

1
00:00:00,000 --> 00:00:08,849
no time to spread the Vegemite on here

2
00:00:04,440 --> 00:00:11,849
we go this is the way we scraped it on

3
00:00:08,849 --> 00:00:13,949
spread their dong spread it on this is

4
00:00:11,849 --> 00:00:19,910
the way we spread it up for cheesy

5
00:00:13,949 --> 00:00:19,910
Vegemite scroll yeah

6
00:00:26,320 --> 00:00:34,090
welcome to the skeptic zone the podcast

7
00:00:29,509 --> 00:00:34,090
from Australia for science and reason

8
00:00:40,539 --> 00:00:47,000
hello and welcome to the skeptic zone

9
00:00:43,369 --> 00:00:49,429
episode number 96 for the 20th of august

10
00:00:47,000 --> 00:00:53,359
2010 Richard Saunders here with you once

11
00:00:49,429 --> 00:00:55,789
again from Sydney Australia episode 96

12
00:00:53,359 --> 00:00:59,570
good grief so it's about a month away

13
00:00:55,789 --> 00:01:01,670
until our big 100th show which all more

14
00:00:59,570 --> 00:01:04,308
or less coincide with our parents at

15
00:01:01,670 --> 00:01:06,859
dragoncon very shortly I will do a

16
00:01:04,308 --> 00:01:08,329
special birthday recording of the

17
00:01:06,859 --> 00:01:11,599
skeptical zone it'll be our two year

18
00:01:08,329 --> 00:01:13,399
anniversary all that's coming up but

19
00:01:11,599 --> 00:01:16,368
coming up on today's show we have an

20
00:01:13,399 --> 00:01:19,368
interview with bannerchek the famous

21
00:01:16,368 --> 00:01:20,840
Mentalist and magician now he's taken

22
00:01:19,368 --> 00:01:23,899
over at the James Randi Educational

23
00:01:20,840 --> 00:01:25,609
Foundation as the man responsible for

24
00:01:23,899 --> 00:01:29,289
looking after the 1 million dollar

25
00:01:25,609 --> 00:01:31,579
challenge more about Banacek soon and

26
00:01:29,289 --> 00:01:34,368
that'll be followed by a brief report

27
00:01:31,579 --> 00:01:36,590
from Canberra skeptics in the pub where

28
00:01:34,368 --> 00:01:39,228
last weekend dr. Rachel and I traveled

29

00:01:36,590 --> 00:01:42,549
down to give out talks I gave my talk on

30
00:01:39,228 --> 00:01:46,099
basic skepticism and dr. H she gave her

31
00:01:42,549 --> 00:01:49,700
doctor rachey reports talk after that

32
00:01:46,099 --> 00:01:51,799
it's dr. Reggie reports indeed looking

33
00:01:49,700 --> 00:01:54,618
once again at the latest shenanigans by

34
00:01:51,799 --> 00:01:57,439
those people at the anti-vaccination

35
00:01:54,618 --> 00:01:59,989
network and to wrap up the show we have

36
00:01:57,439 --> 00:02:03,679
the think tank a lengthy think tank

37
00:01:59,989 --> 00:02:05,660
today of lots of laughs a big thank you

38
00:02:03,679 --> 00:02:09,348
to all those people who are support the

39
00:02:05,659 --> 00:02:11,389
skeptical zone by simply subscribing for

40
00:02:09,348 --> 00:02:14,209
only a dollar a week and you can do that

41
00:02:11,389 --> 00:02:16,159
at skeptical zone TV every cent really

42
00:02:14,209 --> 00:02:18,110
does help us make the show and do things

43
00:02:16,159 --> 00:02:20,870

like travel about to reach lots and lots

44

00:02:18,110 --> 00:02:22,489

of people we are very very grateful

45

00:02:20,870 --> 00:02:26,629

indeed for all those people who helped

46

00:02:22,489 --> 00:02:29,200

us out in that way so it's time to sit

47

00:02:26,628 --> 00:02:33,818

back grab that lovely cappuccino and

48

00:02:29,199 --> 00:02:33,818

enjoy this week's skeptic zone

49

00:02:47,800 --> 00:02:53,210

Steve Shaw better known as Banacek was

50

00:02:51,530 --> 00:02:56,240

born in England but raised in South

51

00:02:53,210 --> 00:02:59,090

Africa and Australia he has been

52

00:02:56,240 --> 00:03:03,140

performing magic since his arrival in

53

00:02:59,090 --> 00:03:05,000

the United States in 1976 bannercek is

54

00:03:03,139 --> 00:03:07,250

renowned for fooling scientists at

55

00:03:05,000 --> 00:03:09,289

Washington University into believing

56

00:03:07,250 --> 00:03:11,689

that he supposed psychic abilities were

57

00:03:09,289 --> 00:03:15,679

genuine during the famous project alpha

58
00:03:11,689 --> 00:03:16,879
hoax in the early 1980s right now he is

59
00:03:15,680 --> 00:03:20,120
part of the James Randi Educational

60
00:03:16,879 --> 00:03:22,759
Foundation having just taken over the 1

61
00:03:20,120 --> 00:03:24,860
million dollar prize I caught up with

62
00:03:22,759 --> 00:03:28,179
the banner check at the amazing meeting

63
00:03:24,860 --> 00:03:28,180
8 in Las Vegas

64
00:03:34,180 --> 00:03:39,019
and I'm delighted now to be back here in

65
00:03:37,159 --> 00:03:40,848
Las Vegas talking to van and check

66
00:03:39,019 --> 00:03:43,280
himself hi bana check hi good to be here

67
00:03:40,848 --> 00:03:45,560
now you've had an interesting morning I

68
00:03:43,280 --> 00:03:47,870
understand you've just been driving down

69
00:03:45,560 --> 00:03:49,878
Las Vegas Boulevard blindfold yeah you

70
00:03:47,870 --> 00:03:51,378
know there's an Australian television

71
00:03:49,878 --> 00:03:52,729
crew here and they're shooting and

72
00:03:51,378 --> 00:03:55,280
they're shooting a peace with myself and

73
00:03:52,729 --> 00:03:56,810
Randy and it's interesting that's a

74
00:03:55,280 --> 00:04:00,739
little plaything at this guy try to fool

75
00:03:56,810 --> 00:04:02,299
us with a crystal ball and everything

76
00:04:00,739 --> 00:04:05,420
and using modern technology but we

77
00:04:02,299 --> 00:04:07,189
busted him right away on it and he said

78
00:04:05,419 --> 00:04:09,738
you know what what do you think I could

79
00:04:07,189 --> 00:04:11,359
I could actually do to try to get the

80
00:04:09,739 --> 00:04:12,700
attention of the media because I told

81
00:04:11,360 --> 00:04:16,370
him he needed to get some media presence

82
00:04:12,699 --> 00:04:17,689
in order to be tested again and you know

83
00:04:16,370 --> 00:04:19,370
he said what what do you think i can do

84
00:04:17,689 --> 00:04:20,750
i said well let me show you and so we

85
00:04:19,370 --> 00:04:22,550
took him on a blindfold drive and his

86

00:04:20,750 --> 00:04:24,560
crew down Las Vegas Boulevard and some

87
00:04:22,550 --> 00:04:28,220
of the back roads down there here about

88
00:04:24,560 --> 00:04:31,009
peed their pants so that's a yeah that's

89
00:04:28,220 --> 00:04:33,289
a good start now I've been certainly am

90
00:04:31,009 --> 00:04:36,050
an admirer of yours for a long time and

91
00:04:33,288 --> 00:04:39,019
I four or five years ago I bought your

92
00:04:36,050 --> 00:04:40,970
DVD series which taught me all well

93
00:04:39,019 --> 00:04:43,250
taught me more I must say about

94
00:04:40,970 --> 00:04:45,350
metalbending not in mending thinking I

95
00:04:43,250 --> 00:04:46,759
can sincerely recommend recommend that

96
00:04:45,350 --> 00:04:49,689
that looked like it was a fun thing to

97
00:04:46,759 --> 00:04:52,579
shoot that it was a fun thing to shoot

98
00:04:49,689 --> 00:04:53,899
in 11 air but yeah there was so much it

99
00:04:52,579 --> 00:04:56,538
happen behind the season that we shot

100
00:04:53,899 --> 00:04:57,739

that whole DVD three times first time I

101

00:04:56,538 --> 00:04:59,719

got it back and then they had a problem

102

00:04:57,740 --> 00:05:01,819

with one of the channels on the mics um

103

00:04:59,720 --> 00:05:03,680

so then we have to fly all the way up to

104

00:05:01,819 --> 00:05:04,759

Connecticut and shoot it again and then

105

00:05:03,680 --> 00:05:06,769

when we were there we're shooting in

106

00:05:04,759 --> 00:05:08,629

some persons camera place and they kept

107

00:05:06,769 --> 00:05:09,769

having people come and go so then we had

108

00:05:08,629 --> 00:05:12,409

to stop and then we have to shoot again

109

00:05:09,769 --> 00:05:14,180

at night so in that aspect it was a pain

110

00:05:12,410 --> 00:05:16,580

in the butt to shoot yeah but overall

111

00:05:14,180 --> 00:05:17,870

I'm glad I did it I I'm proud of it I

112

00:05:16,579 --> 00:05:19,009

think there's some really good stuff on

113

00:05:17,870 --> 00:05:20,959

there all the metal bins that I

114

00:05:19,009 --> 00:05:22,189

invention and I have to do that because

115
00:05:20,959 --> 00:05:24,620
there was other people you're putting

116
00:05:22,189 --> 00:05:27,228
out dvds and tapes that had my benz on

117
00:05:24,620 --> 00:05:29,149
them so any lady credit yeah it's one of

118
00:05:27,228 --> 00:05:31,038
the reasons i got started when in magic

119
00:05:29,149 --> 00:05:32,750
putting out a lot of my stuff my very

120
00:05:31,038 --> 00:05:36,050
first thing is psychokinetic time and

121
00:05:32,750 --> 00:05:38,089
years ago when her gala was doing things

122
00:05:36,050 --> 00:05:39,919
thing with watches randy was going on TV

123
00:05:38,089 --> 00:05:41,479
and he was actually exposing the method

124
00:05:39,918 --> 00:05:43,310
of yes I'm pointing up the state

125
00:05:41,480 --> 00:05:45,290
changing the time yes I said well how

126
00:05:43,310 --> 00:05:47,060
can I convince people that I'm not

127
00:05:45,290 --> 00:05:48,379
pulling out the stem and I thought you

128
00:05:47,060 --> 00:05:49,730
know what if they take their watch off

129
00:05:48,379 --> 00:05:51,139
and I put it facedown in their hand and

130
00:05:49,730 --> 00:05:52,970
now I asked him the name and number

131
00:05:51,139 --> 00:05:54,949
after their hand is closed on it but I

132
00:05:52,970 --> 00:05:56,390
make the hands move that many minutes

133
00:05:54,949 --> 00:05:57,769
that would convince them I'm not pulling

134
00:05:56,389 --> 00:05:59,000
out the stem because I'm not touching to

135
00:05:57,769 --> 00:06:00,919
watch I'm far away from it and they

136
00:05:59,000 --> 00:06:03,019
named the number and that was the first

137
00:06:00,920 --> 00:06:06,290
effect one of the very first effects I

138
00:06:03,019 --> 00:06:07,909
actually put out per se and couldn't

139
00:06:06,290 --> 00:06:09,710
give them away back in the day and now

140
00:06:07,910 --> 00:06:11,150
every single Mentalist out there is

141
00:06:09,709 --> 00:06:12,889
performing psychokinetic time they're

142
00:06:11,149 --> 00:06:15,199
all performing it but the reason I put

143

00:06:12,889 --> 00:06:18,110
it out was I had taught a young magician

144
00:06:15,199 --> 00:06:19,670
the effect and I watched him later and

145
00:06:18,110 --> 00:06:23,030
saw him doing any was doing it very

146
00:06:19,670 --> 00:06:24,920
badly it was almost exposure uh-huh oh

147
00:06:23,029 --> 00:06:27,199
my god this is bad okay I better put all

148
00:06:24,920 --> 00:06:29,210
my subtleties into this book so other

149
00:06:27,199 --> 00:06:31,370
people can understand it and part of the

150
00:06:29,209 --> 00:06:33,769
intro to that book was mentioning this

151
00:06:31,370 --> 00:06:35,389
young man not by name and he calls me up

152
00:06:33,769 --> 00:06:36,649
on the telephone one day all excited oh

153
00:06:35,389 --> 00:06:39,379
you mention me in the book thank you

154
00:06:36,649 --> 00:06:41,839
thank you thank you why would you thank

155
00:06:39,379 --> 00:06:44,029
me for that you know and so a lot of

156
00:06:41,839 --> 00:06:46,189
times magicians put out their own

157
00:06:44,029 --> 00:06:47,599

material that they use specifically so

158

00:06:46,189 --> 00:06:49,579

that they can lay claim to it before

159

00:06:47,600 --> 00:06:51,710

somebody else does it's very cutthroat

160

00:06:49,579 --> 00:06:54,800

world magicians yeah really it is yeah

161

00:06:51,709 --> 00:06:57,500

unfortunately the video also has a

162

00:06:54,800 --> 00:07:00,199

sequence of course with you with a small

163

00:06:57,500 --> 00:07:02,329

audience so you can show how you present

164

00:07:00,199 --> 00:07:04,310

all the stuff I put out is real world

165

00:07:02,329 --> 00:07:05,959

stuff I mean other people of some

166

00:07:04,310 --> 00:07:07,339

magicians will try something once or

167

00:07:05,959 --> 00:07:11,029

they've never tried it and I put it on a

168

00:07:07,339 --> 00:07:12,739

DVD everything I put on my DVDs is real

169

00:07:11,029 --> 00:07:14,750

world it works in the real world you

170

00:07:12,740 --> 00:07:18,530

know and it will fool people it will end

171

00:07:14,750 --> 00:07:20,509

in the DVD to it they're seen you in

172
00:07:18,529 --> 00:07:21,709
restaurant absolutely yeah yeah yeah and

173
00:07:20,509 --> 00:07:23,389
you can see that you can see the actual

174
00:07:21,709 --> 00:07:25,399
reactions from the people yeah so the

175
00:07:23,389 --> 00:07:27,050
little crowd you had with the friends or

176
00:07:25,399 --> 00:07:28,429
don't cry don't know any of those beauty

177
00:07:27,050 --> 00:07:29,960
no no you just arrested on just a

178
00:07:28,430 --> 00:07:31,129
restaurant yeah just walking you say

179
00:07:29,959 --> 00:07:32,599
that manager hey can we know we're

180
00:07:31,129 --> 00:07:35,449
shooting a documentary documentary

181
00:07:32,600 --> 00:07:36,920
sounds better than a magic DVD you

182
00:07:35,449 --> 00:07:37,849
probably get some publicity as a result

183
00:07:36,920 --> 00:07:39,530
of it you know do you mind if we

184
00:07:37,850 --> 00:07:41,060
shooting you are no problem at all yes

185
00:07:39,529 --> 00:07:42,649
you know we always have to check and

186
00:07:41,060 --> 00:07:43,819
make sure that people hey do you mind if

187
00:07:42,649 --> 00:07:45,500
we show you something where we have a

188
00:07:43,819 --> 00:07:46,969
camera crew here okay I get them on

189
00:07:45,500 --> 00:07:48,829
camera saying they don't mind so yeah

190
00:07:46,970 --> 00:07:50,169
yeah it is just real world people

191
00:07:48,829 --> 00:07:52,209
nothing set up and the great

192
00:07:50,168 --> 00:07:54,098
reactions to the twists yeah yeah well

193
00:07:52,209 --> 00:07:56,408
getting director yeah now of course yo

194
00:07:54,098 --> 00:07:57,819
speaking of as metal bending is very

195
00:07:56,408 --> 00:07:59,288
dear to your heart because it's

196
00:07:57,819 --> 00:08:01,060
something that really sort of

197
00:07:59,288 --> 00:08:04,060
kick-started you into this whole world

198
00:08:01,060 --> 00:08:05,709
yes I was inventing your own bends when

199
00:08:04,060 --> 00:08:07,629
you were hearing about every girl you

200

00:08:05,709 --> 00:08:09,788
know what's what's interesting is is I

201
00:08:07,629 --> 00:08:11,349
had heard about early but I'd never seen

202
00:08:09,788 --> 00:08:12,788
early i lived in South Africa when he

203
00:08:11,348 --> 00:08:14,918
came to South Africa and I remember

204
00:08:12,788 --> 00:08:16,478
holding a little pin and being convinced

205
00:08:14,918 --> 00:08:17,859
that I could bend this pin even though

206
00:08:16,478 --> 00:08:19,359
I'd never been I kind of was just

207
00:08:17,860 --> 00:08:21,460
looking for something oh I think it

208
00:08:19,360 --> 00:08:23,620
might have you know compelling and that

209
00:08:21,459 --> 00:08:25,508
was because all the adults told me

210
00:08:23,620 --> 00:08:27,098
around me they all believed in it and so

211
00:08:25,509 --> 00:08:29,169
they told me it was real so if all the

212
00:08:27,098 --> 00:08:31,478
adults telling you it's real it has to

213
00:08:29,168 --> 00:08:32,948
be real so I was convinced it was and it

214
00:08:31,478 --> 00:08:34,240

was until I read Randy's book that I

215

00:08:32,948 --> 00:08:36,399

thought there might be another side to

216

00:08:34,240 --> 00:08:38,620

this and from Randy's book the truth

217

00:08:36,399 --> 00:08:40,958

about uri geller I was able to piece in

218

00:08:38,620 --> 00:08:42,549

my own mind what the Ben should look

219

00:08:40,958 --> 00:08:45,009

like and take some of the ideas of

220

00:08:42,549 --> 00:08:47,169

Randy's and and and impose him on my own

221

00:08:45,009 --> 00:08:49,600

thoughts and come up with my own methods

222

00:08:47,169 --> 00:08:50,860

for bending metal which were it's

223

00:08:49,600 --> 00:08:52,839

interesting cuz i was on the same stage

224

00:08:50,860 --> 00:08:54,339

with early years ago when i was

225

00:08:52,839 --> 00:08:56,170

pretending to be psychic and her return

226

00:08:54,339 --> 00:08:57,970

and he said these kids myself and mike

227

00:08:56,169 --> 00:09:00,639

edwards theatre stood on the project

228

00:08:57,970 --> 00:09:02,829

alpha well um yeah he said these kids

229
00:09:00,639 --> 00:09:04,809
can do things I can't do and I was doing

230
00:09:02,828 --> 00:09:06,578
things he couldn't do like big twists

231
00:09:04,809 --> 00:09:08,708
and different Ben's in the time Ben and

232
00:09:06,578 --> 00:09:11,409
the interesting thing was when I saw

233
00:09:08,708 --> 00:09:13,119
yellow for the very first time you never

234
00:09:11,409 --> 00:09:14,559
actually saw the metal bending you know

235
00:09:13,120 --> 00:09:16,149
but I have always convinced prior that

236
00:09:14,559 --> 00:09:17,500
you would see the metal bending but it

237
00:09:16,149 --> 00:09:18,759
was always a thing of covering the

238
00:09:17,500 --> 00:09:20,769
four-cross food and then taking your

239
00:09:18,759 --> 00:09:22,990
hand away that was bent yeah so not

240
00:09:20,769 --> 00:09:25,060
knowing that but hearing that the metal

241
00:09:22,990 --> 00:09:26,169
continues to bend hearing already oh look

242
00:09:25,059 --> 00:09:28,328
you can see it bending and people being

243
00:09:26,169 --> 00:09:30,309
convinced that it could yes I thought

244
00:09:28,328 --> 00:09:32,229
that every Bend had to be a bend where

245
00:09:30,309 --> 00:09:34,208
you could actually use issue at bending

246
00:09:32,230 --> 00:09:35,800
so that's why i created my benz that way

247
00:09:34,208 --> 00:09:39,009
so it's good that i hadn't seen him up

248
00:09:35,799 --> 00:09:41,620
to that point it's I've had a somebody

249
00:09:39,009 --> 00:09:43,480
in Australia when I interviewed me one

250
00:09:41,620 --> 00:09:45,879
stage or other and I said but every

251
00:09:43,480 --> 00:09:48,490
giver he just picks up the spoon looks

252
00:09:45,879 --> 00:09:50,259
at it and melts doesn't it and people oh

253
00:09:48,490 --> 00:09:52,240
that because that's the verbiage it's

254
00:09:50,259 --> 00:09:53,649
been put out there you know now gallows

255
00:09:52,240 --> 00:09:55,480
advanced some I think in some of the

256
00:09:53,649 --> 00:09:57,100
bends from what I had seen in the early

257

00:09:55,480 --> 00:09:59,050
days and some of the bends you actually

258
00:09:57,100 --> 00:10:01,690
see bending oh you know I

259
00:09:59,049 --> 00:10:05,169
don't know if I influenced that or maybe

260
00:10:01,690 --> 00:10:06,640
not you know but he now the key was one

261
00:10:05,169 --> 00:10:08,439
that you actually did see they do that

262
00:10:06,639 --> 00:10:10,539
was one of the few that you and the nail

263
00:10:08,440 --> 00:10:12,339
that was the few that you actually saw

264
00:10:10,539 --> 00:10:14,829
the item bending yeah back in the early

265
00:10:12,339 --> 00:10:17,200
days you get that's right I remember

266
00:10:14,830 --> 00:10:20,050
seeing what I've got quite a collection

267
00:10:17,200 --> 00:10:22,000
of Gilliam videos and now on the

268
00:10:20,049 --> 00:10:23,708
Internet of course everything I can go

269
00:10:22,000 --> 00:10:25,179
through YouTube and it's all there I

270
00:10:23,708 --> 00:10:26,949
don't know why I bother even and

271
00:10:25,179 --> 00:10:28,838

capturing it to my own computer because

272

00:10:26,950 --> 00:10:32,140

it's it's there for the world to see and

273

00:10:28,839 --> 00:10:34,990

I once put out a little video myself

274

00:10:32,139 --> 00:10:37,929

where he was doing a key bend to show

275

00:10:34,990 --> 00:10:40,778

that the angle had not changed yeah yeah

276

00:10:37,929 --> 00:10:42,729

from beginning to end and gala had it

277

00:10:40,778 --> 00:10:45,159

removed off my youtube channel did he

278

00:10:42,730 --> 00:10:48,339

yeah Oh what is my connection of the

279

00:10:45,159 --> 00:10:50,259

regular ah yeah yeah well you know he

280

00:10:48,339 --> 00:10:52,120

has the rights to a lot of that stuff or

281

00:10:50,259 --> 00:10:53,919

utilizes people that do have the rights

282

00:10:52,120 --> 00:10:57,159

to get that stuff removed so he's still

283

00:10:53,919 --> 00:11:00,909

um you know he's apart from being famous

284

00:10:57,159 --> 00:11:02,799

for his metal bending abilities yeah we

285

00:11:00,909 --> 00:11:04,629

say he's also famous for being

286
00:11:02,799 --> 00:11:06,069
incredibly led to do stand suing at the

287
00:11:04,629 --> 00:11:08,789
drop of a hat I don't know if he's still

288
00:11:06,070 --> 00:11:11,920
that carried away I heard Wiseman got

289
00:11:08,789 --> 00:11:13,389
sued recently you know over something

290
00:11:11,919 --> 00:11:14,889
because in England it's interesting that

291
00:11:13,389 --> 00:11:17,949
libel laws are now changing over there

292
00:11:14,889 --> 00:11:20,199
um it's not what your intent over there

293
00:11:17,950 --> 00:11:22,690
it's what people take away from what you

294
00:11:20,200 --> 00:11:24,759
say and there was something i think that

295
00:11:22,690 --> 00:11:27,100
