18:16,829
became tame and was now a friendly pet

385
00:18:14,059 --> 00:18:18,869

this time the story clearly named a

386

00:18:16,829 --> 00:18:20,460

specific river in Queenslanders and

387

00:18:18,869 --> 00:18:23,159

described the incident where the

388

00:18:20,460 --> 00:18:26,970

crocodile had been injured and this time

389

00:18:23,160 --> 00:18:28,950

it said only in North Queensland the

390

00:18:26,970 --> 00:18:31,380

relative who sent it to me had clearly

391

00:18:28,950 --> 00:18:32,850

not read the story closely enough to

392

00:18:31,380 --> 00:18:35,550

notice that the crocodiles name was

393

00:18:32,849 --> 00:18:39,539

poacher and the man who befriended him

394

00:18:35,549 --> 00:18:42,569

was Gilberto cheeto and it was also

395

00:18:39,539 --> 00:18:44,970

clearly an American crocodile he even

396

00:18:42,569 --> 00:18:47,369

has his own Wikipedia page that took me

397

00:18:44,970 --> 00:18:49,079

about one second to find on Google I've

398

00:18:47,369 --> 00:18:51,419

been stewing over this for a few weeks

399

00:18:49,079 --> 00:18:53,279

and wondering what it all means and I

400
00:18:51,420 --> 00:18:54,810
think I've decided that I need to stop

401
00:18:53,279 --> 00:18:56,970
sharing these memes and stop

402
00:18:54,809 --> 00:18:59,730
perpetuating the exceptionalism that I

403
00:18:56,970 --> 00:19:02,579
feel my town and by extension the people

404
00:18:59,730 --> 00:19:04,529
around me are worthy of because I can

405
00:19:02,579 --> 00:19:06,389
see that while it's fun to imply that

406
00:19:04,529 --> 00:19:08,759
we're special in unique for our weather

407
00:19:06,390 --> 00:19:10,920
and our wildlife it doesn't take long to

408
00:19:08,759 --> 00:19:13,230
realize that most of us don't actually

409
00:19:10,920 --> 00:19:14,009
recognize the difference between us and

410
00:19:13,230 --> 00:19:16,890
them

411
00:19:14,009 --> 00:19:19,679
we just keep telling ourselves that it's

412
00:19:16,890 --> 00:19:21,690
there and we're different and what their

413
00:19:19,679 --> 00:19:24,330
other I think what I've learned from

414
00:19:21,690 --> 00:19:26,690
this is that the image that we see is us

415
00:19:24,329 --> 00:19:30,119
and they the image that we see is them

416
00:19:26,690 --> 00:19:32,009
pretty much the same thing and as much

417
00:19:30,119 --> 00:19:34,379
as we tell ourselves that we're so

418
00:19:32,009 --> 00:19:36,119
different if you take down the labels

419
00:19:34,380 --> 00:19:37,730
and switch them around none of us can

420
00:19:36,119 --> 00:20:02,058
really tell the difference

421
00:19:37,730 --> 00:20:02,058
[Music]

422
00:20:06,240 --> 00:20:10,720
[Music]

423
00:20:07,619 --> 00:20:12,279
olice less habla Paola the Dallaire

424
00:20:10,720 --> 00:20:15,279
Moses with other Buenos Aires in

425
00:20:12,279 --> 00:20:17,019
Argentina when the couch ammos podcasts

426
00:20:15,279 --> 00:20:20,379
a couch Imola mimic a couch a todo el

427
00:20:17,019 --> 00:20:22,629
mundo como the skeptic zone ojala pueden

428

00:20:20,380 --> 00:20:24,430
venir a visit Ana's algun dia que hace

429
00:20:22,630 --> 00:20:29,160
para mo con nuestra Ricky Sima comida

430
00:20:24,430 --> 00:20:29,160
localize yeah podemos Yerevan tango

431
00:20:29,789 --> 00:20:33,759
[Music]

432
00:20:31,319 --> 00:20:35,889
mientras tanto sugandha fruit and OD

433
00:20:33,759 --> 00:20:39,059
pseudo see same analogy NCI pensamiento

434
00:20:35,890 --> 00:20:39,060
rational ciao

435
00:20:46,400 --> 00:20:59,200
[Music]

