

1
00:00:00,000 --> 00:00:06,230
hi this is George Rob and you're

2
00:00:01,919 --> 00:00:06,229
listening to the skeptic zone podcast

3
00:00:10,699 --> 00:00:18,469
welcome to the skeptic zone the podcast

4
00:00:13,859 --> 00:00:18,469
from Australia for science and reason

5
00:00:27,469 --> 00:00:34,738
hello and welcome to the skeptic zone

6
00:00:30,000 --> 00:00:37,439
episode number 420 420 for the sixth of

7
00:00:34,738 --> 00:00:40,979
November 2016 Richard Saunders here with

8
00:00:37,439 --> 00:00:43,649
you from sunny sunny sunny skies are

9
00:00:40,979 --> 00:00:45,839
blue sunny sydney australia and i can

10
00:00:43,649 --> 00:00:49,160
maybe you can too i can hear the birds

11
00:00:45,840 --> 00:00:53,340
singing outside their rainbow lorikeets

12
00:00:49,159 --> 00:00:55,288
yes wait and some um cockatoos thrown in

13
00:00:53,340 --> 00:00:58,079
for good measure or bad measure they can

14
00:00:55,289 --> 00:01:00,448
be destructive beasties cockatoos the

15
00:00:58,079 --> 00:01:04,219
rainbow lorikeets and the cockatoos are

16
00:01:00,448 --> 00:01:07,079
singing outside in the glorious sunshine

17
00:01:04,219 --> 00:01:08,400
we should just all run outside now and

18
00:01:07,079 --> 00:01:10,978
just enjoy the day instead of listening

19
00:01:08,400 --> 00:01:12,510
to the skeptic zone hmm now I don't

20
00:01:10,978 --> 00:01:16,469
think that'll work in fact do both yes

21
00:01:12,510 --> 00:01:18,390
you can put your headphones on and run

22
00:01:16,469 --> 00:01:20,789
outside enjoy the glorious day and

23
00:01:18,390 --> 00:01:22,290
listen to the skeptic zone unless where

24
00:01:20,790 --> 00:01:25,618
you are in the world is miserable

25
00:01:22,290 --> 00:01:27,479
weather then stay inside and listen to

26
00:01:25,618 --> 00:01:30,930
the skeptics own or you can go for a

27
00:01:27,478 --> 00:01:33,780
drive or maybe you're in the the bus or

28
00:01:30,930 --> 00:01:36,960
the train wherever you are what if he's

29

00:01:33,780 --> 00:01:39,978
doing welcome to the skeptic zone today

30
00:01:36,959 --> 00:01:43,559
special guest is dr. Kyle korzeniewski

31
00:01:39,978 --> 00:01:47,819
from now well from the recent past in

32
00:01:43,560 --> 00:01:49,140
fact QED where our reporter and the

33
00:01:47,819 --> 00:01:50,938
president of Australian skeptics are

34
00:01:49,140 --> 00:01:53,189
answer give interviewed dr. Carl

35
00:01:50,938 --> 00:01:56,669
cruising whisky who was a guest at QD

36
00:01:53,188 --> 00:02:00,118
and dr. Carl from the past in fact a

37
00:01:56,670 --> 00:02:02,670
quarter of a century ago where Maynard

38
00:02:00,118 --> 00:02:06,509
interviews dr. Carlin dr. Carl takes him

39
00:02:02,670 --> 00:02:10,050
talk back we've unearthed undone undone

40
00:02:06,509 --> 00:02:13,620
dug up a short clip of dr. Carl and

41
00:02:10,050 --> 00:02:16,230
Maynard from 1991

42
00:02:13,620 --> 00:02:19,590
hard to believe anyway I'm sure you'll

43
00:02:16,229 --> 00:02:22,560

enjoy both dr. Carl crews will miss keys

44

00:02:19,590 --> 00:02:24,959

today on the skeptic zone following the

45

00:02:22,560 --> 00:02:27,420

interviews with dr. Cole's if I can put

46

00:02:24,959 --> 00:02:28,650

it that way some great news from Heidi

47

00:02:27,419 --> 00:02:31,048

Robinson and the Northern Rivers

48

00:02:28,650 --> 00:02:34,500

vaccination supporters the group has

49

00:02:31,049 --> 00:02:37,430

been recognized by the who the World

50

00:02:34,500 --> 00:02:41,128

Health Organization or the WHO and the

51

00:02:37,430 --> 00:02:42,870

all the doctors from the hoo-ha i'm sure

52

00:02:41,128 --> 00:02:44,479

i delighted with Heidi Robinson and the

53

00:02:42,870 --> 00:02:48,629

Northern Rivers vaccination supporters

54

00:02:44,479 --> 00:02:51,539

news from Heidi about that inclusion of

55

00:02:48,628 --> 00:02:54,509

the website from the Northern Rivers

56

00:02:51,539 --> 00:02:56,548

vaccination supporters at the who coming

57

00:02:54,509 --> 00:02:58,560