early may have been told that Wiseman

296
00:11:24,759 --> 00:11:29,559
said that people walked away with a

297
00:11:27,100 --> 00:11:31,629
certain belief but Wiseman taped it and

298
00:11:29,559 --> 00:11:33,879
was able to show no no h-he really does

299
00:11:31,629 --> 00:11:35,379
but he taped his talk and was able to

300
00:11:33,879 --> 00:11:37,689
show know people could not have walked

301
00:11:35,379 --> 00:11:39,250
away believing that unless they wanted

302
00:11:37,690 --> 00:11:40,899
to you know but there's no they would

303
00:11:39,250 --> 00:11:43,028
have had to insert it some some of their

304
00:11:40,899 --> 00:11:44,289
own personal thoughts majorly have to

305
00:11:43,028 --> 00:11:48,070
have done that so he's able to get out

306
00:11:44,289 --> 00:11:50,549
of that suit yeah yeah it's it's quite

307
00:11:48,070 --> 00:11:52,200
interesting sometimes I do

308
00:11:50,549 --> 00:11:55,708
in Australia for schools high school

309
00:11:52,200 --> 00:11:58,410
team and I begin with a classic spoon

310
00:11:55,708 --> 00:12:00,750
mend and what I really love is the fact

311
00:11:58,409 --> 00:12:03,778
that all the students have never seen it

312
00:12:00,750 --> 00:12:06,019
ya know yes it was a spoon bending now

313
00:12:03,778 --> 00:12:09,389
you'd think if it was a legitimate magic

314

00:12:06,019 --> 00:12:11,129
psychic thing way back in the seventies

315
00:12:09,389 --> 00:12:12,958
that would be entrenched in our society

316
00:12:11,129 --> 00:12:14,850
by now but now the kids happen you know

317
00:12:12,958 --> 00:12:16,109
every generation is different and and

318
00:12:14,850 --> 00:12:17,339
and that's one of the things about this

319
00:12:16,110 --> 00:12:19,320
you know we can only deal with the here

320
00:12:17,339 --> 00:12:20,579
and now it's interesting you mentioned

321
00:12:19,320 --> 00:12:22,110
schools because I used to do a lot of

322
00:12:20,578 --> 00:12:23,879
schools at one point and I would come

323
00:12:22,110 --> 00:12:25,259
out and I would perform i would do

324
00:12:23,879 --> 00:12:26,970
impossible things and then i would ask

325
00:12:25,259 --> 00:12:28,528
the students i say how many of you

326
00:12:26,970 --> 00:12:30,000
believe that what you just saw was real

327
00:12:28,528 --> 00:12:31,769
and ninety percent of the hands would go

328
00:12:30,000 --> 00:12:33,990

up because it really look real you know

329

00:12:31,769 --> 00:12:36,240

them they had no explanation and I say

330

00:12:33,990 --> 00:12:38,639

how many people do not believe and you

331

00:12:36,240 --> 00:12:40,860

see us they five six seven hands go up

332

00:12:38,639 --> 00:12:42,269

you know and and then I would say to him

333

00:12:40,860 --> 00:12:43,950

I say why don't you think it's real and

334

00:12:42,269 --> 00:12:45,480

the person says well because my dad told

335

00:12:43,950 --> 00:12:46,709

me that stuff's not real and then I'd

336

00:12:45,480 --> 00:12:47,970

asked another kid I said why don't you

337

00:12:46,708 --> 00:12:49,528

think it's real oh because i read in a

338

00:12:47,970 --> 00:12:51,389

paper or a book that it's not real and

339

00:12:49,528 --> 00:12:52,528

and those are the kind of answers i was

340

00:12:51,389 --> 00:12:53,909

getting and then i would turn to those

341

00:12:52,528 --> 00:12:55,019

five six people i say you know you're

342

00:12:53,909 --> 00:12:56,639

right and they'd get a big smile on

343
00:12:55,019 --> 00:12:59,250
their face that's it but for the wrong

344
00:12:56,639 --> 00:13:00,569
reasons yeah yeah I said you know these

345
00:12:59,250 --> 00:13:03,208
other kids saw something they couldn't

346
00:13:00,570 --> 00:13:05,250
explain and hence they believe that what

347
00:13:03,208 --> 00:13:06,149
they saw was real about maybe they

348
00:13:05,250 --> 00:13:08,820
should have SAT back and said I don't

349
00:13:06,149 --> 00:13:10,200
have enough facts but you were doing the

350
00:13:08,820 --> 00:13:11,459
exact same thing was just in a different

351
00:13:10,200 --> 00:13:12,778
way really what you're doing is you're

352
00:13:11,458 --> 00:13:14,759
sitting back and you're going on what

353
00:13:12,778 --> 00:13:16,889
somebody else tells you let me tell you

354
00:13:14,759 --> 00:13:18,838
a story when I was a kid all the adults

355
00:13:16,889 --> 00:13:21,120
around me told me that this man was

356
00:13:18,839 --> 00:13:23,070
really convince mind and so I believed

357
00:13:21,120 --> 00:13:24,539
it you know and they had told me it

358
00:13:23,070 --> 00:13:26,640
wasn't real I would have believed that

359
00:13:24,539 --> 00:13:28,439
too you're much better off saying I

360
00:13:26,639 --> 00:13:29,970
don't know and that's part of the

361
00:13:28,440 --> 00:13:31,829
problem with the educational process now

362
00:13:29,970 --> 00:13:34,019
is kids are so scared to say I don't

363
00:13:31,828 --> 00:13:35,669
know and sometimes that's the smartest

364
00:13:34,019 --> 00:13:38,039
answer you can give because the moment

365
00:13:35,669 --> 00:13:40,769
you say I don't know you can add to that

366
00:13:38,039 --> 00:13:43,049
but I will find out somebody who does oh

367
00:13:40,769 --> 00:13:44,370
I will look for the answer and then you

368
00:13:43,049 --> 00:13:46,409
go out and you look for the right person

369
00:13:44,370 --> 00:13:47,730
and that's that that is often the

370
00:13:46,409 --> 00:13:49,769
problem with the skeptics movement too

371

00:13:47,730 --> 00:13:51,269
isn't it I mean you get skeptical about

372
00:13:49,769 --> 00:13:52,320
things you get a lot of information

373
00:13:51,269 --> 00:13:54,120
about all these different things and you

374
00:13:52,320 --> 00:13:56,040
think you know everything you know and

375
00:13:54,120 --> 00:13:57,509
you don't you know I you know Phil Plait

376
00:13:56,039 --> 00:13:59,009
gave a talk yesterday one of the things

377
00:13:57,509 --> 00:13:59,259
he said when people come up to him you

378
00:13:59,009 --> 00:14:01,090
know

379
00:13:59,259 --> 00:14:02,830
no he's a skeptic as long as they're

380
00:14:01,090 --> 00:14:05,139
talking about astrology he's okay he's

381
00:14:02,830 --> 00:14:06,310
fine because he does know that stuff but

382
00:14:05,139 --> 00:14:07,750
the moment they start talking about

383
00:14:06,309 --> 00:14:09,369
things outside of his area immediately

384
00:14:07,750 --> 00:14:11,049
says look you know I'm skeptical about

385
00:14:09,370 --> 00:14:12,700

it but you know here's a person you

386

00:14:11,049 --> 00:14:14,769

should speak to I'm not the person to

387

00:14:12,700 --> 00:14:16,150

speak to about that but so many skeptics

388

00:14:14,769 --> 00:14:17,649

don't do that you know they just take

389

00:14:16,149 --> 00:14:18,819

the little bits of information that they

390

00:14:17,649 --> 00:14:21,129

have and they throw it out there to

391

00:14:18,820 --> 00:14:22,180

support their argument when they're much

392

00:14:21,129 --> 00:14:24,189

better off saying you know what I'm

393

00:14:22,179 --> 00:14:25,809

skeptical about it you know because of

394

00:14:24,190 --> 00:14:27,640

this this and this but I don't have all

395

00:14:25,809 --> 00:14:29,049

the facts and there's nothing wrong with

396

00:14:27,639 --> 00:14:31,480

saying there's nothing wrong with saying

397

00:14:29,049 --> 00:14:33,639

it although it is tempting to keep going

398

00:14:31,480 --> 00:14:36,100

oh no it is it is very tempting you know

399

00:14:33,639 --> 00:14:37,720

we we all want to seem like we're

400
00:14:36,100 --> 00:14:39,190
smarter than we already do you know I

401
00:14:37,720 --> 00:14:41,019
think that's you know that's just

402
00:14:39,190 --> 00:14:43,030
insecurities creeping in you know people

403
00:14:41,019 --> 00:14:45,039
people that are very insecure attend to

404
00:14:43,029 --> 00:14:46,360
try to cover it up by trying to pretend

405
00:14:45,039 --> 00:14:48,069
that they're very smart but sometimes

406
00:14:46,360 --> 00:14:50,289
the smartest people in the world they're

407
00:14:48,070 --> 00:14:51,700
the quietest people in the room when you

408
00:14:50,289 --> 00:14:53,230
enter one-on-one conversation with them

409
00:14:51,700 --> 00:14:54,940
you know they sit back they listen and

410
00:14:53,230 --> 00:14:56,500
they learn from what other people are

411
00:14:54,940 --> 00:14:59,320
saying and they learn to strengthen

412
00:14:56,500 --> 00:15:01,419
their own arguments by listening yeah so

413
00:14:59,320 --> 00:15:03,129
at the moment apart from of course

414
00:15:01,419 --> 00:15:06,699
appearing here it'd be amazing leading

415
00:15:03,129 --> 00:15:09,490
in Las Vegas what else is in the in the

416
00:15:06,700 --> 00:15:11,259
pipeline for them well tomorrow we are

417
00:15:09,490 --> 00:15:12,909
going to announce that I'm taking over

418
00:15:11,259 --> 00:15:15,189
the million-dollar challenge I'm taking

419
00:15:12,909 --> 00:15:16,389
the reins of that so a lot of exciting

420
00:15:15,190 --> 00:15:18,700
things that we're going to be doing with

421
00:15:16,389 --> 00:15:20,830
that trying to get a little bit more put

422
00:15:18,700 --> 00:15:22,810
it more into the media I try to be a

423
00:15:20,830 --> 00:15:24,790
little bit more proactive going after

424
00:15:22,809 --> 00:15:26,289
some you know high-profile psychics not

425
00:15:24,789 --> 00:15:28,299
the will succeed with any of that but at

426
00:15:26,289 --> 00:15:31,059
least at least bring attention to it yes

427
00:15:28,299 --> 00:15:33,099
arm and have more live demonstrations if

428

00:15:31,059 --> 00:15:34,809
we can more alive MDC million-dollar

429
00:15:33,100 --> 00:15:36,460
challenge demonstrations with it like

430
00:15:34,809 --> 00:15:38,229
we've got a little eyes no we don't have

431
00:15:36,460 --> 00:15:40,030
one we don't have one to what we have

432
00:15:38,230 --> 00:15:42,399
tomorrow is we have a demonstration

433
00:15:40,029 --> 00:15:43,509
that's totally different I have a

434
00:15:42,399 --> 00:15:46,090
psychic here who's willing to

435
00:15:43,509 --> 00:15:47,649
demonstrate her ability right not under

436
00:15:46,090 --> 00:15:49,000
any controlled conditions it shouldn't

437
00:15:47,649 --> 00:15:50,590
be misconstrued that it's controlled

438
00:15:49,000 --> 00:15:52,809
conditions in any way whatsoever there's

439
00:15:50,590 --> 00:15:54,490
no controls on this in fact because what

440
00:15:52,809 --> 00:15:56,409
I want people to take a look at is I

441
00:15:54,490 --> 00:15:58,779
want them to realize how difficult it is

442
00:15:56,409 --> 00:16:00,370

to come up with a set of controls for

443

00:15:58,779 --> 00:16:01,809
somebody so I thought this would be a

444

00:16:00,370 --> 00:16:02,919
nice way and I know I could blow up in

445

00:16:01,809 --> 00:16:05,169
my face who knows you know

446

00:16:02,919 --> 00:16:07,958
sunday and all their about it until next

447

00:16:05,169 --> 00:16:10,240
year you know d myself next year but um

448

00:16:07,958 --> 00:16:11,888
we wanted to get somebody to do a live a

449

00:16:10,240 --> 00:16:14,320
life challenge here but we couldn't get

450

00:16:11,889 --> 00:16:15,879
anybody I mean it was it was a thing of

451

00:16:14,320 --> 00:16:17,709
getting an affidavit and all those

452

00:16:15,879 --> 00:16:19,539
things they just people just be it's a

453

00:16:17,708 --> 00:16:20,708
lot more difficult to get somebody to

454

00:16:19,539 --> 00:16:22,750
follow through on the challenge as much

455

00:16:20,708 --> 00:16:25,028
as they want to then you would think it

456

00:16:22,750 --> 00:16:27,159
really really is and then setting up the

457
00:16:25,028 --> 00:16:29,019
challenge in such a way that you're

458
00:16:27,159 --> 00:16:30,850
being fair to the claimant and you're

459
00:16:29,019 --> 00:16:32,409
being fair to your own controls you're

460
00:16:30,850 --> 00:16:33,459
not conceding anything at the same time

461
00:16:32,409 --> 00:16:34,778
but you're trying to do it in an

462
00:16:33,458 --> 00:16:36,278
environment that works well for the

463
00:16:34,778 --> 00:16:37,929
claimant yeah so that afterwards the

464
00:16:36,278 --> 00:16:38,889
claim it doesn't say oh but I can't

465
00:16:37,929 --> 00:16:40,059
couldn't do it because of this so I

466
00:16:38,889 --> 00:16:42,519
couldn't do it because of that they

467
00:16:40,059 --> 00:16:44,289
always do always do they always do but

468
00:16:42,519 --> 00:16:45,578
we always try to cater to as much of

469
00:16:44,289 --> 00:16:47,469
that as we can as long as it doesn't

470
00:16:45,578 --> 00:16:50,588
take away from our controls yeah and

471
00:16:47,470 --> 00:16:52,449
it's a very good point they always do so

472
00:16:50,589 --> 00:16:54,279
far no I thought last year was gonna be

473
00:16:52,448 --> 00:16:58,509
the one that didn't her name was Connie

474
00:16:54,278 --> 00:17:00,028
Connie sana sana yeah yeah and she was

475
00:16:58,509 --> 00:17:03,429
interesting because she said I cheated

476
00:17:00,028 --> 00:17:05,558
but she accused me Gina which was which

477
00:17:03,429 --> 00:17:07,269
was really interesting because you know

478
00:17:05,558 --> 00:17:10,000
at the press conference she did allude

479
00:17:07,269 --> 00:17:11,769
that they whoever this elusive lately I

480
00:17:10,000 --> 00:17:13,900
told her it was not time for her to show

481
00:17:11,769 --> 00:17:15,308
her powers remember abilities not the

482
00:17:13,900 --> 00:17:17,829
Obama said you can't have it both ways

483
00:17:15,308 --> 00:17:19,000
you can't have that they tell you that

484
00:17:17,828 --> 00:17:22,000
it's not time for you to show your

485

00:17:19,000 --> 00:17:24,578
abilities and I cheated you you know it

486
00:17:22,000 --> 00:17:25,779
can't be both ways so surely they would

487
00:17:24,578 --> 00:17:28,298
have told you I cheated you at that

488
00:17:25,779 --> 00:17:30,579
press conference yeah that's right they

489
00:17:28,298 --> 00:17:32,619
did not do this whole concept this whole

490
00:17:30,579 --> 00:17:35,439
concept of day is a good one I've come

491
00:17:32,619 --> 00:17:37,839
across it so many times oh it's not me

492
00:17:35,440 --> 00:17:39,490
it's what I'm being told by them yes

493
00:17:37,839 --> 00:17:41,709
yeah well that takes that takes the

494
00:17:39,490 --> 00:17:43,480
responsibility wave right yes that

495
00:17:41,710 --> 00:17:46,120
person you know too if they can put it

496
00:17:43,480 --> 00:17:47,440
off on somebody else so um yeah you know

497
00:17:46,119 --> 00:17:48,609
and the whole thing of Jeannie I can see

498
00:17:47,440 --> 00:17:49,960
what the cards I was just trying to move

499
00:17:48,609 --> 00:17:51,939

it along a little quick at that point

500

00:17:49,960 --> 00:17:53,950

she'd already fail yeah at the point

501

00:17:51,940 --> 00:17:55,539

where she says I cheated yeah but I know

502

00:17:53,950 --> 00:17:57,819

that there were some magicians behind

503

00:17:55,539 --> 00:17:59,649

the scenes that want people they'd like

504

00:17:57,819 --> 00:18:00,789

to storm some trouble and that's that's

505

00:17:59,650 --> 00:18:02,350

a shame we want people to think that

506

00:18:00,789 --> 00:18:04,210

they're genuine when they're actually

507

00:18:02,349 --> 00:18:05,349

magicians themselves so they got her a

508

00:18:04,210 --> 00:18:06,548

stir it up in some way you could've

509

00:18:05,349 --> 00:18:08,769

cheated you this way could it you know

510

00:18:06,548 --> 00:18:10,058

that way so yeah we deal with that I

511

00:18:08,769 --> 00:18:11,500

just don't pay any attention to it I

512

00:18:10,058 --> 00:18:13,029

don't reply to it I don't

513

00:18:11,500 --> 00:18:14,950

Ned's there's no point because the

514
00:18:13,029 --> 00:18:16,180
moment you do that yeah they'll come

515
00:18:14,950 --> 00:18:17,500
back with something else and yeah it

516
00:18:16,180 --> 00:18:18,730
just becomes a shouting match back and

517
00:18:17,500 --> 00:18:21,099
forth there's just no point in it you

518
00:18:18,730 --> 00:18:22,720
know she agreed to the protocol ahead of

519
00:18:21,099 --> 00:18:24,069
time she did yep and she can always come

520
00:18:22,720 --> 00:18:26,680
back and apply again and we could test

521
00:18:24,069 --> 00:18:28,720
her again yeah so if people want to find

522
00:18:26,680 --> 00:18:30,910
out more about what you are up to in a

523
00:18:28,720 --> 00:18:32,529
bit a bit more about your history where

524
00:18:30,910 --> 00:18:36,190
can they hear well then go to banish a

525
00:18:32,529 --> 00:18:38,980
calm and they can find me there they can

526
00:18:36,190 --> 00:18:42,070
go to vanish X blogger blogspot there I

527
00:18:38,980 --> 00:18:44,140
primarily talk about the psychology of

528
00:18:42,069 --> 00:18:45,549
human nature you know and how it applies

529
00:18:44,140 --> 00:18:46,810
to things that happen in my life so I

530
00:18:45,549 --> 00:18:48,700
try to put some interesting stories on

531
00:18:46,809 --> 00:18:49,720
there hopefully one day that all come

532
00:18:48,700 --> 00:18:50,920
together and be a book I don't know

533
00:18:49,720 --> 00:18:52,360
we'll see what happens with that they

534
00:18:50,920 --> 00:18:55,750
can go to Facebook it's interesting

535
00:18:52,359 --> 00:18:58,750
because facebook i had banachek um but I

536
00:18:55,750 --> 00:19:00,640
had an old is P yeah and all whenever I

537
00:18:58,750 --> 00:19:02,410
try to change the email on it now it

538
00:19:00,640 --> 00:19:04,540
goes to that is because I forgot what

539
00:19:02,410 --> 00:19:08,529
the password was so I have to get a ban

540
00:19:04,539 --> 00:19:10,539
a and then check but there is a banner

541
00:19:08,529 --> 00:19:12,220
check fan page as well so you can get me

542

00:19:10,539 --> 00:19:14,799
through that as well I'm and of course

543
00:19:12,220 --> 00:19:16,960
Twitter so yeah you're everywhere I am

544
00:19:14,799 --> 00:19:19,690
everywhere you know yeah I'm coming up

545
00:19:16,960 --> 00:19:21,670
on that 5,000 that area we just end up

546
00:19:19,690 --> 00:19:22,900
going into this gully you know 5,000

547
00:19:21,670 --> 00:19:25,360
friend mark so I don't know what's going

548
00:19:22,900 --> 00:19:26,650
to happen at that point Banacek thank

549
00:19:25,359 --> 00:19:29,159
you very much it's been my pleasure my

550
00:19:26,650 --> 00:19:29,160
friend thank you

551
00:19:36,319 --> 00:19:41,700
this is your own n lara from sapphic

552
00:19:39,659 --> 00:19:44,070
severe The Skeptical podcast for hebrew

553
00:19:41,700 --> 00:19:49,500
speakers come listen to all things and

554
00:19:44,069 --> 00:19:58,048
holy in the holy language at WWF XE OTL

555
00:19:49,500 --> 00:20:00,298
is mohammad asif in australia last

556
00:19:58,048 --> 00:20:03,329

weekend dr. rich and i enjoyed a lovely

557

00:20:00,298 --> 00:20:05,908

trip down to Canberra where we spoke to

558

00:20:03,329 --> 00:20:09,058

Canberra skeptics in the pub we had a

559

00:20:05,909 --> 00:20:10,649

wonderful time a good day out and here

560

00:20:09,058 --> 00:20:12,960

are a few clips from some of the people

561

00:20:10,648 --> 00:20:18,259

I met along the way and a big thank you

562

00:20:12,960 --> 00:20:18,259

to Andrew world of the Canberra skeptics

563

00:20:20,720 --> 00:20:25,500

so I'm here at king o Malley's in

564

00:20:23,519 --> 00:20:27,419

Canberra with dr. reach and I have just

565

00:20:25,500 --> 00:20:30,028

an hour skeptics in the pub talk and I'm

566

00:20:27,419 --> 00:20:31,019

talking with Alex stock hello Alex and

567

00:20:30,028 --> 00:20:32,970

you've come along to see us today

568

00:20:31,019 --> 00:20:35,159

certainly have and your your local you

569

00:20:32,970 --> 00:20:36,480

yes I am and you're just telling me that

570

00:20:35,159 --> 00:20:38,490

you've been working your way through all

571
00:20:36,480 --> 00:20:41,569
19 6 or whatever it is episode to the

572
00:20:38,490 --> 00:20:43,558
skeptics yeah over the past few months

573
00:20:41,569 --> 00:20:45,778
infiltrator and he didn't expect to be

574
00:20:43,558 --> 00:20:48,329
interviewed today either no no but I

575
00:20:45,778 --> 00:20:49,589
kind of hoped exactly yeah and did I

576
00:20:48,329 --> 00:20:52,230
hope you enjoyed our talks I certainly

577
00:20:49,589 --> 00:20:54,509
did yeah stuck away at the back fats and

578
00:20:52,230 --> 00:20:56,669
killers in the way but got the gist of

579
00:20:54,509 --> 00:20:58,200
it yeah it was great great to see you

580
00:20:56,669 --> 00:21:01,200
and dr. rachey after hearing your voice

581
00:20:58,200 --> 00:21:02,880
so many times I will spin our pleasure

582
00:21:01,200 --> 00:21:04,769
to come down here and I'm delighted to

583
00:21:02,880 --> 00:21:07,528
say the pub was absolutely packed today

584
00:21:04,769 --> 00:21:09,388
what do you think of over 150 people or

585
00:21:07,528 --> 00:21:13,528
something I this is andrew gould I think

586
00:21:09,388 --> 00:21:15,479
we got at least 120 in here I was really

587
00:21:13,528 --> 00:21:18,839
good it was really impressed to see so