436
00:20:56,069 --> 00:21:01,529
from the website of Australian skeptics

437
00:20:59,200 --> 00:21:05,259
we read published on the 5th of March

438
00:21:01,529 --> 00:21:08,339
2019 by Tim Mendham review finds why

439
00:21:05,259 --> 00:21:17,558
Lehman ante VAX

440
00:21:08,339 --> 00:21:20,079
incomplete biased and flawed a recent

441
00:21:17,558 --> 00:21:23,200
study by four researchers has raised

442
00:21:20,079 --> 00:21:25,658

serious concerns over the notorious PhD

443

00:21:23,200 --> 00:21:28,960

thesis written by leading anti-vaxxer

444

00:21:25,659 --> 00:21:30,970

Judy why Lehman which earned her a PhD

445

00:21:28,960 --> 00:21:32,169

from the University of Wollongong in

446

00:21:30,970 --> 00:21:35,259

2015

447

00:21:32,169 --> 00:21:37,480

called quote a critical analysis of the

448

00:21:35,259 --> 00:21:40,000

australian government's rationale for

449

00:21:37,480 --> 00:21:42,700

its vaccination policy end quote

450

00:21:40,000 --> 00:21:45,609

while Eamon's thesis describes what she

451

00:21:42,700 --> 00:21:48,429

calls quote the political framework in

452

00:21:45,609 --> 00:21:51,759

which policy is affected by biased

453

00:21:48,429 --> 00:21:55,240

science or undone underfunded science

454

00:21:51,759 --> 00:21:57,519

end quote and claims quote the existence

455

00:21:55,240 --> 00:22:00,069

of institutional barriers to carrying

456

00:21:57,519 --> 00:22:02,379

out independent research including on

457
00:22:00,069 --> 00:22:05,230
topics unwelcome to groups with vested

458
00:22:02,380 --> 00:22:08,230
interests men quote she included

459
00:22:05,230 --> 00:22:11,380
collusion between health industry and

460
00:22:08,230 --> 00:22:14,110
health authorities particularly that the

461
00:22:11,380 --> 00:22:16,900
World Health Organization quote is

462
00:22:14,109 --> 00:22:19,418
perceived to be out of touch with global

463
00:22:16,900 --> 00:22:21,970
communities and it is controlled by the

464
00:22:19,419 --> 00:22:24,880
interests of corporations and the World

465
00:22:21,970 --> 00:22:26,679
Bank banquet why Lehman is also

466
00:22:24,880 --> 00:22:29,020
presenting herself as an expert witness

467
00:22:26,679 --> 00:22:31,630
in cases where parents disagree on

468
00:22:29,019 --> 00:22:33,609
vaccinating their children the recent

469
00:22:31,630 --> 00:22:36,010
study by three researchers from the

470
00:22:33,609 --> 00:22:39,490
faculty of medicine and health at Sydney

471
00:22:36,009 --> 00:22:42,519
University Kari Wiley Julie Liske

472
00:22:39,490 --> 00:22:44,798
and Margaret Burgess and professor Peter

473
00:22:42,519 --> 00:22:46,389
McIntyre director of the National Center

474
00:22:44,798 --> 00:22:48,759
for immunization research and

475
00:22:46,390 --> 00:22:52,240
surveillance was published this month in

476
00:22:48,759 --> 00:22:55,929
the vaccine Journal they described the

477
00:22:52,240 --> 00:22:58,950
thesis is based on quote in complete

478
00:22:55,929 --> 00:23:02,259
flawed technical assertions and quote

479
00:22:58,950 --> 00:23:04,450
quote this thesis is notable for its

480
00:23:02,259 --> 00:23:07,329
lack of evidence of a systematic

481
00:23:04,450 --> 00:23:09,940
literature review despite its extensive

482
00:23:07,329 --> 00:23:11,919
claims there is no primary research but

483
00:23:09,940 --> 00:23:13,990
there is abundant evidence of strong

484
00:23:11,920 --> 00:23:17,170
bias in selecting the literature cited

485

00:23:13,990 --> 00:23:19,569
and sometimes outright misrepresentation

486
00:23:17,170 --> 00:23:22,269
of the facts when quoted the study

487
00:23:19,569 --> 00:23:24,849
authors say that while Eamon's thesis

488
00:23:22,269 --> 00:23:27,160
has been downloaded more than twenty-one

489
00:23:24,849 --> 00:23:29,139
thousand times but to date there was no

490
00:23:27,160 --> 00:23:31,779
cite able peer-reviewed critical

491
00:23:29,140 --> 00:23:34,990
appraisal of the methodological rigor of

492
00:23:31,779 --> 00:23:38,079
the work quote our research with non

493
00:23:34,990 --> 00:23:40,000
vaccinating parents suggests that some

494
00:23:38,079 --> 00:23:42,369
are considering the thesis in their

495
00:23:40,000 --> 00:23:44,170
decision making and healthcare providers

496
00:23:42,369 --> 00:23:46,539
who may be questioned about it by

497
00:23:44,170 --> 00:23:48,940
vaccine hesitant parents have no such

498
00:23:46,539 --> 00:23:52,389
resource to aid their discussions end

499
00:23:48,940 --> 00:23:55,539

quote the thesis journey to final PhD

500

00:23:52,390 --> 00:23:57,880

status was not smooth based on documents

501

00:23:55,539 --> 00:24:01,329

released by the university under a jeep

502

00:23:57,880 --> 00:24:04,150

IP a Freedom of Information request one

503

00:24:01,329 --> 00:24:06,009

of two unnamed examiner's who reviewed

504

00:24:04,150 --> 00:24:09,400

the thesis suggested that it was

505

00:24:06,009 --> 00:24:11,859

definitely not worth of achieving PhD

506

00:24:09,400 --> 00:24:13,210

status and was more in line with a

507

00:24:11,859 --> 00:24:16,359

master's degree level

508

00:24:13,210 --> 00:24:18,880

the examiner expressed quote serious

509

00:24:16,359 --> 00:24:20,889

concern about the lack of engagement

510

00:24:18,880 --> 00:24:23,440

with existing literature and the lack of

511

00:24:20,890 --> 00:24:25,960

an appropriate theoretical framework in

512

00:24:23,440 --> 00:24:28,240

quote they also felt that the thesis

513

00:24:25,960 --> 00:24:31,150

showed no evidence that while Heymann

514
00:24:28,240 --> 00:24:33,430
conducted original research nor that it

515
00:24:31,150 --> 00:24:35,380
demonstrated that she had made quote a

516
00:24:33,430 --> 00:24:37,930
significant contribution to the

517
00:24:35,380 --> 00:24:40,270