588
00:21:15,480 --> 00:21:20,460
many people meet you now it's very

589
00:21:18,839 --> 00:21:21,778
pleased to see such a big tournament

590
00:21:20,460 --> 00:21:23,308
people sort of milling around at the

591
00:21:21,778 --> 00:21:25,888
moment asking us questions and having a

592
00:21:23,308 --> 00:21:27,509
chat and we're handing out some stickers

593
00:21:25,888 --> 00:21:28,769
here from the token skeptic podcast and

594
00:21:27,509 --> 00:21:32,579
other goodies

595
00:21:28,769 --> 00:21:34,289
yes ma'am I do in fact have not told of

596
00:21:32,579 --> 00:21:37,470
them and thank you very much my pleasure

597
00:21:34,289 --> 00:21:39,180
and I'm now talking to another guest

598
00:21:37,470 --> 00:21:40,769
here another person has come along to

599

00:21:39,180 --> 00:21:43,980
cease at the pub hello it's Nicole isn't

600
00:21:40,769 --> 00:21:45,539
it yes it is hi now you wrote to me and

601
00:21:43,980 --> 00:21:48,870
said that you listen to the skeptics and

602
00:21:45,539 --> 00:21:50,369
when when you're doing what my husband

603
00:21:48,869 --> 00:21:51,539
and I were listening to the skeptic so

604
00:21:50,369 --> 00:21:54,389
in a few months ago when we were driving

605
00:21:51,539 --> 00:21:55,589
to our wedding now some people have got

606
00:21:54,390 --> 00:21:57,000
more important things about their things

607
00:21:55,589 --> 00:22:02,129
to think about when they own their wage

608
00:21:57,000 --> 00:22:04,559
there I was getting a bit antsy so I

609
00:22:02,130 --> 00:22:07,050
thought okay we listen to something kind

610
00:22:04,559 --> 00:22:09,149
of a bit of distraction and it worked oh

611
00:22:07,049 --> 00:22:13,589
good so you did get married after all

612
00:22:09,150 --> 00:22:15,300
yes thanks to the skeptics army well I'm

613
00:22:13,589 --> 00:22:19,439

really pleased that you both came along

614

00:22:15,299 --> 00:22:20,789

here today hello oh I look to my Lou so

615

00:22:19,440 --> 00:22:23,549

thank you both for coming along and

616

00:22:20,789 --> 00:22:25,259

people started oh no we're still people

617

00:22:23,549 --> 00:22:26,460

are still crowded around chatting to us

618

00:22:25,259 --> 00:22:28,440

at the moment but the pub is slowly

619

00:22:26,460 --> 00:22:31,440

getting back to normal but it was a

620

00:22:28,440 --> 00:22:34,460

great turnout it was fantastic so thank

621

00:22:31,440 --> 00:22:38,460

you and dr. Wei Qi for coming thank you

622

00:22:34,460 --> 00:22:40,500

so under the events just about over now

623

00:22:38,460 --> 00:22:42,120

I'm thank you very much for helping said

624

00:22:40,500 --> 00:22:43,859

that up no worries thanks for coming

625

00:22:42,119 --> 00:22:46,019

down it was fantastic really really

626

00:22:43,859 --> 00:22:48,599

enjoyed it now if our listeners in the

627

00:22:46,019 --> 00:22:51,509

camry or it came to be more active and

628
00:22:48,599 --> 00:22:53,789
do more skeptical activities with you

629
00:22:51,509 --> 00:22:57,000
especially how can they go back well you

630
00:22:53,789 --> 00:22:59,519
can google Canberra skeptics the URL of

631
00:22:57,000 --> 00:23:01,170
that website isn't very user friendly so

632
00:22:59,519 --> 00:23:02,549
so I just do a google it comes up at the

633
00:23:01,170 --> 00:23:05,779
top if you do those Canberra skeptics

634
00:23:02,549 --> 00:23:07,799
they will list their monthly lecture

635
00:23:05,779 --> 00:23:10,289
unfortunately for listeners of this

636
00:23:07,799 --> 00:23:12,240
podcast the next one is tomorrow that's

637
00:23:10,289 --> 00:23:15,299
Monday but but that's that's dr. Martin

638
00:23:12,240 --> 00:23:17,849
bridge stock alright and so yeah we're

639
00:23:15,299 --> 00:23:21,299
quite excited to have him come up and

640
00:23:17,849 --> 00:23:23,219
give us a talk on the talk is issuing

641
00:23:21,299 --> 00:23:26,009
issues that divide schematics yes you

642
00:23:23,220 --> 00:23:27,539
nursing talk yeah it does sound very

643
00:23:26,009 --> 00:23:29,160
interesting this is your normal watering

644
00:23:27,539 --> 00:23:31,230
hole this is our normal watering hole

645
00:23:29,160 --> 00:23:32,700
pink King o'malley's irish pub it's fun

646
00:23:31,230 --> 00:23:34,620
listeners this is a really great

647
00:23:32,700 --> 00:23:36,630
location for a talk or a get together

648
00:23:34,619 --> 00:23:37,479
it's a fantastic spots for skeptics in

649
00:23:36,630 --> 00:23:39,610
the pub

650
00:23:37,480 --> 00:23:42,250
if you're in the acct for anywhere near

651
00:23:39,609 --> 00:23:44,740
Canberra this is the place to be Google

652
00:23:42,250 --> 00:23:47,319
Canberra skeptics meet up to yes we're

653
00:23:44,740 --> 00:23:48,970
on meetup we're on facebook Canberra

654
00:23:47,319 --> 00:23:51,609
skeptics in the pub on facebook we hold

655
00:23:48,970 --> 00:23:54,548
a monthly meetup third Sunday of every

656

00:23:51,609 --> 00:23:57,039
month starting usually about two o'clock

657
00:23:54,548 --> 00:23:58,960
as we did today sometimes we have a

658
00:23:57,039 --> 00:24:00,519
speaker sometimes we don't there's

659
00:23:58,960 --> 00:24:03,460
always good conversation and good people

660
00:24:00,519 --> 00:24:06,730
so regardless of whether you you want a

661
00:24:03,460 --> 00:24:09,340
a big event like we had today or just a

662
00:24:06,730 --> 00:24:11,230
small gathering of 15 to 20 people we

663
00:24:09,339 --> 00:24:13,659
have both it's fantastic that's a

664
00:24:11,230 --> 00:24:17,130
message everybody local skepticism in

665
00:24:13,660 --> 00:24:17,130
action thank you enter you're welcome

666
00:24:27,630 --> 00:24:36,669
now it's time for dr. Rachel reports

667
00:24:31,000 --> 00:24:40,150
with dr. Rachel Dunlop hello listeners

668
00:24:36,669 --> 00:24:41,590
and welcome to dr. Richie reports well

669
00:24:40,150 --> 00:24:43,600
I'm not going to mess about today I'm

670
00:24:41,589 --> 00:24:46,720

here to talk to you about how the avn

671

00:24:43,599 --> 00:24:48,459

misuse statistics and this is important

672

00:24:46,720 --> 00:24:50,470

because twisting statistics to make

673

00:24:48,460 --> 00:24:52,960

vaccines that seem less effective or not

674

00:24:50,470 --> 00:24:56,048

effective at all is scaring parents away

675

00:24:52,960 --> 00:24:57,340

from vaccinating their kids and I'm

676

00:24:56,048 --> 00:25:00,308

going to play you an interview today

677

00:24:57,339 --> 00:25:02,259

which demonstrates just this now in

678

00:25:00,308 --> 00:25:04,000

australia this week five cases of

679

00:25:02,259 --> 00:25:06,940

measles were reported on the north coast

680

00:25:04,000 --> 00:25:09,519

of New South Wales the home of the avian

681

00:25:06,940 --> 00:25:13,029

and recently Australia has been

682

00:25:09,519 --> 00:25:14,950

experiencing a pertussis epidemic but

683

00:25:13,029 --> 00:25:18,609

Meryl Dory says pertussis or whooping

684

00:25:14,950 --> 00:25:20,110

cough does not kill now her assertions

685
00:25:18,609 --> 00:25:21,428
were recently examined in the

686
00:25:20,109 --> 00:25:24,189
investigation by the Healthcare

687
00:25:21,429 --> 00:25:26,200
Complaints Commission so briefly a

688
00:25:24,190 --> 00:25:29,320
little bit of background provided by the

689
00:25:26,200 --> 00:25:31,179
Department of Health and Ageing in their

690
00:25:29,319 --> 00:25:33,730
decade before the introduction of the

691
00:25:31,179 --> 00:25:37,600
pertussis vaccination more than 2,800

692
00:25:33,730 --> 00:25:39,819
people died of pertussis now this figure

693
00:25:37,599 --> 00:25:41,798
was reduced by seventy-five percent in

694
00:25:39,819 --> 00:25:44,230
the decade following the introduction of

695
00:25:41,798 --> 00:25:46,450
the vaccine even if you don't die from

696
00:25:44,230 --> 00:25:48,808
pertussis you can suffer horrible

697
00:25:46,450 --> 00:25:51,830
complications including pneumonia

698
00:25:48,808 --> 00:25:54,889
fractured ribs pneumothorax

699
00:25:51,829 --> 00:25:57,819
hernias aspiration hearing loss carotid

700
00:25:54,890 --> 00:26:01,009
artery dissection urinary incontinence

701
00:25:57,819 --> 00:26:03,379
prolapses seizures encephalopathy and

702
00:26:01,009 --> 00:26:05,359
possible death in the very young who

703
00:26:03,380 --> 00:26:07,220
have not yet received any vaccinations

704
00:26:05,359 --> 00:26:09,859
or who have not yet completed their

705
00:26:07,220 --> 00:26:11,990
course so how does Meryl Dori twist

706
00:26:09,859 --> 00:26:15,259
statistics to suit her anti-vaccine

707
00:26:11,990 --> 00:26:17,140
stance first up let's take a look at the

708
00:26:15,259 --> 00:26:19,460
avians website which states that

709
00:26:17,140 --> 00:26:21,950
australian government statistics have

710
00:26:19,460 --> 00:26:24,649
shown that the majority of outbreaks of

711
00:26:21,950 --> 00:26:26,450
pertussis in Australia occur in those

712
00:26:24,648 --> 00:26:30,138
who have been fully vaccinated or were

713

00:26:26,450 --> 00:26:31,788
too young to be fully vaccinated well of

714
00:26:30,138 --> 00:26:33,798
course they do and this makes sense

715
00:26:31,788 --> 00:26:35,750
since if we consider that the majority

716
00:26:33,798 --> 00:26:38,269
of people in Australia are vaccinated

717
00:26:35,750 --> 00:26:40,028
for pertussis and the vaccine does not

718
00:26:38,269 --> 00:26:42,859
prevent you from contracting the disease

719
00:26:40,028 --> 00:26:45,980
so most people who contract it will have

720
00:26:42,859 --> 00:26:47,719
been at least partially vaccinated but

721
00:26:45,980 --> 00:26:50,058
what is important to remember is that

722
00:26:47,720 --> 00:26:53,110
the disease is generally mild in those

723
00:26:50,058 --> 00:26:57,079
who have previously been vaccinated in

724
00:26:53,109 --> 00:26:58,729
Australia in 2004 and 2005 more than

725
00:26:57,079 --> 00:27:01,490
seventy percent of pertussis

726
00:26:58,730 --> 00:27:04,130
notifications occurred in people older

727
00:27:01,490 --> 00:27:07,880

than 15 years which is when immunity

728

00:27:04,130 --> 00:27:09,230

begins to wane so this may sound a

729

00:27:07,880 --> 00:27:12,440

little complicated but it really

730

00:27:09,230 --> 00:27:14,569

shouldn't be it is known for example and

731

00:27:12,440 --> 00:27:17,778

acknowledged that no vaccine is a

732

00:27:14,569 --> 00:27:20,720

hundred percent safe or effective plus a

733

00:27:17,778 --> 00:27:23,089

vaccine is not like a forcefield so the

734

00:27:20,720 --> 00:27:25,038

virus or bacteria can still infect you

735

00:27:23,089 --> 00:27:27,168

but if you already have the antibodies

736

00:27:25,038 --> 00:27:30,230

in your system from a prior vaccination

737

00:27:27,169 --> 00:27:32,600

or exposure your body can fight the

738

00:27:30,230 --> 00:27:34,849

illness much faster hence the disease

739

00:27:32,599 --> 00:27:38,808

severity is less and the duration is

740

00:27:34,849 --> 00:27:43,069

shorter seems logical right or maybe not

741

00:27:38,808 --> 00:27:45,138

to some late last year on ABC radio

742
00:27:43,069 --> 00:27:47,298
north coast Meryl Dory was interviewed

743
00:27:45,138 --> 00:27:49,898
about the recent pertussis epidemics

744
00:27:47,298 --> 00:27:52,788
that have been occurring in Australia

745
00:27:49,898 --> 00:27:54,829
she provided the ABC with statistics

746
00:27:52,788 --> 00:27:57,200
about vaccine coverage and outbreaks

747
00:27:54,829 --> 00:27:59,240
which were read out by the presenter to

748
00:27:57,200 --> 00:28:02,538
a North Coast pediatrician dr. Chris

749
00:27:59,240 --> 00:28:04,099
Engel as you're about to hear dr. Engel

750
00:28:02,538 --> 00:28:05,450
was somewhat perplexed by these

751
00:28:04,099 --> 00:28:07,099
statistics

752
00:28:05,450 --> 00:28:09,620
dr. Engel I just wanted to talk about

753
00:28:07,099 --> 00:28:13,759
some statistics with you that I have in

754
00:28:09,619 --> 00:28:15,619
front of me now in 1991 Australia had a

755
00:28:13,759 --> 00:28:20,298
whooping cough vaccination rate of

756
00:28:15,619 --> 00:28:23,719
seventy one point six percent and 318

757
00:28:20,298 --> 00:28:26,599
cases reported nationwide last year in

758
00:28:23,720 --> 00:28:28,850
2008 for the first time whooping cough

759
00:28:26,599 --> 00:28:33,558
vaccination rates were in excess of

760
00:28:28,849 --> 00:28:35,298
ninety five percent and we had fourteen

761
00:28:33,558 --> 00:28:39,019
thousand five hundred and twenty two

762
00:28:35,298 --> 00:28:41,148
cases of whooping cough on record so I

763
00:28:39,019 --> 00:28:43,429
feel like we've got the figures they're

764
00:28:41,148 --> 00:28:45,528
cutting those figures came to me from

765
00:28:43,429 --> 00:28:46,940
Merrill Dory from the Australian

766
00:28:45,528 --> 00:28:49,190
vaccination network here we're going to

767
00:28:46,940 --> 00:28:52,250
talk to in a moment yeah well I think

768
00:28:49,190 --> 00:28:54,889
those figures are very rubbery downright

769
00:28:52,250 --> 00:28:57,019
wrong and I think a couple of things

770

00:28:54,888 --> 00:29:00,019
have happened firstly the process runs

771
00:28:57,019 --> 00:29:03,679
in cycles so you'll have used whether lo

772
00:29:00,019 --> 00:29:07,069
pertussis numbers and usually they will

773
00:29:03,679 --> 00:29:09,769
be high we've also developed a new way

774
00:29:07,069 --> 00:29:11,808
of detecting pertussis which is called

775
00:29:09,769 --> 00:29:14,210
PCR which is highly sensitive and

776
00:29:11,808 --> 00:29:17,690
specific so lots of kids in the past

777
00:29:14,210 --> 00:29:20,090
babies and children who we couldn't

778
00:29:17,690 --> 00:29:23,320
culture and they had no blood reaction

779
00:29:20,089 --> 00:29:26,418
to pertussis but they had the illness

780
00:29:23,319 --> 00:29:28,849
were if you like left off the figures

781
00:29:26,419 --> 00:29:31,250
whereas now we're capturing all those

782
00:29:28,849 --> 00:29:34,308
kids because we have a very good test

783
00:29:31,250 --> 00:29:40,099
but you know that those figures at

784
00:29:34,308 --> 00:29:43,339

typical anti-vaccination Network figures

785

00:29:40,099 --> 00:29:47,359

which are you know biased and skewed and

786

00:29:43,339 --> 00:29:49,459

the cherry picking exercises as you'll

787

00:29:47,359 --> 00:29:51,319

find out in a moment dr. Engel was

788

00:29:49,460 --> 00:29:54,319

correct to call me story out for these

789

00:29:51,319 --> 00:29:56,359

dodgy statistics they certainly confused

790

00:29:54,319 --> 00:29:58,879

a parent who called up later in the

791

00:29:56,359 --> 00:30:00,888

segment Michael from turbulent good

792

00:29:58,880 --> 00:30:03,440

morning Michael I how you do not do that

793

00:30:00,888 --> 00:30:08,138

thank you we had a young son vaccinated

794

00:30:03,440 --> 00:30:12,710

to err on the side of caution but my arm

795

00:30:08,138 --> 00:30:14,628

my idea is that you had both the PD the

796

00:30:12,710 --> 00:30:17,149

pediatrician from lismore and the

797

00:30:14,628 --> 00:30:18,859

anti-vaccination ladies quoting

798

00:30:17,148 --> 00:30:21,169

statistics which

799

00:30:18,859 --> 00:30:22,819

11 said were inaccurate and the other

800

00:30:21,170 --> 00:30:25,820

one said were provided by the government

801

00:30:22,819 --> 00:30:30,169

and I'm wondering is anybody actually

802

00:30:25,819 --> 00:30:32,928

conducting current studies to bring this

803

00:30:30,170 --> 00:30:35,480

whole debate to a to a whole once and

804

00:30:32,929 --> 00:30:37,670

for all let's put them in as appearance

805

00:30:35,480 --> 00:30:39,259

to hear something from a pediatrician

806

00:30:37,670 --> 00:30:42,620

than hear something from someone who's

807

00:30:39,259 --> 00:30:44,240

got evidence pointing against it it puts

808

00:30:42,619 --> 00:30:45,558

a big question mark over your head as to

809

00:30:44,240 --> 00:30:47,298

whether you're doing the right thing for

810

00:30:45,558 --> 00:30:49,369

your child Jill you know and then you

811

00:30:47,298 --> 00:30:52,639

get the nurse who said that her children

812

00:30:49,369 --> 00:30:54,259

and she's been she stayed up for hours

813
00:30:52,640 --> 00:30:56,179
saving the lives of children with

814
00:30:54,259 --> 00:30:59,990
whooping cough and then you wonder

815
00:30:56,179 --> 00:31:01,790
exactly whose interests anybody us is

816
00:30:59,990 --> 00:31:04,690
serving when they start quoting

817
00:31:01,789 --> 00:31:07,849
statistics and your statistics can be

818
00:31:04,690 --> 00:31:10,759
tuned to bolster any argument whether

819
00:31:07,849 --> 00:31:13,399
it's for or against and I'm just

820
00:31:10,759 --> 00:31:16,000
wondering is there any actual federal

821
00:31:13,400 --> 00:31:18,890
government funding that's going towards

822
00:31:16,000 --> 00:31:21,650
scientific empirical studies to make

823
00:31:18,890 --> 00:31:23,360
sure that we finally get an answer to

824
00:31:21,650 --> 00:31:24,650
this question because like the gentleman

825
00:31:23,359 --> 00:31:27,109
before I've been following this issue

826
00:31:24,650 --> 00:31:28,460
for years to and it's never never seems

827

00:31:27,109 --> 00:31:30,649
to be resolved you know all you've got

828
00:31:28,460 --> 00:31:32,569
is to and fro in between the pro and

829
00:31:30,650 --> 00:31:34,400
again well it's not just in this country

830
00:31:32,569 --> 00:31:37,250
either it sets in international issue

831
00:31:34,400 --> 00:31:39,440
know when or maybe the UN should take it

832
00:31:37,250 --> 00:31:41,960
up and study it but nobody is actually

833
00:31:39,440 --> 00:31:43,910
coming talking to a conclusion about it

834
00:31:41,960 --> 00:31:46,910
you know you've got this ongoing debate

835
00:31:43,910 --> 00:31:49,130
and they just I'm sure all those people

836
00:31:46,910 --> 00:31:50,960
who don't vaccinate their children do it

837
00:31:49,130 --> 00:31:52,940
in good face that they're being given

838
00:31:50,960 --> 00:31:56,090
the right information and those of us

839
00:31:52,940 --> 00:31:58,250
who do also do the same thing Michael

840
00:31:56,089 --> 00:32:00,349
nothing conclusive you know nobody says

841
00:31:58,250 --> 00:32:02,509

okay this is it this is a study you

842

00:32:00,349 --> 00:32:04,339

can't argue against his full stop okay

843

00:32:02,509 --> 00:32:06,950

you raise a very interesting point I do

844

00:32:04,339 --> 00:32:09,439

you think you as it turns out there was

845

00:32:06,950 --> 00:32:12,230

a complaint made about the statistics

846

00:32:09,440 --> 00:32:15,289

used by miss Dorry in this segment this

847

00:32:12,230 --> 00:32:19,099

was upheld on November 11 2009 by the

848

00:32:15,289 --> 00:32:21,769

ABC audience and Consumer Affairs they

849

00:32:19,099 --> 00:32:24,289

found that the complaint was upheld on

850

00:32:21,769 --> 00:32:26,389

two counts of in accuracy in relation to

851

00:32:24,289 --> 00:32:29,089

statistical information referred to in

852

00:32:26,390 --> 00:32:31,040

this segment the presenter referred to

853

00:32:29,089 --> 00:32:32,028

statistics which suggested that whilst

854

00:32:31,039 --> 00:32:34,368

the rate of

855

00:32:32,028 --> 00:32:36,469

nation had increased the number of cases

856
00:32:34,368 --> 00:32:41,718
had also substantially increased in the

857
00:32:36,469 --> 00:32:43,700
period from 1991 to 2008 the statistics

858
00:32:41,719 --> 00:32:45,499
were drawn from different data sets and

859
00:32:43,700 --> 00:32:48,440
related to different groups of children

860
00:32:45,499 --> 00:32:51,019
and although each individual statistic

861
00:32:48,440 --> 00:32:53,629
was in and of itself accurate and drawn

862
00:32:51,019 --> 00:32:55,278
from a verifiable government source the

863
00:32:53,628 --> 00:32:58,548
comparative manner in which they were

864
00:32:55,278 --> 00:33:00,858
presented was misleading further the

865
00:32:58,548 --> 00:33:03,798
first vaccination rate statistic was for

866
00:33:00,858 --> 00:33:07,788
the year 2001 what but was presented as

867
00:33:03,798 --> 00:33:09,259
a vaccination rate for 1991 here's what

868
00:33:07,788 --> 00:33:12,319
miss Dorry had to say about the

869
00:33:09,259 --> 00:33:15,079
statistics in the same interview but my

870
00:33:12,319 --> 00:33:17,269
concern is that dr. engles is unaware of

871
00:33:15,079 --> 00:33:19,808
the information that you just gave about

872
00:33:17,269 --> 00:33:22,819
the 40-times increase in the rate of

873
00:33:19,808 --> 00:33:25,009
whooping cough despite a twenty-four

874
00:33:22,819 --> 00:33:26,689
percent increase in the vaccination rate

875
00:33:25,009 --> 00:33:28,489
and when you said that the information

876
00:33:26,690 --> 00:33:30,679
that you're quoting was actually

877
00:33:28,489 --> 00:33:32,929
provided to you by myself that's true

878
00:33:30,679 --> 00:33:34,249
but I actually sent you the graphs which

879
00:33:32,929 --> 00:33:36,349
were from the Australian Government

880
00:33:34,249 --> 00:33:38,298
Department of Health and Ageing and one

881
00:33:36,348 --> 00:33:39,858
would think that a pediatrician in dr.

882
00:33:38,298 --> 00:33:42,259
engles position would have been aware of

883
00:33:39,858 --> 00:33:43,638
this information this is government

884

00:33:42,259 --> 00:33:45,200
information I'm not pulling these

885
00:33:43,638 --> 00:33:47,358
figures out of thin air these are not

886
00:33:45,200 --> 00:33:48,769
incorrect figures and if they are

887
00:33:47,358 --> 00:33:50,739
incorrect and it's the government that's

888
00:33:48,769 --> 00:33:53,358
provided the incorrect information as

889
00:33:50,739 --> 00:33:55,489
previously stated whilst these

890
00:33:53,358 --> 00:33:57,288
statistics individually might be valid

891
00:33:55,489 --> 00:33:59,858
the way that miss Dorry has compared

892
00:33:57,288 --> 00:34:02,419
them has made them appear misleading

893
00:33:59,858 --> 00:34:05,118
miss Dorry also presented these

894
00:34:02,419 --> 00:34:07,489
statistics to the H Triple C in support

895
00:34:05,118 --> 00:34:10,699
of her assertion that vaccination does

896
00:34:07,489 --> 00:34:13,068
not offer protection from pertussis the

897
00:34:10,699 --> 00:34:15,769
commission also investigated and agreed

898
00:34:13,068 --> 00:34:17,659

with the findings of the ABC that indeed

899

00:34:15,769 --> 00:34:20,389

the data was drawn from Australian

900

00:34:17,659 --> 00:34:22,338

government sources but critically they

901

00:34:20,389 --> 00:34:25,579

were drawn from two completely different

902

00:34:22,338 --> 00:34:28,460

data sets so what does this mean in

903

00:34:25,579 --> 00:34:31,010

layman's terms let's consider this

904

00:34:28,460 --> 00:34:32,809

analogy you are the headmaster of a

905

00:34:31,010 --> 00:34:35,750

school and want to ensure that you get

906

00:34:32,809 --> 00:34:37,609

good academic rankings so you take a

907

00:34:35,750 --> 00:34:39,798

bunch of kids in primary school who are

908

00:34:37,608 --> 00:34:42,288

doing really well and you tell everyone

909

00:34:39,798 --> 00:34:44,449

the parents the media the school board

910

00:34:42,289 --> 00:34:45,090

that you have the highest achieving kids

911

00:34:44,449 --> 00:34:48,119

in there

912

00:34:45,090 --> 00:34:49,920

group in all of the school district then

913
00:34:48,119 --> 00:34:51,989
you follow these kids through school to

914
00:34:49,920 --> 00:34:54,269
high school but some of them drop out

915
00:34:51,989 --> 00:34:56,609
some get distracted and don't perform as

916
00:34:54,269 --> 00:34:59,820
well so by the time they finish school

917
00:34:56,610 --> 00:35:02,220
their grade point average is poor so

918
00:34:59,820 --> 00:35:04,680
what do you do you choose another group

919
00:35:02,219 --> 00:35:06,209
of kids who were doing really well who

920
00:35:04,679 --> 00:35:08,460
maybe didn't even come from the same

921
00:35:06,210 --> 00:35:11,130
class or perhaps didn't have the same

922
00:35:08,460 --> 00:35:13,710
teachers maybe they only started at your

923
00:35:11,130 --> 00:35:15,750
school in their final year meaning your

924
00:35:13,710 --> 00:35:17,670
teachings and your school had little or

925
00:35:15,750 --> 00:35:20,369
no impact on their performance in their

926
00:35:17,670 --> 00:35:22,230
final year but you still want to look

927
00:35:20,369 --> 00:35:24,269
good to the community and appear to rank

928
00:35:22,230 --> 00:35:25,679
high so you compare the kids from

929
00:35:24,269 --> 00:35:28,050
primary school who were doing really

930
00:35:25,679 --> 00:35:30,179
well but have since dropped out with the

931
00:35:28,050 --> 00:35:32,910
final year achievers who only started

932
00:35:30,179 --> 00:35:36,000
that year does this now like a valid

933
00:35:32,909 --> 00:35:38,039
comparison well obviously not yet this

934
00:35:36,000 --> 00:35:40,530
is essentially what Meryl Dory has done

935
00:35:38,039 --> 00:35:43,259
in Reverse if you like to make the

936
00:35:40,530 --> 00:35:45,140
pertussis vaccine look worthless she

937
00:35:43,260 --> 00:35:47,700
compared two different groups of kids

938
00:35:45,139 --> 00:35:49,949
unrelated sets of data relating to

939
00:35:47,699 --> 00:35:53,609
different cohorts of kids to get her

940
00:35:49,949 --> 00:35:55,619
answer that the vaccine doesn't work now

941

00:35:53,610 --> 00:35:58,039
the H Triple C asked her to explain this

942
00:35:55,619 --> 00:36:00,659
anomaly and she responded with a corker

943
00:35:58,039 --> 00:36:03,119
she explained that the data sets were

944
00:36:00,659 --> 00:36:06,629
appropriately compared by dr. Gary

945
00:36:03,119 --> 00:36:08,489
Goldman now dr. Gary Goldman is the

946
00:36:06,630 --> 00:36:11,670
president and founder of the conspiracy

947
00:36:08,489 --> 00:36:14,039
theory Laden non medline indexed woo

948
00:36:11,670 --> 00:36:16,829
fest Journal that is known as medical

949
00:36:14,039 --> 00:36:19,529
vera test it is described on its

950
00:36:16,829 --> 00:36:21,869
homepage as the only honest health

951
00:36:19,530 --> 00:36:24,690
science journal exposing pharmaceutical

952
00:36:21,869 --> 00:36:27,000
genocide oh and also as a side note it

953
00:36:24,690 --> 00:36:30,389
was the silver recipient of the 2009

954
00:36:27,000 --> 00:36:33,690
mom's choice awards in other words this

955
00:36:30,389 --> 00:36:35,460

is not a reputable Journal now the

956

00:36:33,690 --> 00:36:37,650

Commission surprisingly did not accept

957

00:36:35,460 --> 00:36:39,210

this source either and asked for

958

00:36:37,650 --> 00:36:41,610

evidence of the methodology and

959

00:36:39,210 --> 00:36:43,889

calculations undertaken to achieve the

960

00:36:41,610 --> 00:36:47,280

statistical comparison that Meryl Dory

961

00:36:43,889 --> 00:36:49,319

provided these have apparently not been

962

00:36:47,280 --> 00:36:51,000

forthcoming thus the H Triple C

963

00:36:49,320 --> 00:36:52,350

concluded that ms dorries showed no

964

00:36:51,000 --> 00:36:55,170

evidence for the claim that the

965

00:36:52,349 --> 00:36:57,659

pertussis vaccine is ineffective yet

966

00:36:55,170 --> 00:36:58,980

despite the findings of the ABC despite

967

00:36:57,659 --> 00:37:01,170

the findings of the H Triple

968

00:36:58,980 --> 00:37:03,630

see despite what I've just explained to

969

00:37:01,170 --> 00:37:06,809

you midori is still claiming that her

970
00:37:03,630 --> 00:37:08,400
statistics are correct this is a course

971
00:37:06,809 --> 00:37:11,009
the hallmark of alternative medicine

972
00:37:08,400 --> 00:37:13,590
cranks they refuse to change their

973
00:37:11,010 --> 00:37:15,359
position despite shifting evidence and

974
00:37:13,590 --> 00:37:17,519
this is because their position was

975
00:37:15,358 --> 00:37:20,250
probably never based in evidence to

976
00:37:17,519 --> 00:37:22,409
begin with I'll leave the final word

977
00:37:20,250 --> 00:37:24,210
with Mungo MacCallum who is a North

978
00:37:22,409 --> 00:37:26,429
Coast author and journalist and

979
00:37:24,210 --> 00:37:29,760
outspoken opponent of Merrill Dorie and

980
00:37:26,429 --> 00:37:31,940
the avian here Mungo makes a great point

981
00:37:29,760 --> 00:37:34,859
about false balance in the media and

982
00:37:31,940 --> 00:37:37,619
until next time this has been dr. Richie

983
00:37:34,858 --> 00:37:40,440
reports Mungo MacCallum from ocean

984
00:37:37,619 --> 00:37:42,150
chillers good morning good morning I'm

985
00:37:40,440 --> 00:37:43,858
look I just want to say that it's not

986
00:37:42,150 --> 00:37:46,769
true to say that this is an ongoing

987
00:37:43,858 --> 00:37:49,079
argument the argument was settled nearly

988
00:37:46,769 --> 00:37:50,489
a hundred years ago vaccination is

989
00:37:49,079 --> 00:37:54,420
effective it's been proven effective

990
00:37:50,489 --> 00:37:57,419
over and over and over again sure there

991
00:37:54,420 --> 00:37:59,630
can be occasional side effects but the

992
00:37:57,420 --> 00:38:02,608
side effects a trivial compared to the

993
00:37:59,630 --> 00:38:05,490
diseases that they can be avoided

994
00:38:02,608 --> 00:38:08,279
through vaccination and this is the

995
00:38:05,489 --> 00:38:11,159
point and if it's not very well to say

996
00:38:08,280 --> 00:38:13,440
the parents have a choice but when they

997
00:38:11,159 --> 00:38:16,319
make that choice by choosing not to have

998

00:38:13,440 --> 00:38:18,659
their own children vaccinated they also

999
00:38:16,320 --> 00:38:20,609
put other children at risk because the

1000
00:38:18,659 --> 00:38:22,799
lower the rate of vaccination in the

1001
00:38:20,608 --> 00:38:25,710
community the more likely there are is

1002
00:38:22,800 --> 00:38:28,500
to be infection and that's how the other

1003
00:38:25,710 --> 00:38:30,240
children catch it and finally there's

1004
00:38:28,500 --> 00:38:33,059
this question of balance are we going to

1005
00:38:30,239 --> 00:38:36,118
have a debate about it sure let's have a

1006
00:38:33,059 --> 00:38:38,608
debate and let's have balance so for

1007
00:38:36,119 --> 00:38:41,970
every single time you put Merrill glory

1008
00:38:38,608 --> 00:38:45,509
and her army of cranks on or the handful

1009
00:38:41,969 --> 00:38:47,939
of cranks on actually you should put 99

1010
00:38:45,510 --> 00:38:51,210
separate doctors for the next ninety

1011
00:38:47,940 --> 00:38:53,309
nine days on through till till the

1012
00:38:51,210 --> 00:38:55,769

audience that neural door is simply

1013

00:38:53,309 --> 00:38:59,219

wrong because that's where the balance

1014

00:38:55,769 --> 00:39:01,050

is the balance is ninety-nine percent of

1015

00:38:59,219 --> 00:39:04,500

informed opinion in favour of

1016

00:39:01,050 --> 00:39:07,680

vaccinations and one handful of cranks

1017

00:39:04,500 --> 00:39:10,829

who call it indirectly caused the deaths

1018

00:39:07,679 --> 00:39:13,669

of many children against it okay thank

1019

00:39:10,829 --> 00:39:13,670

you for the Coleman go

1020

00:39:25,820 --> 00:39:32,760

spits the Galactic universe is comprised

1021

00:39:29,699 --> 00:39:35,669

of literally dozens of stars in hundreds

1022

00:39:32,760 --> 00:39:37,560

of galaxies man has waited millions of

1023

00:39:35,670 --> 00:39:40,200

light years for the infinite rays of the

1024

00:39:37,559 --> 00:39:43,710

cosmos to reach us yet it can all

1025

00:39:40,199 --> 00:39:44,879

disappear in a parsec the distance you

1026

00:39:43,710 --> 00:39:48,329

have no idea what you're talking about

1027
00:39:44,880 --> 00:39:50,070
do you what galactic universe dozens of

1028
00:39:48,329 --> 00:39:52,769
stars parsec and light years as

1029
00:39:50,070 --> 00:39:54,780
measurements of time you know what you

1030
00:39:52,769 --> 00:39:57,420
need to go to the star party the what

1031
00:39:54,780 --> 00:39:59,940
the Atlanta skeptics star party what's

1032
00:39:57,420 --> 00:40:03,090
that you really are clueless here read

1033
00:39:59,940 --> 00:40:05,280
this okay would see please join the

1034
00:40:03,090 --> 00:40:08,160
Atlanta skeptics on Thursdays number

1035
00:40:05,280 --> 00:40:10,859
second 2010 for stargazing food drinks

1036
00:40:08,159 --> 00:40:13,049
and amazing conversations build that the

1037
00:40:10,858 --> 00:40:15,210
Emory math and science center in Atlanta

1038
00:40:13,050 --> 00:40:17,160
Georgia astronomers Pamela gay and

1039
00:40:15,210 --> 00:40:20,309
Fraser Cain will be hosting this amazing

1040
00:40:17,159 --> 00:40:22,319
night oh I love those guys oh yeah keep

1041
00:40:20,309 --> 00:40:24,358
going Pamela and Fraser will be leading

1042
00:40:22,320 --> 00:40:27,030
this exploration of the skies using the

1043
00:40:24,358 --> 00:40:28,858
observatory at Emory musician podcast

1044
00:40:27,030 --> 00:40:31,170
during science leverage or Tron will

1045
00:40:28,858 --> 00:40:33,690
also be providing entertainment who's

1046
00:40:31,170 --> 00:40:35,849
that never mind keep reading this event

1047
00:40:33,690 --> 00:40:38,159
is an honor of Jeff met Jeff the blue

1048
00:40:35,849 --> 00:40:40,650
color scientist Jeff succumbed the liver

1049
00:40:38,159 --> 00:40:42,868
cancer in 2008 and all proceeds will go

1050
00:40:40,650 --> 00:40:46,619
toward the Leukemia and Lymphoma Society

1051
00:40:42,869 --> 00:40:49,349
in Jeff's name nice no yes yes indeed

1052
00:40:46,619 --> 00:40:50,970
keep reading for those attending dragon

1053
00:40:49,349 --> 00:40:53,910
column this is the night before the

1054
00:40:50,969 --> 00:40:57,469
craziness begins go to Atlanta skeptics

1055

00:40:53,909 --> 00:41:00,199
calm / star party for full information

1056
00:40:57,469 --> 00:41:02,389
remember to meteorites don't make a

1057
00:41:00,199 --> 00:41:05,329
meteor wrong don't add anything just

1058
00:41:02,389 --> 00:41:07,549
just read sorry the Atlanta skeptic star

1059
00:41:05,329 --> 00:41:10,400
party of family game freezer King and

1060
00:41:07,550 --> 00:41:13,460
George Rob Thursday September second at

1061
00:41:10,400 --> 00:41:16,099
seven-thirty p.m. you gonna go oh yeah

1062
00:41:13,460 --> 00:41:20,480
just make sure you listen mostly cool

1063
00:41:16,099 --> 00:41:26,450
cool Atlanta skeptics dot-com / star

1064
00:41:20,480 --> 00:41:44,990
party join us now for drinking

1065
00:41:26,449 --> 00:41:48,309
skeptically in the think tank and it's a

1066
00:41:44,989 --> 00:41:51,169
good evening and welcome to a think tank

1067
00:41:48,309 --> 00:41:52,940
and tonight's guests playing a song that

1068
00:41:51,170 --> 00:41:54,590
I have never heard before I must admit

1069
00:41:52,940 --> 00:41:57,320

what was the song called where's me to

1070

00:41:54,590 --> 00:42:00,108

ask me jumper where's me jumper by

1071

00:41:57,320 --> 00:42:01,280

sultans of ping FC from County Cork and

1072

00:42:00,108 --> 00:42:05,750

the reason we're playing that is because

1073

00:42:01,280 --> 00:42:07,010

it's on the latest Maynard's podcast and

1074

00:42:05,750 --> 00:42:08,480

as you might have gathered what our

1075

00:42:07,010 --> 00:42:10,369

special guest tonight is course none of

1076

00:42:08,480 --> 00:42:12,230

them may not hello may not how is your

1077

00:42:10,369 --> 00:42:13,970

foot night then look it's great to be

1078

00:42:12,230 --> 00:42:15,199

here but more importantly what coming up

1079

00:42:13,969 --> 00:42:16,489

at the weekend but we'll get on to that

1080

00:42:15,199 --> 00:42:18,439

in a minute please introduce the rest of

1081

00:42:16,489 --> 00:42:20,809

the drunk tank tonight wouldn't know

1082

00:42:18,440 --> 00:42:24,289

we're not even I mean I'm having a dime

1083

00:42:20,809 --> 00:42:26,570

on me one bit hello to James g'day

1084
00:42:24,289 --> 00:42:28,639
everyone today we're so that your little

1085
00:42:26,570 --> 00:42:30,830
sheepies she be along tonight now he's

1086
00:42:28,639 --> 00:42:33,949
staying at home sleeping Adam ich sie

1087
00:42:30,829 --> 00:42:35,838
blasen are you shipping dr. AG hello

1088
00:42:33,949 --> 00:42:39,858
little numbing tins here though a little

1089
00:42:35,838 --> 00:42:43,699
numbing t'en Jason good evening now I

1090
00:42:39,858 --> 00:42:46,460
I'm well my jump as well to Joe Benna

1091
00:42:43,699 --> 00:42:48,769
move the skeptical nurse I return are

1092
00:42:46,460 --> 00:42:50,869
you skeptical I'm skeptical I'm always

1093
00:42:48,769 --> 00:42:53,000
skeptical well why don't you lead off

1094
00:42:50,869 --> 00:42:56,809
proceedings tonight skeptical nurse Joe

1095
00:42:53,000 --> 00:42:58,219
all right well um for those of you

1096
00:42:56,809 --> 00:43:00,230
living in Sydney and around Australia

1097
00:42:58,219 --> 00:43:02,088
you probably know that we've just

1098
00:43:00,230 --> 00:43:04,110
started National Science Week I think I

1099
00:43:02,088 --> 00:43:07,920
me was just started this week wasn't it

1100
00:43:04,110 --> 00:43:10,590
yes we type and one of the events on the

1101
00:43:07,920 --> 00:43:13,590
National Science Week calendar is the

1102
00:43:10,590 --> 00:43:15,380
ultimo Science Festival which is run in

1103
00:43:13,590 --> 00:43:18,210
the center of Sydney includes some

1104
00:43:15,380 --> 00:43:22,140
fantastic events on the science calendar

1105
00:43:18,210 --> 00:43:24,090
promotions of science and dr. Rocha 994

1106
00:43:22,139 --> 00:43:25,589
last few years okay yeah well we went

1107
00:43:24,090 --> 00:43:28,110
down to Cameron so we went down to

1108
00:43:25,590 --> 00:43:29,760
Cameron something to do yeah anyway so I

1109
00:43:28,110 --> 00:43:31,860
was some I was having a look at the

1110
00:43:29,760 --> 00:43:35,790
website for the Ultima Science Festival

1111
00:43:31,860 --> 00:43:38,789
and I was rather I guess it would be

1112

00:43:35,789 --> 00:43:41,820
horrified this made taken aback taken

1113
00:43:38,789 --> 00:43:44,130
aback to see that on the calendar for

1114
00:43:41,820 --> 00:43:46,530
the ultimo science festival is what

1115
00:43:44,130 --> 00:43:54,000
they're calling acupuncture and Chinese

1116
00:43:46,530 --> 00:43:56,460
medicine clinical tours um anyway I

1117
00:43:54,000 --> 00:43:58,139
don't do you interrupt you may now did

1118
00:43:56,460 --> 00:44:01,199
you choose this background music oh it's

1119
00:43:58,139 --> 00:44:03,690
gone no no just as we mention a key

1120
00:44:01,199 --> 00:44:08,429
puncher ever sings take a chance on me

1121
00:44:03,690 --> 00:44:10,740
coincidence carry on Joe so anyway I am

1122
00:44:08,429 --> 00:44:13,589