knowledge of the subject in quote the

518
00:24:37,930 --> 00:24:42,730
university then sought a third review

519
00:24:40,269 --> 00:24:44,980
which likewise found problems with the

520
00:24:42,730 --> 00:24:47,829
thesis but after revisions it was

521
00:24:44,980 --> 00:24:49,390
approved for the award the doctorate was

522
00:24:47,829 --> 00:24:53,289
awarded through the Faculty of Law

523
00:24:49,390 --> 00:24:56,560
humanities and the arts ie not a

524
00:24:53,289 --> 00:24:59,649
scientific or medical faculty the study

525
00:24:56,559 --> 00:25:01,869
authors say that quote the quality of

526
00:24:59,650 --> 00:25:04,300
writing and presentation of the thesis

527
00:25:01,869 --> 00:25:06,429
is such that many of its arguments could

528
00:25:04,299 --> 00:25:08,799
seem less plausible to an examiner

529
00:25:06,430 --> 00:25:11,680
without specific content knowledge

530
00:25:08,799 --> 00:25:14,319
despite sound academic credentials our

531
00:25:11,680 --> 00:25:16,330
combined expertise vaccinology

532
00:25:14,319 --> 00:25:18,069
epidemiology and the history and

533
00:25:16,329 --> 00:25:20,829
practice of immunization policy

534
00:25:18,069 --> 00:25:24,519
development globally and you know

535
00:25:20,829 --> 00:25:26,589
social science and as PhD examiners both

536
00:25:24,519 --> 00:25:28,929
gives us detailed knowledge of the

537
00:25:26,589 --> 00:25:31,869
sources cited by the thesis and allows

538
00:25:28,929 --> 00:25:34,870
us to identify key deficiencies main

539
00:25:31,869 --> 00:25:37,839
quote they go on to say quote the thesis

540
00:25:34,869 --> 00:25:39,939
is presented as a critical analysis of

541
00:25:37,839 --> 00:25:42,490
the Australian Government's rationale

542

00:25:39,940 --> 00:25:45,038
for its vaccine policy a critical

543
00:25:42,490 --> 00:25:47,890
analysis should consider the merits and

544
00:25:45,038 --> 00:25:50,349
faults of an issue and be conducted in a

545
00:25:47,890 --> 00:25:52,690
way that is not designed to find only

546
00:25:50,349 --> 00:25:56,199
evidence for the writers predetermined

547
00:25:52,690 --> 00:25:58,240
conclusions quote this thesis does not

548
00:25:56,200 --> 00:26:01,240
include methods for assessing the

549
00:25:58,240 --> 00:26:04,000
literature does not discuss aspects of

550
00:26:01,240 --> 00:26:07,179
identified studies which may contradict

551
00:26:04,000 --> 00:26:10,119
one another or attempt to establish the

552
00:26:07,179 --> 00:26:11,950
quality of relevant studies rather the

553
00:26:10,119 --> 00:26:14,619
references used are highly selective

554
00:26:11,950 --> 00:26:16,960
only citing a small number of the

555
00:26:14,619 --> 00:26:20,048
available epidemiological studies and

556
00:26:16,960 --> 00:26:22,720

clinical trial reports all of which are

557

00:26:20,048 --> 00:26:25,629

interpreted to support conclusions which

558

00:26:22,720 --> 00:26:28,240

are predetermined in quota some have

559

00:26:25,630 --> 00:26:30,880

suggested that because the PhD was

560

00:26:28,240 --> 00:26:34,269

awarded through a humanities faculty it

561

00:26:30,880 --> 00:26:36,400

would not be expected to quote present a

562

00:26:34,269 --> 00:26:39,970

detailed and systematic literature

563

00:26:36,400 --> 00:26:44,169

review or undertake primary research and

564

00:26:39,970 --> 00:26:46,329

quote quote we argue that a thesis which

565

00:26:44,169 --> 00:26:48,640

explicitly sets out to examine

566

00:26:46,329 --> 00:26:50,288

government vaccination policies

567

00:26:48,640 --> 00:26:52,870

including an assertion on the

568

00:26:50,288 --> 00:26:54,908

underpinning scientific evidence and the

569

00:26:52,869 --> 00:26:57,158

stakeholders who have influence in the

570

00:26:54,909 --> 00:26:59,500

decision-making process irrespective of

571
00:26:57,159 --> 00:27:01,450
the faculty or discipline in which it is

572
00:26:59,500 --> 00:27:03,548
conducted should use methods for

573
00:27:01,450 --> 00:27:06,610
identifying and asserting scientific

574
00:27:03,548 --> 00:27:09,009
evidence of comparable rigor to those

575
00:27:06,609 --> 00:27:13,529
used by academic and scientific bodies

576
00:27:09,009 --> 00:27:13,529
which inform policy makers and

577
00:27:14,779 --> 00:27:25,499
[Music]

578
00:27:21,950 --> 00:27:27,409
hi this is Heidi Robertson from the

579
00:27:25,499 --> 00:27:30,288
Northern Rivers vaccination supporters

580
00:27:27,409 --> 00:27:32,909
we are a group of concerned citizens

581
00:27:30,288 --> 00:27:35,489
dedicated to promoting good science and

582
00:27:32,909 --> 00:27:38,609
common sense in our region the far north

583
00:27:35,489 --> 00:27:40,169
coast of New South Wales this area are

584
00:27:38,608 --> 00:27:43,319
famous for its natural beauty and

585
00:27:40,169 --> 00:27:46,859
relaxed lifestyle also has the lowest

586
00:27:43,319 --> 00:27:49,138
rates of vaccination in Australia we are

587
00:27:46,858 --> 00:27:51,478
out to change that by challenging the

588
00:27:49,138 --> 00:27:53,158
myths and misinformation and by

589
00:27:51,479 --> 00:27:56,489
providing good evidence-based

590
00:27:53,159 --> 00:27:58,320
information to the community we'd love

591
00:27:56,489 --> 00:28:01,950
for you no matter where you are in the

592
00:27:58,319 --> 00:28:09,778
world to join our fight please visit our

593
00:28:01,950 --> 00:28:12,838
webpage at WWF info we also have a link

594
00:28:09,778 --> 00:28:15,479
there to our Facebook page tweet us at

595
00:28:12,838 --> 00:28:18,690
in our FAQs supporters

596
00:28:15,479 --> 00:28:20,929
that's VIX and check us out on Wikipedia

597
00:28:18,690 --> 00:28:25,669
by searching for Northern Rivers

598
00:28:20,929 --> 00:28:25,669
vaccination supporters thank you

599

00:28:26,500 --> 00:28:38,200
[Music]