I was suitably concerned and I decided

1123
00:44:10,739 --> 00:44:15,750
to write to the organizers at the

1124
00:44:13,590 --> 00:44:22,230
Science Festival and ask them why they

1125
00:44:15,750 --> 00:44:26,630
thought that I can't talk with Kylie's

1126
00:44:22,230 --> 00:44:29,849

on it Oh Carly my no not Carly Sturgis

1127

00:44:26,630 --> 00:44:32,610

so I decided to write to the organizers

1128

00:44:29,849 --> 00:44:34,259

and find out why they thought this was a

1129

00:44:32,610 --> 00:44:36,059

suitable event to include on the

1130

00:44:34,260 --> 00:44:39,420

calendar of a science festival because

1131

00:44:36,059 --> 00:44:41,340

as most of us would know there is no

1132

00:44:39,420 --> 00:44:44,490

evidence to support any science behind

1133

00:44:41,340 --> 00:44:46,140

acupuncture and I wrote to them and

1134

00:44:44,489 --> 00:44:49,799

express my concern and I got a response

1135

00:44:46,139 --> 00:44:52,920

back from someone at the university of

1136

00:44:49,800 --> 00:44:54,390

technology actually I'm not I'm not a

1137

00:44:52,920 --> 00:44:56,280

hundred percent certain how UTS

1138

00:44:54,389 --> 00:44:58,289

specifically is tied to the Science

1139

00:44:56,280 --> 00:44:59,940

Festival they are based in ultimo and I

1140

00:44:58,289 --> 00:45:02,759

probably a lot of their events are

1141
00:44:59,940 --> 00:45:04,829
connected because of that and I do also

1142
00:45:02,760 --> 00:45:07,740
know that UTS has has run a course on

1143
00:45:04,829 --> 00:45:09,420
Chinese medicine for many many years and

1144
00:45:07,739 --> 00:45:11,099
if you'd like I'll actually read you the

1145
00:45:09,420 --> 00:45:16,039
response that they gave me please do you

1146
00:45:11,099 --> 00:45:16,039
can pin your logical fallacies as you go

1147
00:45:16,239 --> 00:45:19,478
Joanne thank you for your interest in

1148
00:45:17,949 --> 00:45:20,889
the ultimate Science Festival we

1149
00:45:19,478 --> 00:45:22,448
acknowledge your concern over the

1150
00:45:20,889 --> 00:45:25,119
inclusion of acupuncture and Chinese

1151
00:45:22,449 --> 00:45:26,528
medicine clinical towards acupuncture

1152
00:45:25,119 --> 00:45:27,759
and Chinese medicine has been part of

1153
00:45:26,528 --> 00:45:31,509
the university of technology sydney

1154
00:45:27,759 --> 00:45:33,728
since 1994 the university has been under

1155
00:45:31,509 --> 00:45:36,699
to authority the university has been

1156
00:45:33,728 --> 00:45:38,318
trusted it from sorry for you the

1157
00:45:36,699 --> 00:45:39,818
university has been undertaking

1158
00:45:38,318 --> 00:45:42,068
high-quality research into the

1159
00:45:39,818 --> 00:45:46,628
mechanisms of acupuncture as well as its

1160
00:45:42,068 --> 00:45:48,338
therapeutic outcomes enough so okay if

1161
00:45:46,628 --> 00:45:51,188
you are and if you actually had any

1162
00:45:48,338 --> 00:45:53,619
decent studies be a better look at them

1163
00:45:51,188 --> 00:45:55,598
anyway if you were to undertake a full

1164
00:45:53,619 --> 00:45:57,159
review of the medical literature you

1165
00:45:55,599 --> 00:45:58,959
would find that in recent years a number

1166
00:45:57,159 --> 00:46:00,189
of high quality international studies

1167
00:45:58,958 --> 00:46:02,678
with positive outcomes have been

1168
00:46:00,188 --> 00:46:05,438
published well there was one just

1169

00:46:02,679 --> 00:46:06,999
published in the LA and ejm was there um

1170
00:46:05,438 --> 00:46:08,588
actually I haven't had a chance to look

1171
00:46:06,998 --> 00:46:10,628
at that one only 1 i've looked at this

1172
00:46:08,588 --> 00:46:12,759
one a wild back pain one or something

1173
00:46:10,628 --> 00:46:15,098
yet there was the one there was the one

1174
00:46:12,759 --> 00:46:17,769
that came out a few about a year and a

1175
00:46:15,099 --> 00:46:18,999
half two years ago now the one i think a

1176
00:46:17,768 --> 00:46:21,788
lot of whom would be familiar with where

1177
00:46:18,998 --> 00:46:23,918
they compared sham acupuncture real

1178
00:46:21,789 --> 00:46:27,129
acupuncture and there were actually four

1179
00:46:23,918 --> 00:46:28,929
streams study and it showed the study

1180
00:46:27,128 --> 00:46:30,759
showed that sham acupuncture was

1181
00:46:28,929 --> 00:46:32,559
punctured the other one was just by the

1182
00:46:30,759 --> 00:46:34,628
book exactly where the book says in the

1183
00:46:32,559 --> 00:46:36,759

third one was personalized acupuncture

1184

00:46:34,628 --> 00:46:38,949

and of course the fourth group was no

1185

00:46:36,759 --> 00:46:40,929

acupuncture at all now all four groups

1186

00:46:38,949 --> 00:46:43,599

actually received conventional treatment

1187

00:46:40,929 --> 00:46:45,939

as well so all they're really comparing

1188

00:46:43,599 --> 00:46:48,309

is doing nothing vers doing something

1189

00:46:45,938 --> 00:46:51,398

irrelevant of what that something is the

1190

00:46:48,309 --> 00:46:54,579

study was that shamik at sham

1191

00:46:51,398 --> 00:46:56,528

acupuncture was as effective as real

1192

00:46:54,579 --> 00:46:59,259

acupuncture and the way that this was

1193

00:46:56,528 --> 00:47:01,449

then taken by the media and I think the

1194

00:46:59,259 --> 00:47:06,188

authors of the study as well was that

1195

00:47:01,449 --> 00:47:07,778

sham acupuncture works as well study

1196

00:47:06,188 --> 00:47:09,428

didn't really say that but the companies

1197

00:47:07,778 --> 00:47:11,079

behind it promoting it they were the

1198
00:47:09,429 --> 00:47:14,139
ones saying yes it actually does work

1199
00:47:11,079 --> 00:47:15,759
and that that's actually been written

1200
00:47:14,139 --> 00:47:17,318
about quite extensively on science-based

1201
00:47:15,759 --> 00:47:18,759
medicine I know Stephen Amell written

1202
00:47:17,318 --> 00:47:20,798
about they've talked about honest to you

1203
00:47:18,759 --> 00:47:24,278
so it's pretty well known and people

1204
00:47:20,798 --> 00:47:25,719
commented on pretty extensively anyway

1205
00:47:24,278 --> 00:47:28,300
she carries on she says there are many

1206
00:47:25,719 --> 00:47:30,559
clinical trial based papers as well

1207
00:47:28,300 --> 00:47:32,930
just because their child's around there

1208
00:47:30,559 --> 00:47:34,339
doesn't mean they show anything simply

1209
00:47:32,929 --> 00:47:36,318
because we do not understand the

1210
00:47:34,338 --> 00:47:37,699
mechanisms of acupuncture does not mean

1211
00:47:36,318 --> 00:47:39,108
that we should abandon the scientific

1212
00:47:37,699 --> 00:47:43,159
investigation of this medical

1213
00:47:39,108 --> 00:47:45,739
intervention can I just add something to

1214
00:47:43,159 --> 00:47:47,779
that Joe I'm currently writing a review

1215
00:47:45,739 --> 00:47:50,209
on a puncture a review of the reviews of

1216
00:47:47,780 --> 00:47:52,250
acupuncture and there's a couple of

1217
00:47:50,210 --> 00:47:55,670
reviews that I've come across that the

1218
00:47:52,250 --> 00:47:58,730
has shown at benefit over placebo but

1219
00:47:55,670 --> 00:48:02,450
it's been in conditions like mild back

1220
00:47:58,730 --> 00:48:04,550
pain as Jason just mentioned and I think

1221
00:48:02,449 --> 00:48:05,358
the other one was mild headache so all

1222
00:48:04,550 --> 00:48:07,490
these conditions that are

1223
00:48:05,358 --> 00:48:09,679
self-correcting if you like the other

1224
00:48:07,489 --> 00:48:12,229
reviews I've looked at it is for example

1225
00:48:09,679 --> 00:48:14,960
be subjective yeah because they're all

1226

00:48:12,230 --> 00:48:16,190
out of a headache they'll give you a rub

1227
00:48:14,960 --> 00:48:18,318
on the head oh it's much better now

1228
00:48:16,190 --> 00:48:20,539
thanks well that's right got much better

1229
00:48:18,318 --> 00:48:21,980
effect yeah because one of the one of

1230
00:48:20,539 --> 00:48:24,889
the studies looked at IBS irritable

1231
00:48:21,980 --> 00:48:26,960
bowel syndrome and guess what well

1232
00:48:24,889 --> 00:48:28,429
nothing happened it didn't have any

1233
00:48:26,960 --> 00:48:30,858
effects because that is a clinical

1234
00:48:28,429 --> 00:48:32,210
condition that you know results in you

1235
00:48:30,858 --> 00:48:35,420
well you know about this stuff as you

1236
00:48:32,210 --> 00:48:39,019
work in gastroenterology think yeah and

1237
00:48:35,420 --> 00:48:40,940
you'll say something else but that's not

1238
00:48:39,019 --> 00:48:42,380
something that you know like I'd like a

1239
00:48:40,940 --> 00:48:44,000
headache and mild back pay and their

1240
00:48:42,380 --> 00:48:46,010

self correcting and as you say

1241
00:48:44,000 --> 00:48:48,469
subjective that's not something that can

1242
00:48:46,010 --> 00:48:50,869
get better by itself so all the studies

1243
00:48:48,469 --> 00:48:54,919
I've looked at but similarly though I vs

1244
00:48:50,869 --> 00:48:57,619
is it's almost a diagnosis of what do

1245
00:48:54,920 --> 00:48:59,240
you call it a half gone blank it's a

1246
00:48:57,619 --> 00:49:02,329
diagnosis that's made by eliminating all

1247
00:48:59,239 --> 00:49:03,769
other diagnoses so it's a danger it's a

1248
00:49:02,329 --> 00:49:05,869
syndrome it doesn't it's a very vague

1249
00:49:03,769 --> 00:49:07,789
and nonspecific condition I mean it

1250
00:49:05,869 --> 00:49:09,079
exists but again it's like many other

1251
00:49:07,789 --> 00:49:10,579
conditions that they claim to be able to

1252
00:49:09,079 --> 00:49:12,048
treat with things like acupuncture where

1253
00:49:10,579 --> 00:49:13,730
it can be very subjective and the

1254
00:49:12,048 --> 00:49:16,429
responses are very subjective and it's

1255
00:49:13,730 --> 00:49:17,750
very hard to measure well so was there

1256
00:49:16,429 --> 00:49:19,429
any more of that matter there is there

1257
00:49:17,750 --> 00:49:21,199
is more I'm she then says I'm sure

1258
00:49:19,429 --> 00:49:22,848
however that we can both agree that the

1259
00:49:21,199 --> 00:49:25,429
purpose of the ultimate science festival

1260
00:49:22,849 --> 00:49:26,780
is to promote science as a whole we do

1261
00:49:25,429 --> 00:49:28,548
not believe that the inclusion of this

1262
00:49:26,780 --> 00:49:30,619
clinical tool will undermine the fabric

1263
00:49:28,548 --> 00:49:34,750
of science or the intent of the festival

1264
00:49:30,619 --> 00:49:38,710
quite the opposite really

1265
00:49:34,750 --> 00:49:41,800
now I believe that this is more or less

1266
00:49:38,710 --> 00:49:44,760
a formless yeah well yes this is

1267
00:49:41,800 --> 00:49:48,100
actually a formulation because Iran

1268
00:49:44,760 --> 00:49:50,500
segev has wrote also wrote complaining

1269
00:49:48,099 --> 00:49:54,639
about the same thing and got the

1270
00:49:50,500 --> 00:49:58,750
identical word for word response that I

1271
00:49:54,639 --> 00:50:02,230
did the identical letter so I haven't

1272
00:49:58,750 --> 00:50:04,630
yet responded erin has responded she did

1273
00:50:02,230 --> 00:50:06,309
actually also send us kushiro she

1274
00:50:04,630 --> 00:50:12,220
referred specifically to a particular

1275
00:50:06,309 --> 00:50:14,079
paper which she did send and it this is

1276
00:50:12,219 --> 00:50:16,559
one that came out recently in nature

1277
00:50:14,079 --> 00:50:19,840
neuroscience and it's been blogged on

1278
00:50:16,559 --> 00:50:22,719
extensively by David Gorski and Steve

1279
00:50:19,840 --> 00:50:26,140
novella and it's another paper that's

1280
00:50:22,719 --> 00:50:28,929
being thrown around by promoters of

1281
00:50:26,139 --> 00:50:31,239
acupuncture and they're claiming that

1282
00:50:28,929 --> 00:50:33,009
this study was you know proving and

1283

00:50:31,239 --> 00:50:34,959
demonstrating that acupuncture works but

1284
00:50:33,010 --> 00:50:36,700
of course when the minister he was torn

1285
00:50:34,960 --> 00:50:39,190
to shreds it was demonstrate it was

1286
00:50:36,699 --> 00:50:41,349
actually a very good study but the study

1287
00:50:39,190 --> 00:50:43,539
was really not of acupuncture the study

1288
00:50:41,349 --> 00:50:48,429
showed some very interesting things

1289
00:50:43,539 --> 00:50:51,880
about how adenosine works in in pain

1290
00:50:48,429 --> 00:50:52,929
relief and Dave Gorski in how he wrote

1291
00:50:51,880 --> 00:50:54,430
it up actually said that it was a

1292
00:50:52,929 --> 00:50:55,750
fascinating study that actually showed

1293
00:50:54,429 --> 00:50:56,919
some really interesting things and had

1294
00:50:55,750 --> 00:50:58,420
some really interesting clinical

1295
00:50:56,920 --> 00:51:01,539
implications which scientists could

1296
00:50:58,420 --> 00:51:04,119
actually use to create new drugs and

1297
00:51:01,539 --> 00:51:06,730

work differently with treating pain but

1298

00:51:04,119 --> 00:51:10,239

unfortunately the the people who

1299

00:51:06,730 --> 00:51:12,519

conducted the study were so attached to

1300

00:51:10,239 --> 00:51:14,319

the acupuncture side of things that it

1301

00:51:12,519 --> 00:51:16,710

really distracts from what was

1302

00:51:14,320 --> 00:51:18,940

effectively actually a pretty good paper

1303

00:51:16,710 --> 00:51:20,860

but the study itself really shows

1304

00:51:18,940 --> 00:51:22,840

nothing to do with acupuncture at all

1305

00:51:20,860 --> 00:51:25,180

the fact that acupuncture was a part of

1306

00:51:22,840 --> 00:51:27,970

the study was entirely irrelevant but

1307

00:51:25,179 --> 00:51:29,879

people like this this nicole eng who

1308

00:51:27,969 --> 00:51:32,529

who's responded to my complaint is

1309

00:51:29,880 --> 00:51:34,030

holding this up as evidence that

1310

00:51:32,530 --> 00:51:36,420

acupuncture works and why it is

1311

00:51:34,030 --> 00:51:38,500

scientific and we should be you know

1312
00:51:36,420 --> 00:51:41,440
nicole in

1313
00:51:38,500 --> 00:51:42,760
what's your position think you know late

1314
00:51:41,440 --> 00:51:44,110
I want to poison the well or anything

1315
00:51:42,760 --> 00:51:46,390
but it's she part of the school of

1316
00:51:44,110 --> 00:51:48,220
Integrative jobs it wouldn't be hard to

1317
00:51:46,389 --> 00:51:49,960
find out I haven't had a chance today to

1318
00:51:48,219 --> 00:51:52,659
this all happened this afternoon and I

1319
00:51:49,960 --> 00:51:54,909
haven't had a chance to find out so

1320
00:51:52,659 --> 00:51:56,559
we'll we'll get back to you on what's

1321
00:51:54,909 --> 00:51:59,170
also interesting about that Joe is she

1322
00:51:56,559 --> 00:52:00,369
sent you one study one study didn't she

1323
00:51:59,170 --> 00:52:03,099
say in the letter there's lots of

1324
00:52:00,369 --> 00:52:05,139
evidence so that's one study why didn't

1325
00:52:03,099 --> 00:52:08,319
she just send a cochrane review or

1326
00:52:05,139 --> 00:52:13,119
something oh I know why because none of

1327
00:52:08,320 --> 00:52:14,650
them show as positive i am i'm not

1328
00:52:13,119 --> 00:52:16,179
satisfied with the response i've been

1329
00:52:14,650 --> 00:52:18,220
given i don't think it explains anything

1330
00:52:16,179 --> 00:52:19,719
about why they have ultimately Science

1331
00:52:18,219 --> 00:52:22,750
Festival has seen fit to include this

1332
00:52:19,719 --> 00:52:25,179
but what I would recommend is if anyone

1333
00:52:22,750 --> 00:52:27,280
else feels the way I do that you also

1334
00:52:25,179 --> 00:52:29,199
write to the ultimo Science Festival and

1335
00:52:27,280 --> 00:52:30,790
ask them why they think that this is an

1336
00:52:29,199 --> 00:52:34,119
appropriate event and what's the email

1337
00:52:30,789 --> 00:52:37,719
address the email address is ultimo

1338
00:52:34,119 --> 00:52:40,659
Science Festival at gmail com there you

1339
00:52:37,719 --> 00:52:43,480
go in fact if listeners Google are

1340

00:52:40,659 --> 00:52:44,920
kicking against the pricks they can find

1341
00:52:43,480 --> 00:52:46,840
an article written many years ago by

1342
00:52:44,920 --> 00:52:48,639
Australian skeptics about acupuncture

1343
00:52:46,840 --> 00:52:50,470
can I just say that we got bumped from

1344
00:52:48,639 --> 00:52:52,599
the ultimo Science Festival this year

1345
00:52:50,469 --> 00:52:54,549
and I was going to say how you feel

1346
00:52:52,599 --> 00:52:56,319
about being bumped for acupuncture well

1347
00:52:54,550 --> 00:52:58,620
I think these rooms I think that shows

1348
00:52:56,320 --> 00:53:02,230
every year why not killers Oh

1349
00:52:58,619 --> 00:53:04,210
controversial oh I believe this happens

1350
00:53:02,230 --> 00:53:05,860
every year it seems rather old seeing it

1351
00:53:04,210 --> 00:53:08,380
in the past but yeah we got bumped for

1352
00:53:05,860 --> 00:53:10,599
budget reasons so speaking about being

1353
00:53:08,380 --> 00:53:12,640
some changes you better not be sounding

1354
00:53:10,599 --> 00:53:14,799

you know better no we're not bitter and

1355

00:53:12,639 --> 00:53:16,690
twisted or there's also the lewd

1356

00:53:14,800 --> 00:53:18,760
behavior last year that you went where

1357

00:53:16,690 --> 00:53:20,380
tune with the crowd well we are there is

1358

00:53:18,760 --> 00:53:22,480
that we do have anything under our lab

1359

00:53:20,380 --> 00:53:23,650
coat something I only went in your lab

1360

00:53:22,480 --> 00:53:25,750
coat

1361

00:53:23,650 --> 00:53:30,760
that was inappropriate use of a power

1362

00:53:25,750 --> 00:53:33,340
balance band well let me use the bumped