600
00:28:38,269 --> 00:28:49,910
oh hi I am here in Canberra and I'm

601
00:28:45,380 --> 00:28:52,490
speaking with Jose Marrero Marina three

602
00:28:49,910 --> 00:28:54,440
Gators nice to meet you all welcome to

603
00:28:52,490 --> 00:28:59,089
camera skeptics thank you so much for

604
00:28:54,440 --> 00:29:00,230
inviting us now can we just throw out

605
00:28:59,089 --> 00:29:01,480
it's gonna tell us a little bit about

606
00:29:00,230 --> 00:29:05,839
this yourselves

607
00:29:01,480 --> 00:29:07,819
well I'm scientist of my Spanish

608
00:29:05,839 --> 00:29:09,740
background you can tell about my accent

609
00:29:07,819 --> 00:29:12,740
that I've been working on the field of

610
00:29:09,740 --> 00:29:15,400
plant genetics for the last few years in

611
00:29:12,740 --> 00:29:19,370
a number of research organizations and

612
00:29:15,400 --> 00:29:22,040
we use GMOs regularly in our day-to-day

613
00:29:19,369 --> 00:29:24,979

work we thought in studying an

614

00:29:22,039 --> 00:29:29,019

initiative to promote and explain why

615

00:29:24,980 --> 00:29:32,029

emos are useful to people and society

616

00:29:29,019 --> 00:29:34,190

for my research using my molecular

617

00:29:32,029 --> 00:29:36,500

biology and I have moved to science

618

00:29:34,190 --> 00:29:39,049

communication and I'm working as a

619

00:29:36,500 --> 00:29:42,200

science illustrator and 3d animator a

620

00:29:39,049 --> 00:29:45,589

terrible design tourism you're here to

621

00:29:42,200 --> 00:29:47,120

talk today a special you run GMO only

622

00:29:45,589 --> 00:29:50,269

can you tell us a little bit about GMO

623

00:29:47,119 --> 00:29:53,799

only of course this is a small

624

00:29:50,269 --> 00:29:57,920

initiative of three three partners three

625

00:29:53,799 --> 00:30:02,480

scientists the working in plant genetics

626

00:29:57,920 --> 00:30:04,820

were exposed early to genetic technology

627

00:30:02,480 --> 00:30:08,329

biotechnology in aiding engineering

628
00:30:04,819 --> 00:30:10,428
genetic modification and we're aware of

629
00:30:08,329 --> 00:30:13,069
the benefits that the technology can

630
00:30:10,429 --> 00:30:15,800
bring to collapse in agriculture but

631
00:30:13,069 --> 00:30:18,980
also were worried or concerned about the

632
00:30:15,799 --> 00:30:22,460
slow adoption of these techniques due to

633
00:30:18,980 --> 00:30:24,200
the main streams concerns that exist in

634
00:30:22,460 --> 00:30:27,079
society so we can with this initiative

635
00:30:24,200 --> 00:30:32,090
to talk very clearly about GMOs explain

636
00:30:27,079 --> 00:30:33,980
things clearly to people I'm trying to

637
00:30:32,089 --> 00:30:36,500
promote the benefits that would have

638
00:30:33,980 --> 00:30:39,380
been seen is as being researchers we

639
00:30:36,500 --> 00:30:41,720
have seen all the benefits that EMS can

640
00:30:39,380 --> 00:30:44,000
have and all the bad press that

641
00:30:41,720 --> 00:30:46,910
being having another potential that it

642
00:30:44,000 --> 00:30:49,849
has so we tried to get to the general

643
00:30:46,910 --> 00:30:52,480
public and explain them what it is and

644
00:30:49,849 --> 00:30:54,319
what they can be use and why can be good

645
00:30:52,480 --> 00:30:57,589
why do you think there is such

646
00:30:54,319 --> 00:30:59,809
opposition to GMO I think there are a

647
00:30:57,589 --> 00:31:03,199
number of issues we discussed we will

648
00:30:59,809 --> 00:31:04,960
discuss today in the talk but in my

649
00:31:03,200 --> 00:31:07,130
opinion I think there is a lot of

650
00:31:04,960 --> 00:31:09,650
misunderstandings and different topic

651
00:31:07,130 --> 00:31:11,900
brought together into the e mo debate

652
00:31:09,650 --> 00:31:14,720
that are not necessarily linked with the

653
00:31:11,900 --> 00:31:18,740
biotechnology itself people mix things

654
00:31:14,720 --> 00:31:21,559
like this is only bringing benefit to

655
00:31:18,740 --> 00:31:23,509
big corporations all people bring things

656

00:31:21,559 --> 00:31:26,240
religious things like this is playing

657
00:31:23,509 --> 00:31:29,629
God but to be honest this is a

658
00:31:26,240 --> 00:31:30,819
technology the human has and is no

659
00:31:29,630 --> 00:31:34,580
difference to the use of mobile phones

660
00:31:30,819 --> 00:31:37,039
or the users all the things is just a

661
00:31:34,579 --> 00:31:41,179
tool and is how you use it to bring some

662
00:31:37,039 --> 00:31:43,899
benefits or negativity and in your world

663
00:31:41,180 --> 00:31:47,870
as a size communicator help you use your

664
00:31:43,900 --> 00:31:50,769
skills to promote GMO so I think our

665
00:31:47,869 --> 00:31:54,379
idea with the game only was making some

666
00:31:50,769 --> 00:31:56,089
impact phrases impact works trying to

667
00:31:54,380 --> 00:31:59,450
attract the people making it more

668
00:31:56,089 --> 00:32:01,549
attractive the the way of like for

669
00:31:59,450 --> 00:32:03,710
example with with the t-shirts the way

670
00:32:01,549 --> 00:32:05,389

of starting a conversation so you are

671

00:32:03,710 --> 00:32:08,090

wearing one of those teachers and people

672

00:32:05,390 --> 00:32:10,220

is asking you are normally mmm you are

673

00:32:08,089 --> 00:32:11,869

promoting the GMOs that that's we are

674

00:32:10,220 --> 00:32:13,339

why so that's when you start the

675

00:32:11,869 --> 00:32:15,709

conversation and try to display

676

00:32:13,339 --> 00:32:18,379

why we think they are good as a

677

00:32:15,710 --> 00:32:22,610

possibility and what do you think the

678

00:32:18,380 --> 00:32:26,230

biggest misconception about GMO I think

679

00:32:22,609 --> 00:32:29,359

the biggest misconception is thinking

680

00:32:26,230 --> 00:32:33,500

that is playing God I think it is

681

00:32:29,359 --> 00:32:35,779

because because since and firms have

682

00:32:33,500 --> 00:32:38,180

been insisting that the food that we are

683

00:32:35,779 --> 00:32:41,269

eating right now is totally different

684

00:32:38,180 --> 00:32:44,029

- let's call it natural way we'll be

685
00:32:41,269 --> 00:32:46,750
modifying in a different steps and now

686
00:32:44,029 --> 00:32:48,859
we can do this kind of steps faster but

687
00:32:46,750 --> 00:32:52,069
modification has been occurring because

688
00:32:48,859 --> 00:32:54,639
thus a lot of people in so we need to

689
00:32:52,069 --> 00:32:57,019
correct I felt as marina said

690
00:32:54,640 --> 00:33:00,020
distinguishing differentiate in this new

691
00:32:57,019 --> 00:33:02,150
way to create crops from the other way

692
00:33:00,019 --> 00:33:04,009
the people thing is more natural like

693
00:33:02,150 --> 00:33:07,570
traditional breeding of domestication

694
00:33:04,009 --> 00:33:10,279
while both things will go to the same

695
00:33:07,569 --> 00:33:13,759
finish line and the human has been very

696
00:33:10,279 --> 00:33:15,200
violent and I think that's it yeah okay

697
00:33:13,759 --> 00:33:16,700
well it looks like people are beginning

698
00:33:15,200 --> 00:33:20,029
to move in so I think we'll wrap this up

699
00:33:16,700 --> 00:33:21,769
so how can we can people find you and

700
00:33:20,029 --> 00:33:25,099
how can they find out more about GMO

701
00:33:21,769 --> 00:33:29,150
only well the issue where we'll be in

702
00:33:25,099 --> 00:33:31,189
Google Guillermo only calm but also we

703
00:33:29,150 --> 00:33:34,550
are quite active in Twitter especially

704
00:33:31,190 --> 00:33:39,200
so it is he also to find our Google so

705
00:33:34,549 --> 00:33:39,589
if you will GM only ok thank you very

706
00:33:39,200 --> 00:33:44,480
much

707
00:33:39,589 --> 00:33:44,480
[Music]

708
00:33:45,839 --> 00:33:52,079
[Laughter]

709
00:33:49,220 --> 00:33:55,470
aliens are probing people and mutilating

710
00:33:52,079 --> 00:33:57,629
cows 9/11 was an inside job

711
00:33:55,470 --> 00:34:00,329
I'm the oppa to clean up my athlete's

712
00:33:57,630 --> 00:34:03,000
foot vaccines cause autism

713

00:34:00,329 --> 00:34:06,149
not all the sockets at clematis lawn is

714
00:34:03,000 --> 00:34:07,890
definitely real we all have friends and

715
00:34:06,150 --> 00:34:10,530
family who believe these things and much

716
00:34:07,890 --> 00:34:12,599
more well if you're a rational thinker

717
00:34:10,530 --> 00:34:14,370
who is tired of arguing on social media

718
00:34:12,599 --> 00:34:16,589
and never getting anywhere we have a

719
00:34:14,369 --> 00:34:19,289
solution for you join the guerrilla

720
00:34:16,590 --> 00:34:21,660
skepticism on wikipedia team and we will

721
00:34:19,289 --> 00:34:23,789
teach you how to add reliable scientific

722
00:34:21,659 --> 00:34:25,609
and skeptical information to the world's

723
00:34:23,789 --> 00:34:28,230
number-one source of information

724
00:34:25,610 --> 00:34:30,300
Wikipedia we write new articles and

725
00:34:28,230 --> 00:34:32,309
improve existing ones we remove

726
00:34:30,300 --> 00:34:34,800
pseudoscience paranormal and altmed

727
00:34:32,309 --> 00:34:37,019

claims substituting the actual facts and

728

00:34:34,800 --> 00:34:39,030

we operate in many languages we've

729

00:34:37,019 --> 00:34:41,519

already reached tens of millions of

730

00:34:39,030 --> 00:34:43,320

people searching for information but as

731

00:34:41,519 --> 00:34:46,980

you can imagine we can never do enough

732

00:34:43,320 --> 00:34:49,289

so please join us all you need is a PC a

733

00:34:46,980 --> 00:34:51,750

Facebook account and the desire to help

734

00:34:49,289 --> 00:34:53,400

educate the planet in fact you'll be

735

00:34:51,750 --> 00:34:58,219

educating the world while you sleep

736

00:34:53,400 --> 00:35:01,820

contact us at G is Oh W team @ gmail.com

737

00:34:58,219 --> 00:35:05,959

guerrilla skepticism the time is now

738

00:35:01,820 --> 00:35:05,960

music by purple planet calm

739

00:35:08,860 --> 00:35:24,780

[Music]