1363

00:53:30,760 --> 00:53:36,250
the bumped for something else is a bit

1364

00:53:33,340 --> 00:53:38,110
of a segue dr. 'he you and I had a

1365

00:53:36,250 --> 00:53:40,150
marvelous time going down to cambrun

1366

00:53:38,110 --> 00:53:42,280
thanks to andrew gould for helping to

1367

00:53:40,150 --> 00:53:44,380
arrange that we spoke to skeptics in the

1368

00:53:42,280 --> 00:53:46,750
pub down there yeah we had a fantastic

1369
00:53:44,380 --> 00:53:48,579
day it was packed out wasn't it it

1370
00:53:46,750 --> 00:53:51,849
worked really was I mean I went there

1371
00:53:48,579 --> 00:53:53,710
previously with sheepy to c pz myers a

1372
00:53:51,849 --> 00:53:55,179
number of months back and i reckon there

1373
00:53:53,710 --> 00:53:57,880
were more people there this time then

1374
00:53:55,179 --> 00:54:01,419
there were four pz yeah it was chalkers

1375
00:53:57,880 --> 00:54:03,670
really it was good fun but the day

1376
00:54:01,420 --> 00:54:06,369
before i was scheduled to go on a local

1377
00:54:03,670 --> 00:54:08,650
radio station to see see there in

1378
00:54:06,369 --> 00:54:11,739
canberra speak to them their afternoon

1379
00:54:08,650 --> 00:54:14,050
presenter mike welsch mike welsch and so

1380
00:54:11,739 --> 00:54:16,359
the producer emailed me we lined it up

1381
00:54:14,050 --> 00:54:18,550
and i stayed home just to take the call

1382
00:54:16,360 --> 00:54:19,599
because I thought great publicity and so

1383
00:54:18,550 --> 00:54:21,180
I'm waiting and I'm waiting and I'm

1384
00:54:19,599 --> 00:54:23,860
listening online to the radio station

1385
00:54:21,179 --> 00:54:28,269
excuse me before I'm scheduled to be go

1386
00:54:23,860 --> 00:54:31,329
on and on comes denyne I Leah from catch

1387
00:54:28,269 --> 00:54:33,730
the fire ministries right and he talks

1388
00:54:31,329 --> 00:54:35,679
for about five to ten minutes or so I'm

1389
00:54:33,730 --> 00:54:38,110
thinking oh wow why would anybody have

1390
00:54:35,679 --> 00:54:40,359
that he's the guy who said that the bush

1391
00:54:38,110 --> 00:54:42,400
fires in Victoria few years ago caused

1392
00:54:40,360 --> 00:54:44,620
by the important laws in Victoria Weir

1393
00:54:42,400 --> 00:54:46,930
retribution from God so he's a nutcase

1394
00:54:44,619 --> 00:54:48,940
he was a kind of hang and uncharted asus

1395
00:54:46,929 --> 00:54:50,649
isms on Hills a tug Canberra once a year

1396
00:54:48,940 --> 00:54:52,059
yeah and he's after witches and all

1397

00:54:50,650 --> 00:54:53,800
sorts of things on top of that he also

1398
00:54:52,059 --> 00:54:55,480
said he dreamt the victorian bushfires

1399
00:54:53,800 --> 00:54:58,900
were coming but just didn't tell anyone

1400
00:54:55,480 --> 00:55:01,420
yeah so I'm thinking to myself why would

1401
00:54:58,900 --> 00:55:04,030
anyone have this miss nutter on radio I

1402
00:55:01,420 --> 00:55:05,829
mean what's the deal and and then the

1403
00:55:04,030 --> 00:55:07,510
producer gets back on the lot i was on i

1404
00:55:05,829 --> 00:55:09,610
was waiting by the phone ring ring ah

1405
00:55:07,510 --> 00:55:11,890
yep yeah here ready to go she said well

1406
00:55:09,610 --> 00:55:13,480
unfortunately we've run out of time we

1407
00:55:11,889 --> 00:55:16,059
can't fit you in our schedule today and

1408
00:55:13,480 --> 00:55:18,250
so I wasn't happy and I said to produce

1409
00:55:16,059 --> 00:55:21,009
it but you've got this guy on who said

1410
00:55:18,250 --> 00:55:23,019
that the bush fires were sent by God so

1411
00:55:21,010 --> 00:55:25,500

not happy not happy what's the

1412

00:55:23,019 --> 00:55:28,179

expression by happy Jan not happy Jan

1413

00:55:25,500 --> 00:55:30,849

anyway but apart from that dr. a cheap

1414

00:55:28,179 --> 00:55:32,259

when we drove down the Canberra but we

1415

00:55:30,849 --> 00:55:34,089

actually stopped on the side of the road

1416

00:55:32,260 --> 00:55:36,680

and I took a call from another radio

1417

00:55:34,090 --> 00:55:38,150

station spoke about what 15 minutes

1418

00:55:36,679 --> 00:55:40,190

really good into yeah really long

1419

00:55:38,150 --> 00:55:41,930

interview did you go to Fishwick cuz

1420

00:55:40,190 --> 00:55:44,539

that's good for porn fireworks and

1421

00:55:41,929 --> 00:55:46,308

wicker furniture I don't know that we

1422

00:55:44,539 --> 00:55:49,039

can furniture thing oh yeah well that's

1423

00:55:46,309 --> 00:55:50,960

when I uses a cover story fireworks yeah

1424

00:55:49,039 --> 00:55:52,219

you can still buy fireworks oh I don't

1425

00:55:50,960 --> 00:55:54,920

know I imagine if you know the right

1426
00:55:52,219 --> 00:55:56,149
people i mean i mean at certain times

1427
00:55:54,920 --> 00:55:57,559
the it's a place to go for if you want

1428
00:55:56,150 --> 00:55:59,568
your hand blown off it's the place to go

1429
00:55:57,559 --> 00:56:01,250
to there's an interesting occurrence and

1430
00:55:59,568 --> 00:56:02,539
i'm glad Maynard's here because he

1431
00:56:01,250 --> 00:56:04,250
certainly knows the area a little bit

1432
00:56:02,539 --> 00:56:06,679
better than we do Maynard there's an

1433
00:56:04,250 --> 00:56:09,650
interesting story about some ghostly

1434
00:56:06,679 --> 00:56:11,838
activity up north in the newcastle area

1435
00:56:09,650 --> 00:56:14,088
that's right and look the local ABC

1436
00:56:11,838 --> 00:56:15,380
radio station there which I've involved

1437
00:56:14,088 --> 00:56:16,849
with that hasn't been covering this

1438
00:56:15,380 --> 00:56:19,160
story because it's the kind of thing you

1439
00:56:16,849 --> 00:56:20,930
don't really want encouraged basically

1440
00:56:19,159 --> 00:56:23,929
north of Newcastle there's lemon tree

1441
00:56:20,929 --> 00:56:26,239
passage road which is not very well lit

1442
00:56:23,929 --> 00:56:28,608
it's mainly dark it's very straight

1443
00:56:26,239 --> 00:56:29,629
there are a couple of houses along at

1444
00:56:28,608 --> 00:56:31,670
the might have lights on it but it's

1445
00:56:29,630 --> 00:56:33,500
reasonably dark but having said that

1446
00:56:31,670 --> 00:56:35,599
there are a few houses as you would be

1447
00:56:33,500 --> 00:56:36,980
passing but what people claim to be

1448
00:56:35,599 --> 00:56:38,359
doing and there's a couple of videos

1449
00:56:36,980 --> 00:56:40,909
available on YouTube and it's been

1450
00:56:38,358 --> 00:56:44,598
recorded on news condo you I think it

1451
00:56:40,909 --> 00:56:46,548
was if you go 180 kilometers an hour or

1452
00:56:44,599 --> 00:56:48,769
faster that's us which i think in miles

1453
00:56:46,548 --> 00:56:51,019
an hour is about 110 miles now that'd be

1454

00:56:48,769 --> 00:56:53,630
about that refer about that we'll find

1455
00:56:51,019 --> 00:56:56,030
out for sure if you go that fast or

1456
00:56:53,630 --> 00:56:58,068
faster you'll see the ghost of a

1457
00:56:56,030 --> 00:56:59,990
motorcyclist approach you from behind

1458
00:56:58,068 --> 00:57:01,730
with his lives on it's a ghost of

1459
00:56:59,989 --> 00:57:03,169
apparently a 20 year old kid who was

1460
00:57:01,730 --> 00:57:04,548
killed there three years ago in a

1461
00:57:03,170 --> 00:57:06,858
motorcycle accident now we haven't

1462
00:57:04,548 --> 00:57:08,960
checked that but it is indeed possible

1463
00:57:06,858 --> 00:57:10,730
but the fact that there's a number of

1464
00:57:08,960 --> 00:57:13,190
videos going up on YouTube about this is

1465
00:57:10,730 --> 00:57:14,750
quite alarming and being the error it is

1466
00:57:13,190 --> 00:57:16,730
too it's a straight road if the police

1467
00:57:14,750 --> 00:57:18,230
weren't around you you might get away

1468
00:57:16,730 --> 00:57:19,670

with being able to do that and I can

1469

00:57:18,230 --> 00:57:20,869

that I can understand why few people

1470

00:57:19,670 --> 00:57:22,548

have made the videos you can hear the

1471

00:57:20,869 --> 00:57:23,990

kids getting very excited about it but

1472

00:57:22,548 --> 00:57:25,818

we don't have any idea what it is my

1473

00:57:23,989 --> 00:57:28,098

guess is that it's probably a reflection

1474

00:57:25,818 --> 00:57:31,130

in a certain area from what few lights

1475

00:57:28,099 --> 00:57:33,170

there are around that area or we'll just

1476

00:57:31,130 --> 00:57:35,450

just a one-off but why you have to be

1477

00:57:33,170 --> 00:57:37,039

going at 180 to see these reflections I

1478

00:57:35,449 --> 00:57:40,039

don't know it's certainly worth checking

1479

00:57:37,039 --> 00:57:43,460

out but since i drive a VW

1480

00:57:40,039 --> 00:57:45,139

as my car goes 180 three kilometers now

1481

00:57:43,460 --> 00:57:47,960

when it was new ten years ago so I'm

1482

00:57:45,139 --> 00:57:49,670

downhill yeah 11 miles an hour that's

1483
00:57:47,960 --> 00:57:51,380
fast enough and my theories the way have

1484
00:57:49,670 --> 00:57:52,730
to be going 180 kilometers now is

1485
00:57:51,380 --> 00:57:54,170
because when you're going slowly you can

1486
00:57:52,730 --> 00:57:56,480
actually see clearly enough to tell

1487
00:57:54,170 --> 00:57:58,280
pretty obviously exactly what it is yeah

1488
00:57:56,480 --> 00:57:59,960
why don't these could slow down just

1489
00:57:58,280 --> 00:58:01,610
slow the car down put on the brakes and

1490
00:57:59,960 --> 00:58:04,070
keep looking at the light and see that

1491
00:58:01,610 --> 00:58:05,870
because it's magic because the legend is

1492
00:58:04,070 --> 00:58:07,610
the ghost is apparently trying to warn

1493
00:58:05,869 --> 00:58:09,679
them not to drive dangerously so if

1494
00:58:07,610 --> 00:58:11,210
you'd globe below a certain speed you're

1495
00:58:09,679 --> 00:58:13,549
not driving dangerously and the ghost is

1496
00:58:11,210 --> 00:58:15,800
not it just didn't see you anymore that

1497
00:58:13,550 --> 00:58:17,450
goes to doing it badly wrong see this is

1498
00:58:15,800 --> 00:58:20,120
the classic urban myth that's gonna get

1499
00:58:17,449 --> 00:58:22,219
people killed this is a very good point

1500
00:58:20,119 --> 00:58:24,409
may not in fact I got a letter from our

1501
00:58:22,219 --> 00:58:26,419
good friend Jay novella at the skeptics

1502
00:58:24,409 --> 00:58:28,039
guide to the universe because they've

1503
00:58:26,420 --> 00:58:30,710
had some correspondence about this very

1504
00:58:28,039 --> 00:58:33,949
thing and one of their correspondence is

1505
00:58:30,710 --> 00:58:36,139
written to them I won't go through the

1506
00:58:33,949 --> 00:58:37,579
whole letter but the correspondent is

1507
00:58:36,139 --> 00:58:39,650
saying is a young person who has

1508
00:58:37,579 --> 00:58:42,440
recently lost a friend in a car accident

1509
00:58:39,650 --> 00:58:44,360
i am especially saddened by this

1510
00:58:42,440 --> 00:58:46,940
dangerous and stupid behavior which i

1511

00:58:44,360 --> 00:58:48,559
wholeheartedly agree with it's very

1512
00:58:46,940 --> 00:58:49,970
dangerous and stupid behavior well i

1513
00:58:48,559 --> 00:58:51,289
think this kids are doing that speed

1514
00:58:49,969 --> 00:58:53,359
limit in that area legally would

1515
00:58:51,289 --> 00:58:55,340
probably would we be 80 kilometers maybe

1516
00:58:53,360 --> 00:58:56,780
a hundred kilometers at the most and in

1517
00:58:55,340 --> 00:58:58,430
australia well in new south wales if

1518
00:58:56,780 --> 00:59:00,290
you're going 25 kilometers over the

1519
00:58:58,429 --> 00:59:02,269
limit it's not to make disqualification

1520
00:59:00,289 --> 00:59:04,849
for six months so if you're going 180

1521
00:59:02,269 --> 00:59:06,679
and you record at that speed i would

1522
00:59:04,849 --> 00:59:08,509
imagine i don't know how long is lose

1523
00:59:06,679 --> 00:59:10,669
license for but you showed us a video

1524
00:59:08,510 --> 00:59:12,860
before made out of kids having film

1525
00:59:10,670 --> 00:59:14,930

destiny that's true i showed you a bit a

1526

00:59:12,860 --> 00:59:16,400

bit of a video that kids had filmed from

1527

00:59:14,929 --> 00:59:17,599

the backseat so they were not the driver

1528

00:59:16,400 --> 00:59:19,309

though they were just the passengers in

1529

00:59:17,599 --> 00:59:20,989

the back seat filming what appears to be

1530

00:59:19,309 --> 00:59:22,639

some light approaching from behind but

1531

00:59:20,989 --> 00:59:25,099

it is there's a lot of artifacts in the

1532

00:59:22,639 --> 00:59:27,500

video and like i said the road is very

1533

00:59:25,099 --> 00:59:29,659

dark and very straight but there is the

1534

00:59:27,500 --> 00:59:31,070

odd light in the area from a house or

1535

00:59:29,659 --> 00:59:32,960

something like that there's not many but

1536

00:59:31,070 --> 00:59:34,760

there might be enough that that could be

1537

00:59:32,960 --> 00:59:37,070

reflecting within the back windscreen in

1538

00:59:34,760 --> 00:59:39,410

the car I don't know and that the test

1539

00:59:37,070 --> 00:59:41,630

would be to drive the same area at a

1540
00:59:39,409 --> 00:59:42,920
reasonable speed at around about the

1541
00:59:41,630 --> 00:59:44,480
same time a night and see if there's any

1542
00:59:42,920 --> 00:59:46,700
reflection there but I see but then

1543
00:59:44,480 --> 00:59:48,139
you're getting into Top Gear land if you

1544
00:59:46,699 --> 00:59:50,239
want to go driving around 100

1545
00:59:48,139 --> 00:59:52,099
well frankly and do it at night anyway

1546
00:59:50,239 --> 00:59:54,529
like that driving quickly at night you

1547
00:59:52,099 --> 00:59:56,480
run the risk of running over or bumping

1548
00:59:54,530 --> 00:59:58,400
into a nocturnal animal that's right

1549
00:59:56,480 --> 00:59:59,599
yeah you know that you know yep you

1550
00:59:58,400 --> 01:00:00,920
could be a good scoot over something

1551
00:59:59,599 --> 01:00:03,019
quite easily so this would be something

1552
01:00:00,920 --> 01:00:04,550
like sorry could get attacked by drop

1553
01:00:03,019 --> 01:00:06,489
bears yes you could but this is

1554
01:00:04,550 --> 01:00:08,630
something I wouldn't be keen to

1555
01:00:06,489 --> 01:00:09,919
investigate and test by driving quickly

1556
01:00:08,630 --> 01:00:11,720
at night because I think that would be

1557
01:00:09,920 --> 01:00:15,200
too dangerous anyway well I think it's

1558
01:00:11,719 --> 01:00:16,639
dangerous to test and I volunteer well

1559
01:00:15,199 --> 01:00:18,529
to see the thing is I don't think the

1560
01:00:16,639 --> 01:00:20,839
police would even agreed to a 28

1561
01:00:18,530 --> 01:00:22,370
allegedly safe test because because they

1562
01:00:20,840 --> 01:00:24,320
just don't want him for any any

1563
01:00:22,369 --> 01:00:27,920
publicity for this because it's not good

1564
01:00:24,320 --> 01:00:31,430
no in fact we strongly discourage anyone

1565
01:00:27,920 --> 01:00:33,800
anyone from being silly enough to speed

1566
01:00:31,429 --> 01:00:36,440
along this particular road at night at

1567
01:00:33,800 --> 01:00:39,050
high speed to check if some ridiculous

1568

01:00:36,440 --> 01:00:41,809
ghost story is true take it from us it's

1569
01:00:39,050 --> 01:00:44,090
not it's not true folks well what the

1570
01:00:41,809 --> 01:00:46,070
local police are saying is and here's a

1571
01:00:44,090 --> 01:00:47,660
quote we want speeding drivers to know

1572
01:00:46,070 --> 01:00:50,539
that the only bright light they'll be

1573
01:00:47,659 --> 01:00:54,139
seeing in their rear windows will be the

1574
01:00:50,539 --> 01:00:56,360
red and blue ones of our police car once

1575
01:00:54,139 --> 01:00:58,819
again my theory knowing the area a

1576
01:00:56,360 --> 01:01:01,280
little bit is that it's the reflections

1577
01:00:58,820 --> 01:01:02,570
of one of the few houses or lights that

1578
01:01:01,280 --> 01:01:04,370
are along that road because it is very

1579
01:01:02,570 --> 01:01:05,630
dark so anything that is in that road is

1580
01:01:04,369 --> 01:01:08,750
probably going to stand out in your

1581
01:01:05,630 --> 01:01:10,820
rear-view mirror anyway well let's

1582
01:01:08,750 --> 01:01:12,679

travel a bit further north to now James

1583

01:01:10,820 --> 01:01:16,610

just a little bit further north if we go

1584

01:01:12,679 --> 01:01:17,960

up to Darwin yeah only a couple of

1585

01:01:16,610 --> 01:01:21,170

kilometres give or take a street the

1586

01:01:17,960 --> 01:01:22,970

australian dollars greg is they don't

1587

01:01:21,170 --> 01:01:30,349

drink and drive they drink while they're

1588

01:01:22,969 --> 01:01:33,289

driving hi do all our listeners in

1589

01:01:30,349 --> 01:01:35,509

Darwin okay we all know the attention of

1590

01:01:33,289 --> 01:01:38,900

the octopus the psychic octopus Scott

1591

01:01:35,510 --> 01:01:40,340

for the World Cup Paul yeah also i was

1592

01:01:38,900 --> 01:01:45,579

calling giving suck remember his name

1593

01:01:40,340 --> 01:01:47,680

but anyway just name i gave them um

1594

01:01:45,579 --> 01:01:49,360

anyway everybody else is jumping on the

1595

01:01:47,679 --> 01:01:50,889

bandwagon now there's animals coming out

1596

01:01:49,360 --> 01:01:52,720

left right and center and in Darwin

1597
01:01:50,889 --> 01:01:54,190
there's a croc that's apparently going

1598
01:01:52,719 --> 01:01:55,419
to be able to predict the elections

1599
01:01:54,190 --> 01:01:59,889
that's happening in Australia right now

1600
01:01:55,420 --> 01:02:02,950