740

00:35:24,909 --> 00:35:30,799

now in the last week the world saw

741

00:35:27,730 --> 00:35:34,340

action being taken against climate

742
00:35:30,800 --> 00:35:37,730
change in the form of large protests by

743
00:35:34,340 --> 00:35:40,220
students all around the world Sydney

744
00:35:37,730 --> 00:35:42,800
Australia was no an exception but I

745
00:35:40,219 --> 00:35:44,259
noticed also in in Europe and across the

746
00:35:42,800 --> 00:35:46,940
United States and other countries

747
00:35:44,260 --> 00:35:49,910
students marching out of school too much

748
00:35:46,940 --> 00:35:57,320
in support of action against climate

749
00:35:49,909 --> 00:35:59,690
change and this prompts me to once again

750
00:35:57,320 --> 00:36:03,470
go to the website of Australian skeptic

751
00:35:59,690 --> 00:36:05,240
skeptics Comden au to read the statement

752
00:36:03,469 --> 00:36:06,829
a recent statement put out by the Strand

753
00:36:05,239 --> 00:36:09,709
skeptics about climate change

754
00:36:06,829 --> 00:36:17,569
Australian skeptics Inc statement on

755
00:36:09,710 --> 00:36:20,090
climate change in 2010 Australian

756
00:36:17,570 --> 00:36:22,970
skeptics Inc released a statement about

757
00:36:20,090 --> 00:36:26,240
the troubling use of the term skeptics

758
00:36:22,969 --> 00:36:30,139
spelt with a k or sceptics spelt with a

759
00:36:26,239 --> 00:36:32,449
C in the context of climate change we

760
00:36:30,139 --> 00:36:36,519
now expand our position on so-called

761
00:36:32,449 --> 00:36:40,069
quote climate change skepticism in quote

762
00:36:36,519 --> 00:36:43,009
after more than 60 years of research the

763
00:36:40,070 --> 00:36:45,890
agreement amongst scientists is that the

764
00:36:43,010 --> 00:36:49,430
climate is changing and that change is

765
00:36:45,889 --> 00:36:51,619
mostly human-induced the agreement is as

766
00:36:49,429 --> 00:36:55,089
strong as that concerning evolution and

767
00:36:51,619 --> 00:36:58,159
the safety and efficacy of vaccines

768
00:36:55,090 --> 00:37:01,300
among experts disagreement about the

769
00:36:58,159 --> 00:37:03,649
core elements is almost non-existent

770

00:37:01,300 --> 00:37:06,170
scientists have been cautious in their

771
00:37:03,650 --> 00:37:08,809
assessment of the evidence over time

772
00:37:06,170 --> 00:37:12,170
most observations have turned out to be

773
00:37:08,809 --> 00:37:14,750
in the worst case range of predictions a

774
00:37:12,170 --> 00:37:17,690
far cry from the alarmism climate

775
00:37:14,750 --> 00:37:19,760
scientists are often accused off it is

776
00:37:17,690 --> 00:37:22,240
not just scientists that treat climate

777
00:37:19,760 --> 00:37:24,000
change is real and a serious threat

778
00:37:22,239 --> 00:37:26,729
organizations around the

779
00:37:24,000 --> 00:37:28,829
from militaries to food manufacturers to

780
00:37:26,730 --> 00:37:31,199
insurance companies are factoring the

781
00:37:28,829 --> 00:37:34,590
scientific predictions into their

782
00:37:31,199 --> 00:37:37,500
planning from a practical perspective we

783
00:37:34,590 --> 00:37:41,760
can indeed we must take climate change

784
00:37:37,500 --> 00:37:43,619

and its human cause as fact Australian

785

00:37:41,760 --> 00:37:47,340

skeptics Inc views climate change

786

00:37:43,619 --> 00:37:49,260

skepticism as a form of denialism like

787

00:37:47,340 --> 00:37:52,289

creationism and anti vaccination

788

00:37:49,260 --> 00:37:54,859

rhetoric it ignores the experts in the

789

00:37:52,289 --> 00:37:57,779

relevant fields and engages in

790

00:37:54,858 --> 00:38:00,598

conspiratorial thinking Australian

791

00:37:57,780 --> 00:38:03,450

skeptic Inc recognizes anthropogenic

792

00:38:00,599 --> 00:38:05,820

climate change as a pressing global

793

00:38:03,449 --> 00:38:07,919

concern we urge individuals

794

00:38:05,820 --> 00:38:10,109

organizations and governments to

795

00:38:07,920 --> 00:38:12,720

prioritize limiting greenhouse gas

796

00:38:10,108 --> 00:38:21,329

emissions and mitigate their negative

797

00:38:12,719 --> 00:38:22,799

effects and that is which is very

798

00:38:21,329 --> 00:38:25,199

relevant at the moment the Australian

799
00:38:22,800 --> 00:38:27,920
skeptics Inc statement on climate change

800
00:38:25,199 --> 00:38:33,139
and you can read that for yourself at

801
00:38:27,920 --> 00:38:33,139
WWC optics calm per day you

802
00:38:34,000 --> 00:38:54,469
[Music]

803
00:38:36,650 --> 00:38:58,160
I reach it

804
00:38:54,469 --> 00:38:59,568
oh hi Trish hi would you like a coffee

805
00:38:58,159 --> 00:39:01,969
yeah thanks what are you working on I'm

806
00:38:59,568 --> 00:39:03,818
trying to come up with a new promo to

807
00:39:01,969 --> 00:39:07,189
play on the sceptic zone who's it for

808
00:39:03,818 --> 00:39:09,920
the good thinking society in the UK you

809
00:39:07,190 --> 00:39:11,690
know the oh yeah I know them the guys

810
00:39:09,920 --> 00:39:13,760
who recently chased the homeopaths out

811
00:39:11,690 --> 00:39:15,829
of the UK Public Health System oh did

812
00:39:13,760 --> 00:39:17,028
they yeah they campaigned and lobbied

813
00:39:15,829 --> 00:39:20,180
government for a while and now you

814
00:39:17,028 --> 00:39:21,500
cannot get homeopathy on the NHS so they

815
00:39:20,179 --> 00:39:23,509
can now spend public money on health

816
00:39:21,500 --> 00:39:25,880
care that works Yeah right look I'll

817
00:39:23,510 --> 00:39:30,440
mention that in the promo now their

818
00:39:25,880 --> 00:39:32,298
website is good thinking Society org and

819
00:39:30,440 --> 00:39:34,760
that website is a good resource for

820
00:39:32,298 --> 00:39:36,259
learning more about quackery thanks

821
00:39:34,760 --> 00:39:38,528
Trish that gives me something good to

822
00:39:36,260 --> 00:39:38,528
think about

823
00:39:41,980 --> 00:39:45,329
[Music]

824
00:39:50,659 --> 00:39:56,098
thank you for listening to the skeptic

825
00:39:53,400 --> 00:39:58,380
zone and as you would have heard earlier

826
00:39:56,099 --> 00:40:00,869
in the show interviews from me

827

00:39:58,380 --> 00:40:02,400
Canberra skeptics and their meetups

828
00:40:00,869 --> 00:40:05,459
their meetings there's another one

829
00:40:02,400 --> 00:40:08,338
coming along on the 16th of April so

830
00:40:05,458 --> 00:40:10,698
early notification for this may the odds

831
00:40:08,338 --> 00:40:15,028
be ever in your favor

832
00:40:10,699 --> 00:40:17,880
superstitions and elite athletes elite

833
00:40:15,028 --> 00:40:21,568
sport as a healthy dose of uncertainty

834
00:40:17,880 --> 00:40:23,459
and the stakes are high athletes train

835
00:40:21,568 --> 00:40:26,639
hard to prepare mentally and physically

836
00:40:23,458 --> 00:40:29,248
to perform on the world stage learning

837
00:40:26,639 --> 00:40:31,978
to manage anxiety and get in the zone

838
00:40:29,248 --> 00:40:34,618
ooh maybe even in the sceptic zone is

839
00:40:31,978 --> 00:40:37,468
one way that sports psychologists help

840
00:40:34,619 --> 00:40:39,449
athletes Christine Dunn is a sports

841
00:40:37,469 --> 00:40:42,028

psychologist working in the Australian

842

00:40:39,449 --> 00:40:43,680

Capital Territory Academy of Sport she

843

00:40:42,028 --> 00:40:47,068

has worked in the Australian and British

844

00:40:43,679 --> 00:40:49,489

elite sport systems with previous roles

845

00:40:47,068 --> 00:40:52,079

at the Scottish Institute of Sport and

846

00:40:49,489 --> 00:40:54,630

Australian Institute of Sport well what

847

00:40:52,079 --> 00:40:59,759

that looks like a fascinating talk again

848

00:40:54,630 --> 00:41:02,699

if you head to wwk embrace skeptics org

849

00:40:59,759 --> 00:41:04,349

or look them up on Meetup you can find

850

00:41:02,699 --> 00:41:07,858

out more about that meeting that talk

851

00:41:04,349 --> 00:41:11,150

coming up on the 16th of April and thank

852

00:41:07,858 --> 00:41:15,150

you to those people because I was up

853

00:41:11,150 --> 00:41:17,759

very late last night I was up very late

854

00:41:15,150 --> 00:41:21,809

last night who went along to Maenads

855

00:41:17,759 --> 00:41:24,358

Love Shack in glebe just on Saturday

856
00:41:21,809 --> 00:41:26,130
night in Australia from the videos that

857
00:41:24,358 --> 00:41:28,139
were being streamed it looked like a

858
00:41:26,130 --> 00:41:30,809
great success everybody was having a

859
00:41:28,139 --> 00:41:33,958
huge time wish I could have been there

860
00:41:30,809 --> 00:41:35,699
sorry I wasn't there Maynard and I hope

861
00:41:33,958 --> 00:41:37,768
you have something like that again

862
00:41:35,699 --> 00:41:39,690
that was Maynard love shack but don't

863
00:41:37,768 --> 00:41:42,149
forget to check out maynard's podcasts

864
00:41:39,690 --> 00:41:44,670
and other work at Maynard comm dot au

865
00:41:42,150 --> 00:41:46,469
and I know I speak for Maynard when I

866
00:41:44,670 --> 00:41:49,619
say thank you to all those people who

867
00:41:46,469 --> 00:41:52,409
support his podcasts and the skeptic

868
00:41:49,619 --> 00:41:54,660
zone via patreon or PayPal and you can

869
00:41:52,409 --> 00:41:58,199
do that with the skeptic zone anyway at

870
00:41:54,659 --> 00:42:02,639
skeptical zone TV without the people who

871
00:41:58,199 --> 00:42:02,880
do contribute who do subscribe they

872
00:42:02,639 --> 00:42:05,368
would

873
00:42:02,880 --> 00:42:07,140
be no skeptical zone I hope to in the

874
00:42:05,369 --> 00:42:09,390
coming weeks once again visit the

875
00:42:07,139 --> 00:42:11,670
National Center for Science education in

876
00:42:09,389 --> 00:42:14,009
Oakland and talk to more of the

877
00:42:11,670 --> 00:42:16,769
fascinating researchers and scientists

878
00:42:14,009 --> 00:42:18,509
who work there as well as looking

879
00:42:16,768 --> 00:42:21,389
forward to some more reports coming in

880
00:42:18,509 --> 00:42:24,539
from my various reporters scattered

881
00:42:21,389 --> 00:42:27,028
around the world well mostly in

882
00:42:24,539 --> 00:42:28,859
Australia but for this week

883
00:42:27,028 --> 00:42:35,730
this is Richard Saunders signing off

884

00:42:28,858 --> 00:42:37,528
from the Bay Area San Francisco you've

885
00:42:35,730 --> 00:42:41,759
been listening to the skeptic zone

886
00:42:37,528 --> 00:42:45,329
podcast please visit our website at WWF

887
00:42:41,759 --> 00:42:47,909
Tech's on TV for show notes contacts and

888
00:42:45,329 --> 00:42:51,990
to access the bat catalog of episodes

889
00:42:47,909 --> 00:42:53,929
going back to 2008 you can follow the

890
00:42:51,989 --> 00:42:57,328
skeptic zone podcast on twitter at

891
00:42:53,929 --> 00:43:00,808
skeptic zone visit our facebook page or

892
00:42:57,329 --> 00:43:03,720
leave a review on itunes you can also

893
00:43:00,809 --> 00:43:06,750
support the skeptic zone via patreon or

894
00:43:03,719 --> 00:43:09,389
PayPal the skeptic zone podcast is an

895
00:43:06,750 --> 00:43:11,250
independent production the views and

896
00:43:09,389 --> 00:43:13,500
opinions expressed on the skeptic zone

897
00:43:11,250 --> 00:43:16,018
are not necessarily those of Australian

898
00:43:13,500 --> 00:43:18,739

skeptics or any other sceptical

899

00:43:16,018 --> 00:43:18,739
organisation

900

00:43:18,760 --> 00:43:32,380
oh he's doing his podcast yeah I

901

00:43:29,230 --> 00:43:34,269
recognize oh he gets in podcast mode I

902

00:43:32,380 --> 00:43:35,680
do and to those people who listen off

903

00:43:34,269 --> 00:43:37,989