is the right word Rock how does it do

1601
01:01:59,889 --> 01:02:04,839
this James by eating the person by

1602
01:02:02,949 --> 01:02:06,639
eating the person that's pretty close

1603
01:02:04,840 --> 01:02:09,340
actually what they do is I get a red

1604
01:02:06,639 --> 01:02:10,929
head it's all Julia be long they get

1605
01:02:09,340 --> 01:02:12,519
photos of the two candidates and hang

1606
01:02:10,929 --> 01:02:15,069
some meat down below and whichever one

1607
01:02:12,519 --> 01:02:16,449
the crocodile goes for well I'm not too

1608
01:02:15,070 --> 01:02:18,070
sure about this honor whether that's the

1609
01:02:16,449 --> 01:02:19,719
one that the crocodile wants to lose

1610
01:02:18,070 --> 01:02:21,550
because eating at them or whether that's

1611
01:02:19,719 --> 01:02:23,649
the one who's going to win right I saw

1612
01:02:21,550 --> 01:02:27,250
some votes parameter bias creeping into

1613
01:02:23,650 --> 01:02:28,510
this but I the way yeah I the way the

1614
01:02:27,250 --> 01:02:30,369
experiment was actually done this

1615
01:02:28,510 --> 01:02:32,950
afternoon and apparently the crocodile

1616
01:02:30,369 --> 01:02:34,690
chose Julia Gillard to win so we'll see

1617
01:02:32,949 --> 01:02:37,659
how goes it has actually predicted some

1618
01:02:34,690 --> 01:02:39,389
things in the past um well next week

1619
01:02:37,659 --> 01:02:42,129
we'll find out whether do they go yeah

1620
01:02:39,389 --> 01:02:44,259
but polls are pretty comes just going to

1621
01:02:42,130 --> 01:02:45,730
win too but look look I think there's

1622
01:02:44,260 --> 01:03:01,360
clear buyers because that crocodile is a

1623
01:02:45,730 --> 01:03:02,980
known socialist anyway they talk about

1624
01:03:01,360 --> 01:03:04,690
other things in here that this crocodile

1625

01:03:02,980 --> 01:03:07,030
and the other crocodiles in the same

1626
01:03:04,690 --> 01:03:09,250
enclosure have predicted accurately but

1627
01:03:07,030 --> 01:03:13,690
of course they fail to mention how many

1628
01:03:09,250 --> 01:03:16,599
things it missed so Shannon you will

1629
01:03:13,690 --> 01:03:18,340
have no leg intended I will it

1630
01:03:16,599 --> 01:03:22,150
apparently got the world cup as well and

1631
01:03:18,340 --> 01:03:24,460
one of its enclosure mates whatever your

1632
01:03:22,150 --> 01:03:28,780
to call them has also predicted that a

1633
01:03:24,460 --> 01:03:37,619
single horse race one horse race what so

1634
01:03:28,780 --> 01:03:37,620
I don't say how many was the one

1635
01:03:38,369 --> 01:03:43,779
predictably which was one one particular

1636
01:03:41,500 --> 01:03:46,420
race but it hasn't I haven't said

1637
01:03:43,780 --> 01:03:47,840
anything about how many predictions they

1638
01:03:46,420 --> 01:03:51,670
got wrong

1639
01:03:47,840 --> 01:03:55,789

anyway let's get let's get back to more

1640
01:03:51,670 --> 01:03:57,800
what's the word esoteric more ethereal

1641
01:03:55,789 --> 01:04:00,079
things may not what do you have for us

1642
01:03:57,800 --> 01:04:02,090
well as you may remember I put a call

1643
01:04:00,079 --> 01:04:04,579
out a few weeks ago on this very show

1644
01:04:02,090 --> 01:04:07,130
for listeners to send things in a leader

1645
01:04:04,579 --> 01:04:08,779
and Dave Ingram I believe from Brisbane

1646
01:04:07,130 --> 01:04:11,470
I think we might be better send this

1647
01:04:08,780 --> 01:04:11,470
recording in

1648
01:04:24,289 --> 01:04:28,559
and that and we'll deal with that if

1649
01:04:26,789 --> 01:04:32,309
this isn't one look that is in fact not

1650
01:04:28,559 --> 01:04:34,019
a ghost it's a good ghost to me well it

1651
01:04:32,309 --> 01:04:36,659
does sound otherworldly but it is in

1652
01:04:34,019 --> 01:04:38,909
fact um I think the Tomcat that belongs

1653
01:04:36,659 --> 01:04:41,519
to Dave Ingram's snoring that is Dave's

1654
01:04:38,909 --> 01:04:44,159
cat snoring now we are listeners the

1655
01:04:41,519 --> 01:04:46,980
challenge is out can your cat beat that

1656
01:04:44,159 --> 01:04:50,029
snore if you have a snoring cat record

1657
01:04:46,980 --> 01:04:53,099
it and send the clip to Maynard out I

1658
01:04:50,030 --> 01:04:54,900
Maynard at manor dot-com that are you

1659
01:04:53,099 --> 01:04:56,339
where you can hear the mad club podcast

1660
01:04:54,900 --> 01:05:00,630
which includes a song where's me jumper

1661
01:04:56,340 --> 01:05:02,490
and and the freaky realistic hit call me

1662
01:05:00,630 --> 01:05:06,539
Leonard Nimoy Leonard Nimoy Leonard

1663
01:05:02,489 --> 01:05:08,789
Nimoy great track Thanks that's okay but

1664
01:05:06,539 --> 01:05:10,500
look at but we can't tell people what

1665
01:05:08,789 --> 01:05:12,300
weekend this is this weekend oh yeah

1666
01:05:10,500 --> 01:05:14,159
it's very important weekend I mean

1667
01:05:12,300 --> 01:05:15,360
forget the federal election forget all

1668
01:05:14,159 --> 01:05:16,609
that forget who's going to be Prime

1669
01:05:15,360 --> 01:05:19,800
Minister there's something far more

1670
01:05:16,610 --> 01:05:21,630
important happening this weekend is fact

1671
01:05:19,800 --> 01:05:25,740
is none other than international

1672
01:05:21,630 --> 01:05:27,510
lighthouse weekend no well that's a look

1673
01:05:25,739 --> 01:05:29,309
but I don't know about anyone out there

1674
01:05:27,510 --> 01:05:31,680
but I have been able to sleep from three

1675
01:05:29,309 --> 01:05:32,820
weeks and I've only known about the

1676
01:05:31,679 --> 01:05:37,799
lighthouse weekend for the last two days

1677
01:05:32,820 --> 01:05:39,059
so chances are might not be it could be

1678
01:05:37,800 --> 01:05:40,170
something else i'm doing is keeping me

1679
01:05:39,059 --> 01:05:41,579
awake I don't know but I tell you what

1680
01:05:40,170 --> 01:05:43,079
there's going to be people is gonna be a

1681
01:05:41,579 --> 01:05:44,699
ham radio operator out there

1682

01:05:43,079 --> 01:05:45,900
broadcasting to each other and there's

1683
01:05:44,699 --> 01:05:47,549
people just going to be looking at those

1684
01:05:45,900 --> 01:05:49,320
light out us and do you know listener

1685
01:05:47,550 --> 01:05:52,830
skeptical fact that almost all

1686
01:05:49,320 --> 01:05:55,620
lighthouses are on the coast oh really

1687
01:05:52,829 --> 01:05:57,599
almost all what do you mean by that may

1688
01:05:55,619 --> 01:05:59,069
note well I thought that I there you

1689
01:05:57,599 --> 01:06:00,569
know there might be some smarty bum

1690
01:05:59,070 --> 01:06:02,640
skeptic out there to go well may know

1691
01:06:00,570 --> 01:06:05,010
I've got a lighthouse and it'll amore

1692
01:06:02,639 --> 01:06:07,199
and in fact um there were our

1693
01:06:05,010 --> 01:06:09,750
lighthouses on inland waterways

1694
01:06:07,199 --> 01:06:11,609
occasionally so you can't say they're

1695
01:06:09,750 --> 01:06:13,079
all on the coast just the majority of

1696
01:06:11,610 --> 01:06:15,300

them are on the coast is a safe thing to

1697

01:06:13,079 --> 01:06:16,710

say and also light ships as well hello

1698

01:06:15,300 --> 01:06:18,390

all those people and also see

1699

01:06:16,710 --> 01:06:20,490

lighthouses signify a lot of people

1700

01:06:18,389 --> 01:06:22,139

think things at skeptics are see

1701

01:06:20,489 --> 01:06:23,909

lighthouses and skeptics people might

1702

01:06:22,139 --> 01:06:26,759

think go together because lighthouses

1703

01:06:23,909 --> 01:06:29,159

had beards pipes and a lot of loneliness

1704

01:06:26,760 --> 01:06:30,720

like my highest lighthouses happen yeah

1705

01:06:29,159 --> 01:06:32,608

yeah well my housekeeper

1706

01:06:30,719 --> 01:06:36,089

look everybody I've seen a few bearded

1707

01:06:32,608 --> 01:06:37,380

lighthouse I'm just cuz I get invited to

1708

01:06:36,090 --> 01:06:39,180

better parties in you I just think

1709

01:06:37,380 --> 01:06:41,640

that's true another sort of place you're

1710

01:06:39,179 --> 01:06:43,289

going to yeah yeah people are going to

1711
01:06:41,639 --> 01:06:44,368
hang out at lighthouses on on saturday

1712
01:06:43,289 --> 01:06:45,960
and sunday they're going to broadcast

1713
01:06:44,369 --> 01:06:47,400
all messages to each other around the

1714
01:06:45,960 --> 01:06:49,380
world and they're going to celebrate the

1715
01:06:47,400 --> 01:06:51,720
fact of big erect things with lights on

1716
01:06:49,380 --> 01:06:53,579
them are there any myths surrounding

1717
01:06:51,719 --> 01:06:55,469
lighthouses well there's the last big

1718
01:06:53,579 --> 01:06:57,449
guys there are I mean and there's a

1719
01:06:55,469 --> 01:06:58,858
particularly very famous for a

1720
01:06:57,449 --> 01:07:00,719
lighthouse called the Jolly Rock

1721
01:06:58,858 --> 01:07:02,219
Lighthouse may not that's right and I

1722
01:07:00,719 --> 01:07:03,899
actually when I do when I did the story

1723
01:07:02,219 --> 01:07:05,368
and I was looking for a little bits of

1724
01:07:03,900 --> 01:07:06,869
musical bits to put into my story I

1725
01:07:05,369 --> 01:07:09,000
found I want to marry a lighthouse

1726
01:07:06,869 --> 01:07:11,700
keeper by Walter Carlos now Wendy Carlos

1727
01:07:09,000 --> 01:07:14,369
from the Clockwork Orange soundtrack I

1728
01:07:11,699 --> 01:07:16,679
found the goodies episode of course the

1729
01:07:14,369 --> 01:07:18,420
Jolly rock lighthouse is a whole skit in

1730
01:07:16,679 --> 01:07:19,769
that about the Jolly rock lighthouse and

1731
01:07:18,420 --> 01:07:21,349
it's not a vaccine thing to for the

1732
01:07:19,769 --> 01:07:23,429
skeptics because they get mumps in it

1733
01:07:21,349 --> 01:07:26,519
it's got something for you people than

1734
01:07:23,429 --> 01:07:28,139
us 10u very genuine and of course I did

1735
01:07:26,519 --> 01:07:32,670
include the famous Belinda Carlisle hit

1736
01:07:28,139 --> 01:07:34,618
from 1989 leave a lighthouse for me she

1737
01:07:32,670 --> 01:07:36,088
once up said that every time you listen

1738
01:07:34,619 --> 01:07:37,680
that song from now on you'll think she's

1739

01:07:36,088 --> 01:07:39,960
singing leave a lighthouse for me

1740
01:07:37,679 --> 01:07:43,588
because that's what sounds like leave a

1741
01:07:39,960 --> 01:07:45,690
live as for me yeah oh my goodness may

1742
01:07:43,588 --> 01:07:47,250
not I think you're right well it is true

1743
01:07:45,690 --> 01:07:49,650
and when I think of it mentioned Brian

1744
01:07:47,250 --> 01:07:51,510
darling before we go oh we have to okay

1745
01:07:49,650 --> 01:07:53,579
now my brother is my fav favorite to

1746
01:07:51,510 --> 01:07:54,900
podcast either no agenda which I love

1747
01:07:53,579 --> 01:07:56,489
they get into the wild stuff in the

1748
01:07:54,900 --> 01:07:58,170
morning there but yeah when I want the

1749
01:07:56,489 --> 01:08:00,329
science I go to mr. Dunning there and

1750
01:07:58,170 --> 01:08:02,608
skip to it as a show and I've discovered

1751
01:08:00,329 --> 01:08:04,049
that his dad used to fly with Ted

1752
01:08:02,608 --> 01:08:06,630
Robertson the senator who was killed

1753
01:08:04,050 --> 01:08:08,310

recently allegedly by the Harper ray

1754

01:08:06,630 --> 01:08:10,410

according to no agenda but that's

1755

01:08:08,309 --> 01:08:13,019

another different thing altogether which

1756

01:08:10,409 --> 01:08:16,259

I don't think fits into this show and in

1757

01:08:13,019 --> 01:08:18,238

heat they used to fly Dakota's dc-3s or

1758

01:08:16,259 --> 01:08:20,670

c-47s as I believe the Americans called

1759

01:08:18,238 --> 01:08:23,009

them over the hump to supply the Flying

1760

01:08:20,670 --> 01:08:24,449

Tigers in China during the Second World

1761

01:08:23,009 --> 01:08:26,250

War and I think that's amazing the prime

1762

01:08:24,449 --> 01:08:27,000

dad's Brian's death is very interesting

1763

01:08:26,250 --> 01:08:28,949

one

1764

01:08:27,000 --> 01:08:33,750

amazing after the whole sentence I don't

1765

01:08:28,949 --> 01:08:37,769

understand a word maybe I maybe I wasn't

1766

01:08:33,750 --> 01:08:40,289

enough good Flying Tiger Tiger something

1767

01:08:37,770 --> 01:08:42,180

okay just probably bit of knowledge okay

1768
01:08:40,289 --> 01:08:43,798
yep let's work backwards Flying Tigers

1769
01:08:42,180 --> 01:08:45,750
that was the key Hawks flown by the

1770
01:08:43,798 --> 01:08:47,069
Americans for the Chinese against the

1771
01:08:45,750 --> 01:08:50,220
Japanese during the Second World War

1772
01:08:47,069 --> 01:08:53,880
they were supplied by pilots one of them

1773
01:08:50,220 --> 01:08:56,250
being Brian Dunning's dad who flew dc-3s

1774
01:08:53,880 --> 01:08:58,380
the decoder known as the c-47 by the

1775
01:08:56,250 --> 01:09:00,119
Americans over the hump to supply them

1776
01:08:58,380 --> 01:09:03,170
so i was just fascinated live the hump

1777
01:09:00,119 --> 01:09:05,338
over the hump which was the Himalayas

1778
01:09:03,170 --> 01:09:06,390
becomes clear and you don't get much

1779
01:09:05,338 --> 01:09:08,159
bigger humps in that I guess

1780
01:09:06,390 --> 01:09:11,220
geographically they're pretty big when

1781
01:09:08,159 --> 01:09:13,199
it comes to hops and yeah so I would

1782
01:09:11,220 --> 01:09:14,909
like to see you know not a bog review

1783
01:09:13,199 --> 01:09:16,289
but Brian's dad about the whole thing is

1784
01:09:14,909 --> 01:09:18,899
that sounds kind of interesting folks

1785
01:09:16,289 --> 01:09:21,088
the things you learn on the skeptic zone

1786
01:09:18,899 --> 01:09:25,469
what can I say and I'm not even a

1787
01:09:21,088 --> 01:09:27,689
scientist you're a historian today yes

1788
01:09:25,470 --> 01:09:29,400
it's a we're all a fountain each one of

1789
01:09:27,689 --> 01:09:31,379
us is a fountain of endless knowledge I

1790
01:09:29,399 --> 01:09:33,149
sometimes think including dr. H II

1791
01:09:31,380 --> 01:09:36,259
because last week we were talking about

1792
01:09:33,149 --> 01:09:38,699
the election and we were talking about

1793
01:09:36,259 --> 01:09:41,009
political well political parties that

1794
01:09:38,699 --> 01:09:42,989
might be appropriate for skeptics to

1795
01:09:41,009 --> 01:09:44,430
perhaps align with in vote for and I

1796

01:09:42,989 --> 01:09:45,869
said that I didn't know anything about

1797
01:09:44,430 --> 01:09:48,350
the secular party so I didn't know if

1798
01:09:45,869 --> 01:09:51,630
they're really good boolean Bryce is

1799
01:09:48,350 --> 01:09:53,490
running as a senator well I do apologize

1800
01:09:51,630 --> 01:09:55,140
for inferring that they weren't any good

1801
01:09:53,489 --> 01:09:56,489
I didn't mean they're no good I just

1802
01:09:55,140 --> 01:09:58,800
meant I don't know anything about their

1803
01:09:56,489 --> 01:10:01,050
policies so I students had a chat with

1804
01:09:58,800 --> 01:10:03,930
ian bryce who is running in New South

1805
01:10:01,050 --> 01:10:07,560
Wales and they do have very Pro science

1806
01:10:03,930 --> 01:10:09,930
you know pro evidence-based policies so

1807
01:10:07,560 --> 01:10:11,520
if people want to know more about the

1808
01:10:09,930 --> 01:10:12,780
secular party just google them and you

1809
01:10:11,520 --> 01:10:14,910
can find out about their policies

1810
01:10:12,779 --> 01:10:16,529

because saturday so we advise all our

1811

01:10:14,909 --> 01:10:18,779

listeners to carefully consider their

1812

01:10:16,529 --> 01:10:20,909

voting choices this weekend that go to

1813

01:10:18,779 --> 01:10:22,319

below the line the log today you yes now

1814

01:10:20,909 --> 01:10:23,909

this is a great thing because in the

1815

01:10:22,319 --> 01:10:25,439

Australian Federal Election if you vote

1816

01:10:23,909 --> 01:10:27,449

below the line you have to number all

1817

01:10:25,439 --> 01:10:28,889

the numbers 12 84 in your preference and

1818

01:10:27,449 --> 01:10:30,599

this is a bit daunting I did this as a

1819

01:10:28,890 --> 01:10:32,070

postal ballot and I couldn't get another

1820

01:10:30,600 --> 01:10:34,079

one if i mucked it up sales a bit scared

1821

01:10:32,069 --> 01:10:35,460

but you've got this great website just

1822

01:10:34,079 --> 01:10:37,069

mentioned and what's advantage you can

1823

01:10:35,460 --> 01:10:40,920

do it i've used it to you

1824

01:10:37,069 --> 01:10:42,869

are we they list out all the candidates

1825
01:10:40,920 --> 01:10:44,489
quite easily for you can go to you can

1826
01:10:42,869 --> 01:10:47,698
select whether you want your preferences

1827
01:10:44,488 --> 01:10:49,559
to be based on how the Greens to their

1828
01:10:47,698 --> 01:10:51,928
preferences by liberals by labor and

1829
01:10:49,560 --> 01:10:54,179
list them all out for you top to bottom

1830
01:10:51,929 --> 01:10:57,149
one through at 84 you can reorganize

1831
01:10:54,179 --> 01:10:59,158
them there in a nice easy to see list

1832
01:10:57,149 --> 01:11:00,359
like that yeah and then you can print up

1833
01:10:59,158 --> 01:11:02,158
a sheet that looks pretty much exactly

1834
01:11:00,359 --> 01:11:03,839
like the ballot papers so that when you

1835
01:11:02,158 --> 01:11:05,759
go in to vote where you need to do is

1836
01:11:03,840 --> 01:11:07,110
fill it out in the exact same way all

1837
01:11:05,760 --> 01:11:09,179
right so I can school when you went into

1838
01:11:07,109 --> 01:11:14,099
an examine you had the answers written

1839
01:11:09,179 --> 01:11:15,989
on your leg it's just like that and 84

1840