for the music yes it's the dice game

904

00:43:35,679 --> 00:43:41,529
again I'm here with a Bay Area skeptics

905

00:43:37,989 --> 00:43:43,239
hi guy and it was what a thrill it was

906

00:43:41,530 --> 00:43:44,860
for me to give a talk here tonight in

907

00:43:43,239 --> 00:43:47,049
Berkeley about psychic detective

908

00:43:44,860 --> 00:43:48,910
fantastic thank you I really enjoy it

909

00:43:47,050 --> 00:43:51,250
it was a nice crowd that came up and I

910

00:43:48,909 --> 00:43:53,049
think there they injured it so anyway

911

00:43:51,250 --> 00:43:54,670
we're gonna do what we do occasionally

912

00:43:53,050 --> 00:43:56,470
on the Skip exam I've got a ten sided

913
00:43:54,670 --> 00:43:59,440
die right here can you all agree yes

914
00:43:56,469 --> 00:44:01,569
they're all examining intention so all

915
00:43:59,440 --> 00:44:02,889
those people who think I'd cheat I've

916
00:44:01,570 --> 00:44:05,050
got my referees here

917
00:44:02,889 --> 00:44:06,670
Eugenie Scott would you do the honors

918
00:44:05,050 --> 00:44:08,530
now Eugene he's gonna roll the die the

919
00:44:06,670 --> 00:44:11,559
first time folks at home use your

920
00:44:08,530 --> 00:44:13,600
psychic predicting power will it be one

921
00:44:11,559 --> 00:44:18,340
to ten here we go genies rolling the

922
00:44:13,599 --> 00:44:20,440
dice and it's number say six six is the

923
00:44:18,340 --> 00:44:23,260
first number folks bill and your was

924
00:44:20,440 --> 00:44:25,650
gonna be six alright here we go the next

925
00:44:23,260 --> 00:44:25,650
number is

926
00:44:25,679 --> 00:44:32,230
seven so you're so smart I knew is gonna

927
00:44:28,750 --> 00:44:37,088
be something J you did six seven and

928
00:44:32,230 --> 00:44:41,278
eight six seven eight

929
00:44:37,088 --> 00:44:41,278
Providence Watts Street

930
00:44:43,710 --> 00:44:50,970
we might need six seven eight okay one

931
00:44:47,619 --> 00:44:54,309
more special roll of the dice here we go

932
00:44:50,969 --> 00:44:56,078
four oh there goes that know what

933
00:44:54,309 --> 00:44:58,480
everybody in the room gets a turn here

934
00:44:56,079 --> 00:45:01,660
we go one more one more folks at home

935
00:44:58,480 --> 00:45:04,690
five one so there goes that straight

936
00:45:01,659 --> 00:45:14,348
theory now that we define we needed a

937
00:45:04,690 --> 00:45:22,000
five well that's right well you go I

938
00:45:14,349 --> 00:45:23,859
knew all the time come on obvious Oh

939
00:45:22,000 --> 00:45:27,009
someone who doesn't listen to the bid

940
00:45:23,858 --> 00:45:29,798
after the music of the booth okay so the

941

00:45:27,009 --> 00:45:31,389
game is I play with the audience to use

942
00:45:29,798 --> 00:45:32,980
your predicting power and see if you can

943
00:45:31,389 --> 00:45:34,568
use your psychic power to predict what

944
00:45:32,980 --> 00:45:36,548
I'm going to roll with the die and

945
00:45:34,568 --> 00:45:39,639
you've got a one in ten shot and people

946
00:45:36,548 --> 00:45:43,028
play along and was it you were telling

947
00:45:39,639 --> 00:45:45,278
me yeah he got him alright one week

948
00:45:43,028 --> 00:45:46,150
showing I think the last one in January

949
00:45:45,278 --> 00:45:51,250
yeah yeah

950
00:45:46,150 --> 00:45:55,240
ticket so 1003 normally at 73 he got the

951
00:45:51,250 --> 00:45:56,889
mold correction Kenyan state lottery

952
00:45:55,239 --> 00:46:00,669
numbers for don't think I can repeat it

953
00:45:56,889 --> 00:46:03,818
so you just have to repeat lottery

954
00:46:00,670 --> 00:46:05,500
numbers I've tried I have not yet been

955
00:46:03,818 --> 00:46:07,659

successful I don't know if you've ever

956

00:46:05,500 --> 00:46:11,199

seen the Darren brown system the Darren

957

00:46:07,659 --> 00:46:13,000

brown show the system where he tosses a

958

00:46:11,199 --> 00:46:14,768

coin 10 times in a row and it comes up

959

00:46:13,000 --> 00:46:16,559

heads every time and then he explains

960

00:46:14,768 --> 00:46:20,669

how he does it

961

00:46:16,559 --> 00:46:24,750

he does it he does it absolutely no is

962

00:46:20,670 --> 00:46:28,230

it possible of course it's fun look is

963

00:46:24,750 --> 00:46:31,440

it inevitable yes so how does he do it

964

00:46:28,230 --> 00:46:38,159

the same way that you test psychic

965

00:46:31,440 --> 00:46:40,230

detectives perseverance only shows that

966

00:46:38,159 --> 00:46:43,379

part of the video it's fantastic

967

00:46:40,230 --> 00:46:45,090

tossing a basketball over behind your

968

00:46:43,380 --> 00:46:47,490

head and getting and you just film it

969

00:46:45,090 --> 00:46:49,680

film it villain film it and you keep the

970
00:46:47,489 --> 00:46:53,189
one that works yes what's the name of

971
00:46:49,679 --> 00:46:57,599
that met the mathematician from Stanford

972
00:46:53,190 --> 00:47:00,599
persi diaconis yeah he can flip he can

973
00:46:57,599 --> 00:47:03,750
flip yep

974
00:47:00,599 --> 00:47:05,339
cuz he's really good at practiced for a

975
00:47:03,750 --> 00:47:07,980
long time it's not like he's just taping

976
00:47:05,340 --> 00:47:09,870
the the hits so you know there are wait

977
00:47:07,980 --> 00:47:11,610
this is why we have magicians boys and

978
00:47:09,869 --> 00:47:13,289
girls here we have people who are very

979
00:47:11,610 --> 00:47:15,120
good at sleight of hand and very good at

980
00:47:13,289 --> 00:47:16,590
tricking and this is why folks if you

981
00:47:15,119 --> 00:47:19,119
live in the Bay Area you should join the

982
00:47:16,590 --> 00:47:22,199
Bay Area skip

983
00:47:19,119 --> 00:47:22,199
[Applause]