01:11:14,100 --> 01:11:17,520
on your leg is a bit much listeners very

1841
01:11:15,988 --> 01:11:19,198
long length yeah you have got long legs

1842
01:11:17,520 --> 01:11:23,010
this is outside of Australia may be

1843
01:11:19,198 --> 01:11:24,448
interested to discover that for the

1844
01:11:23,010 --> 01:11:27,270
Australian citizens is actually

1845
01:11:24,448 --> 01:11:28,948
compulsory for us to turn up at our

1846
01:11:27,270 --> 01:11:32,190
election place and have our name ticked

1847
01:11:28,948 --> 01:11:34,529
off we don't actually have to write

1848
01:11:32,189 --> 01:11:36,359
anything on the ballot you can leave it

1849
01:11:34,529 --> 01:11:37,800
blank and shove it in but we have to

1850
01:11:36,359 --> 01:11:39,569
turn up and have our name ticked off at

1851
01:11:37,800 --> 01:11:41,400
least you can draw something obscene if

1852
01:11:39,569 --> 01:11:43,079
you like my mom actually counts vote

1853

01:11:41,399 --> 01:11:51,569
since you said a lot of penises in her

1854
01:11:43,079 --> 01:11:55,500
time got a job though what a job that is

1855
01:11:51,569 --> 01:12:03,689
no joke dr. reaches mum bring them all

1856
01:11:55,500 --> 01:12:06,060
back in polling poor mini before we get

1857
01:12:03,689 --> 01:12:08,009
on to our last item there from joke and

1858
01:12:06,060 --> 01:12:11,219
I hang on upside of the unicorn here I

1859
01:12:08,010 --> 01:12:13,289
want to I will not be denied oh no

1860
01:12:11,219 --> 01:12:15,658
I'm wait a second this is testable

1861
01:12:13,289 --> 01:12:17,640
evidence ok now 20 you go 20 years ago

1862
01:12:15,658 --> 01:12:19,500
there was a major non-scientific hit in

1863
01:12:17,640 --> 01:12:22,110
this country by an artist called guru

1864
01:12:19,500 --> 01:12:25,800
Josh infinity was a song otherwise known

1865
01:12:22,109 --> 01:12:27,539
as 1990 time for guru now I'm showing

1866
01:12:25,800 --> 01:12:29,429
this photo here what I believe to be

1867
01:12:27,539 --> 01:12:31,710

what guru just looks like 20 years later

1868

01:12:29,429 --> 01:12:34,260

doing some roofing work near where I

1869

01:12:31,710 --> 01:12:35,969

work now look I think that's guru josh

1870

01:12:34,260 --> 01:12:37,230

appearing on today tonight anonymized

1871

01:12:35,969 --> 01:12:39,060

with a light him in the background

1872

01:12:37,229 --> 01:12:40,468

behind well look i had taken quickly

1873

01:12:39,060 --> 01:12:41,850

with the iphone because i was one foot

1874

01:12:40,469 --> 01:12:42,899

away from the guy who bought us i'm just

1875

01:12:41,850 --> 01:12:44,880

taking a photo a vehicle i think you

1876

01:12:42,899 --> 01:12:46,750

look like a 1990s raver probably

1877

01:12:44,880 --> 01:12:49,300

wouldn't work but he's wearing a 19-8

1878

01:12:46,750 --> 01:12:51,069

nine ravers hat he's got a fluoro shirt

1879

01:12:49,300 --> 01:12:52,480

and look he does look like he's been

1880

01:12:51,069 --> 01:12:54,369

through a bit there in the last 20 years

1881

01:12:52,479 --> 01:12:58,169

so i think i had the only known photo of

1882
01:12:54,369 --> 01:13:00,640
guru josh today goodness 11 of heavens I

1883
01:12:58,170 --> 01:13:02,770
told you wear nothing but fountains of

1884
01:13:00,640 --> 01:13:05,530
knowledge now listeners may want to

1885
01:13:02,770 --> 01:13:08,890
visit an interesting blog called code

1886
01:13:05,529 --> 01:13:11,259
Nick's blog code nixdorf blog random

1887
01:13:08,890 --> 01:13:14,590
jottings about IT science and critical

1888
01:13:11,260 --> 01:13:20,079
thinking and that's HTTP colon slash

1889
01:13:14,590 --> 01:13:23,350
slash blog code Nick's ni x or good Joe

1890
01:13:20,079 --> 01:13:25,960
The Skeptical nerves yes um I came

1891
01:13:23,350 --> 01:13:28,480
across a curious article on a website

1892
01:13:25,960 --> 01:13:30,819
called Democrat chronicle com which is

1893
01:13:28,479 --> 01:13:35,409
apparently a long-running newspaper in

1894
01:13:30,819 --> 01:13:38,500
the new york state area been around for

1895
01:13:35,409 --> 01:13:41,079
over a hundred years anyway this piece

1896
01:13:38,500 --> 01:13:42,939
was written by someone by the name of

1897
01:13:41,079 --> 01:13:44,529
lismore who is the director of

1898
01:13:42,939 --> 01:13:49,149
integrative medicine at clifton springs

1899
01:13:44,529 --> 01:13:53,109
hospital in ontario county it's awful

1900
01:13:49,149 --> 01:13:54,279
it's you know but when i get into it you

1901
01:13:53,109 --> 01:13:56,529
there's really not much this

1902
01:13:54,279 --> 01:13:58,149
particularly different from any of the

1903
01:13:56,529 --> 01:14:03,159
other nonsense that we've talked about

1904
01:13:58,149 --> 01:14:05,799
about ruin Achmed but what really just

1905
01:14:03,159 --> 01:14:09,220
got me giggling with this one is um that

1906
01:14:05,800 --> 01:14:12,119
this is specifically to do with current

1907
01:14:09,220 --> 01:14:16,090
you know state of war that America is in

1908
01:14:12,119 --> 01:14:18,340
and lays more article is called health

1909
01:14:16,090 --> 01:14:25,090
check-up the importance of special

1910

01:14:18,340 --> 01:14:27,430
medicine closes what the Special

1911
01:14:25,090 --> 01:14:30,159
Olympics again it and I'll read to you

1912
01:14:27,430 --> 01:14:31,990
directly what what lismore says he says

1913
01:14:30,159 --> 01:14:33,880
when we are at war we use both

1914
01:14:31,989 --> 01:14:36,489
conventional forces and unconventional

1915
01:14:33,880 --> 01:14:38,770
forces conventional forces battled

1916
01:14:36,489 --> 01:14:40,449
directly against the enemy while Special

1917
01:14:38,770 --> 01:14:42,790
Forces teach the host nation how to

1918
01:14:40,449 --> 01:14:45,699
defend itself well actually as

1919
01:14:42,789 --> 01:14:48,460
militarily not quite good no no it's not

1920
01:14:45,699 --> 01:14:51,479
but we'll keep going it is the same with

1921
01:14:48,460 --> 01:14:51,480
healing forces

1922
01:15:00,119 --> 01:15:07,510
yes there is one we have we have

1923
01:15:05,649 --> 01:15:10,119
conventional medicine which battles

1924
01:15:07,510 --> 01:15:13,150

diseases directly and unconventional or

1925

01:15:10,119 --> 01:15:16,319

special medicine helps the body finest

1926

01:15:13,149 --> 01:15:19,089

own diseases he then goes on to further

1927

01:15:16,319 --> 01:15:20,769

compare and explain how special medicine

1928

01:15:19,090 --> 01:15:22,569

is everything we know like old med

1929

01:15:20,770 --> 01:15:24,910

integrative medicine whatever you want

1930

01:15:22,569 --> 01:15:28,569

to call it but he then goes on to

1931

01:15:24,909 --> 01:15:32,079

describe how special medicine is being

1932

01:15:28,569 --> 01:15:34,409

used by the military today huh there was

1933

01:15:32,079 --> 01:15:37,510

a quack cast about this real battlefield

1934

01:15:34,409 --> 01:15:39,609

acupuncture I have no yeah actually I'm

1935

01:15:37,510 --> 01:15:42,250

betting in fact this must tie in very

1936

01:15:39,609 --> 01:15:45,699

closely ah-ha Tom's been blown off stick

1937

01:15:42,250 --> 01:15:47,380

small needle in it well yeah according

1938

01:15:45,699 --> 01:15:49,420

to lismore the US military is using

1939
01:15:47,380 --> 01:15:51,880
acupuncture for pain management on

1940
01:15:49,420 --> 01:15:54,699
amputees and burn patients are returning

1941
01:15:51,880 --> 01:15:56,650
from Afghanistan and Iraq the US Army

1942
01:15:54,699 --> 01:15:58,769
has a center that focuses on integrative

1943
01:15:56,649 --> 01:16:01,029
medicine for soldiers and family use

1944
01:15:58,770 --> 01:16:02,710
nutritional and botanical supplements

1945
01:16:01,029 --> 01:16:05,469
are used to enhance performance of

1946
01:16:02,710 --> 01:16:07,359
combat soldiers Special Forces soldiers

1947
01:16:05,470 --> 01:16:09,190
are using acupuncture in war zones to

1948
01:16:07,359 --> 01:16:11,409
help other soldiers maintain health and

1949
01:16:09,189 --> 01:16:12,909
combat readiness and veterans are using

1950
01:16:11,409 --> 01:16:14,680
special medicine for health and stress

1951
01:16:12,909 --> 01:16:16,449
recovery you know people are driving

1952
01:16:14,680 --> 01:16:19,300
while they listen to this joke I know

1953
01:16:16,449 --> 01:16:21,720
I'm sorry um he then goes on to talk

1954
01:16:19,300 --> 01:16:28,930
about organizations like is now

1955
01:16:21,720 --> 01:16:31,000
acupuncturists Without Borders as well

1956
01:16:28,930 --> 01:16:33,390
and naturopaths Without Borders and home

1957
01:16:31,000 --> 01:16:33,390
I pair

1958
01:16:35,210 --> 01:16:39,689
you're gonna love this one some of these

1959
01:16:37,920 --> 01:16:41,670
organizations are able to build better

1960
01:16:39,689 --> 01:16:43,229
immediate rapport with the people they

1961
01:16:41,670 --> 01:16:45,270
are working with that organizations

1962
01:16:43,229 --> 01:16:47,989
using conventional medicine because of

1963
01:16:45,270 --> 01:16:50,640
similarities to traditional medicine

1964
01:16:47,989 --> 01:16:52,649
argument from antiquity what I don't

1965
01:16:50,640 --> 01:16:56,130
arguments a whole new one it's a home

1966
01:16:52,649 --> 01:16:58,559
you on all arguments d better yeah um he

1967

01:16:56,130 --> 01:17:00,359
finishes off by saying at both tactical

1968
01:16:58,560 --> 01:17:01,920
and strategic levels the US military

1969
01:17:00,359 --> 01:17:03,380
will continue to expand its use of

1970
01:17:01,920 --> 01:17:05,399
special medicine in military operations

1971
01:17:03,380 --> 01:17:07,739
stability operations and nation

1972
01:17:05,399 --> 01:17:09,119
rebuilding our response to disaster and

1973
01:17:07,739 --> 01:17:10,979
providing of disaster relief will

1974
01:17:09,119 --> 01:17:13,319
continue to include and expand upon the

1975
01:17:10,979 --> 01:17:16,199
use of special medicine our own homeland

1976
01:17:13,319 --> 01:17:18,059
security will depend upon our ability to

1977
01:17:16,199 --> 01:17:19,679
investigate and implement special

1978
01:17:18,060 --> 01:17:24,510
medicine for its quick response to

1979
01:17:19,680 --> 01:17:31,770
security issues note to self when taking

1980
01:17:24,510 --> 01:17:33,659
over the world attack America first well

1981
01:17:31,770 --> 01:17:35,850

don't worry because by the way this is

1982

01:17:33,659 --> 01:17:40,800

going they'll be holding the infamous

1983

01:17:35,850 --> 01:17:42,690

bomb detectors when you get well I read

1984

01:17:40,800 --> 01:17:44,010

a wide magazine article that is

1985

01:17:42,689 --> 01:17:45,779

completely off topic could anyone like

1986

01:17:44,010 --> 01:17:47,369

to hear but it was all they go okay that

1987

01:17:45,779 --> 01:17:49,739

if you that was a little interesting

1988

01:17:47,369 --> 01:17:53,430

nugget that if they you could have built

1989

01:17:49,739 --> 01:17:55,590

an iPod in 1976 if you wanted to but it

1990

01:17:53,430 --> 01:17:57,650

would have cost 1 billion dollars and

1991

01:17:55,590 --> 01:17:59,909

would have been the size of a house and

1992

01:17:57,649 --> 01:18:01,170

that they worked out that you could get

1993

01:17:59,909 --> 01:18:02,579

the bitch you could have got the parts

1994

01:18:01,170 --> 01:18:04,739

to do it you could have got to work in

1995

01:18:02,579 --> 01:18:06,090

the same way but in 1976 it would have

1996
01:18:04,739 --> 01:18:07,739
cost 1 billion dollars would have been

1997
01:18:06,090 --> 01:18:09,210
the size of a house and I told it to an

1998
01:18:07,739 --> 01:18:11,130
engineer and he said we'll look that's

1999
01:18:09,210 --> 01:18:13,319
for the parts and the size he said but

2000
01:18:11,130 --> 01:18:15,180
to get the cabling run and everything

2001
01:18:13,319 --> 01:18:16,829
between all the components it probably

2002
01:18:15,180 --> 01:18:18,329
wouldn't have worked because this is

2003
01:18:16,829 --> 01:18:20,010
because the run would have been too long

2004
01:18:18,329 --> 01:18:21,630
between all the components for to ever

2005
01:18:20,010 --> 01:18:23,430
work so I think that's very interesting

2006
01:18:21,630 --> 01:18:25,409
like you're sure you could have mocked

2007
01:18:23,430 --> 01:18:32,250
it up but got it working well you're not

2008
01:18:25,409 --> 01:18:34,319
the man himself I'm gonna leave I'm

2009
01:18:32,250 --> 01:18:36,420
gonna leave the think tank through in

2010
01:18:34,319 --> 01:18:39,119
ruptures main odd person

2011
01:18:36,420 --> 01:18:41,159
all losing the plot tonight but I'd like

2012
01:18:39,119 --> 01:18:43,229
to thank in no particular order yourself

2013
01:18:41,159 --> 01:18:44,789
thank you very much I thank you check

2014
01:18:43,229 --> 01:18:47,309
out mint.com that are you for some

2015
01:18:44,789 --> 01:18:50,510
interesting podcast material where I'd

2016
01:18:47,310 --> 01:18:54,480
like to thank don't add doctor dr. rachy

2017
01:18:50,510 --> 01:18:56,159
dr. heu thank you dr. a cheap I'd like

2018
01:18:54,479 --> 01:18:57,569
to thank Nurse Joy the skeptical nurse

2019
01:18:56,159 --> 01:18:59,099
thank you Richard can I just say

2020
01:18:57,569 --> 01:19:01,109
something before we go two things

2021
01:18:59,100 --> 01:19:04,260
actually I would just I would just like

2022
01:19:01,109 --> 01:19:07,920
to remind everyone that as of now there

2023
01:19:04,260 --> 01:19:09,150
are 98 sleeps until town Australia so

2024

01:19:07,920 --> 01:19:11,340
that's very exciting and the other thing

2025
01:19:09,149 --> 01:19:15,750
I just wanted to say before we go is um

2026
01:19:11,340 --> 01:19:18,170
other than a fine for me I am we wanted

2027
01:19:15,750 --> 01:19:22,409
to give a shout out to our good friend

2028
01:19:18,170 --> 01:19:25,170
George Rev from geologic podcast we've

2029
01:19:22,409 --> 01:19:28,349
all been listening to his fabulous

2030
01:19:25,170 --> 01:19:30,449
record trebuchet I've got it on replay

2031
01:19:28,350 --> 01:19:31,560
you'll be pleased to know SGU I'm very

2032
01:19:30,448 --> 01:19:33,029
sorry I'm no longer cleaning

2033
01:19:31,560 --> 01:19:34,980
kaleidoscopes well as lead to you i'm

2034
01:19:33,029 --> 01:19:37,829
now listening to and believe in

2035
01:19:34,979 --> 01:19:40,468
horoscopes but anyone who hasn't bought

2036
01:19:37,829 --> 01:19:42,179
a copy of Gio's fabulous record

2037
01:19:40,469 --> 01:19:44,369
trebuchet just go to geologic podcast

2038
01:19:42,179 --> 01:19:46,230

calm to find a copy absolutely in jail

2039

01:19:44,369 --> 01:19:47,429

we're going to be seeing you dr. H and

2040

01:19:46,229 --> 01:19:48,569

I'll be seeing you in just a few weeks

2041

01:19:47,429 --> 01:19:51,300

and we look forward to seeing you out

2042

01:19:48,569 --> 01:19:55,559

here in Australia to Jason thanks for

2043

01:19:51,300 --> 01:19:57,719

coming on thanks for the lulz and James

2044

01:19:55,560 --> 01:19:59,160

thank you and actually I've got one

2045

01:19:57,719 --> 01:20:01,350

thing I'd like to say quickly as well

2046

01:19:59,159 --> 01:20:03,929

yeah it's just a little bone to pick

2047

01:20:01,350 --> 01:20:07,260

with somebody in the schedule community

2048

01:20:03,929 --> 01:20:10,260

last Sunday evening rebecca watson from

2049

01:20:07,260 --> 01:20:12,890

SGU she um she had a little go at sheep

2050

01:20:10,260 --> 01:20:16,199

which i'm not exactly very happy about

2051

01:20:12,890 --> 01:20:18,390

she tweeted and i quote from afar sheep

2052

01:20:16,198 --> 01:20:21,329

will quite huggable but i bet up close

2053
01:20:18,390 --> 01:20:26,039
it's all hoobs lice and poo now do you

2054
01:20:21,329 --> 01:20:29,130
see it is to me is it I'm not on that

2055
01:20:26,039 --> 01:20:32,479
interesting note do you think shout out

2056
01:20:29,130 --> 01:20:32,480
to Rebecca cheers everybody

2057
01:20:36,829 --> 01:20:42,710
is good job what were all those cats

2058
01:20:40,170 --> 01:20:42,710
about it

2059
01:21:14,239 --> 01:21:19,949
thank you for listening to this week's

2060
01:21:16,680 --> 01:21:22,140
episode of the skeptic zone one more

2061
01:21:19,949 --> 01:21:24,779
episode to come out before dr. reach and

2062
01:21:22,140 --> 01:21:27,210
I jump on that plane and head over to

2063
01:21:24,779 --> 01:21:29,489
well first we're stopping briefly in

2064
01:21:27,210 --> 01:21:32,609
California and then we're making our way

2065
01:21:29,489 --> 01:21:34,739
to Atlanta Georgia for dragoncon and of

2066
01:21:32,609 --> 01:21:36,420
course Kylie Sturgis from all the way

2067
01:21:34,739 --> 01:21:39,719
from Perth will be making her way to

2068
01:21:36,420 --> 01:21:41,640
dragoncon to fabulous times i'm sure and

2069
01:21:39,720 --> 01:21:44,280
i hope that if you're going to dragoncon

2070
01:21:41,640 --> 01:21:46,770
that you come up and say hello you'll

2071
01:21:44,279 --> 01:21:49,139
have plenty of opportunity until then

2072
01:21:46,770 --> 01:21:54,750
this is Richard Saunders signing off

2073
01:21:49,140 --> 01:21:57,090
from Sydney Australia you've been

2074
01:21:54,750 --> 01:22:01,590
listening to the skeptic zone visit our

2075
01:21:57,090 --> 01:22:04,079
website at www.skeptics.org on TV the

2076
01:22:01,590 --> 01:22:06,449
comments contacts and extra video

2077
01:22:04,079 --> 01:22:09,449
reports

2078
01:22:06,449 --> 01:22:12,199
our skin

2079
01:22:09,449 --> 01:22:12,199
the me

2080
01:22:17,920 --> 01:22:19,949
Oh

2081

01:22:25,029 --> 01:22:27,090
you