up in the middle of the show well done

58
00:02:56,549 --> 00:03:00,569
Heidi and well done everybody at that

59
00:02:58,560 --> 00:03:02,509
group then we have an interesting story

60
00:03:00,568 --> 00:03:06,089
sort of look back into the past

61
00:03:02,509 --> 00:03:10,039
something called all on energy all gone

62
00:03:06,090 --> 00:03:15,140
folks a really bizarre form of new-age

63
00:03:10,039 --> 00:03:19,469
pretend I ng pretend fictitious fantasy

64
00:03:15,139 --> 00:03:20,848
supposed made up one day I'm going to

65
00:03:19,469 --> 00:03:24,000
have a thesaurus here next to me on the

66
00:03:20,848 --> 00:03:25,108
desk all gone energy and we are thinking

67
00:03:24,000 --> 00:03:28,799
about orgone energy at the moment

68
00:03:25,109 --> 00:03:30,569
because just recently Australia noticed

69
00:03:28,799 --> 00:03:32,310
the 10th anniversary of the death of

70
00:03:30,568 --> 00:03:35,128
peter brock a very famous racing car

71
00:03:32,310 --> 00:03:38,310
driver who unfortunately was sucked in

72
00:03:35,128 --> 00:03:41,789
by orgone energy or claims of it and

73
00:03:38,310 --> 00:03:44,250
tried to fit magical boxes two cars to

74
00:03:41,789 --> 00:03:46,259
make them go faster coming up a bit

75
00:03:44,250 --> 00:03:50,459
later on in the show then to round off

76
00:03:46,259 --> 00:03:54,239
the show a startling story about what we

77
00:03:50,459 --> 00:03:58,340
can call rank stupidity I guess where

78
00:03:54,239 --> 00:04:01,769
the flying monkeys the anti-vaxxers have

79
00:03:58,340 --> 00:04:04,500
singled out the wrong person they're

80
00:04:01,769 --> 00:04:07,439
trying to target reasonable Hank now we

81
00:04:04,500 --> 00:04:09,329
mention reasonable Hank lots here on the

82
00:04:07,439 --> 00:04:12,359
skeptical zone we refer to his blog and

83
00:04:09,329 --> 00:04:13,859
various other guys remember locate we

84
00:04:12,359 --> 00:04:16,139
refer to his blog and various things

85
00:04:13,859 --> 00:04:20,038
he's doing well the anti-vaxxers are

86

00:04:16,139 --> 00:04:23,610
livid they hate reasonable Hank and some

87
00:04:20,038 --> 00:04:26,519
of them thought they discovered where he

88
00:04:23,610 --> 00:04:27,389
lived and have been sending abusive

89
00:04:26,519 --> 00:04:31,109
emails and for

90
00:04:27,389 --> 00:04:33,990
cause and things like that but they have

91
00:04:31,110 --> 00:04:38,189
picked on the wrong person an innocent

92
00:04:33,990 --> 00:04:39,658
man and his family they are so stupid

93
00:04:38,189 --> 00:04:42,028
and they're boasting about how they

94
00:04:39,658 --> 00:04:44,579
found reasonable Hank you won't believe

95
00:04:42,028 --> 00:04:59,339
this story they're so stupid I have to

96
00:04:44,579 --> 00:05:01,978
walk outside that's how stupid they are

97
00:04:59,339 --> 00:05:04,079
I had to go outside to say it I meant

98
00:05:01,978 --> 00:05:05,430
even that stupid anyway coming up at the

99
00:05:04,079 --> 00:05:08,278
end of the show we have a report from

100
00:05:05,430 --> 00:05:14,038

Jane Hansen who is written about this

101

00:05:08,278 --> 00:05:16,288

story the the absolutely colossal case

102

00:05:14,038 --> 00:05:19,110

of bungling in competence from the

103

00:05:16,288 --> 00:05:20,968

flying monkeys the anti-vaxxers so I

104

00:05:19,110 --> 00:05:23,250

think you'll enjoy the show today a bit

105

00:05:20,968 --> 00:05:25,319

of a mixed bag as ever I like to I like

106

00:05:23,250 --> 00:05:27,810

to have a bit of variety in the skeptic

107

00:05:25,319 --> 00:05:31,069

zone but now it's time for me to go go

108

00:05:27,810 --> 00:05:33,778

outside the door again I was just behind

109

00:05:31,069 --> 00:05:38,218

run downstairs and I think i'll make up

110

00:05:33,778 --> 00:05:44,098

some it's hot day what wish I having a

111

00:05:38,218 --> 00:05:47,459

hot day nice a nice salad a Caesar salad

112

00:05:44,098 --> 00:05:49,829

there we are folks a nice Caesar salad

113

00:05:47,459 --> 00:05:52,198

why not yeah it sounds like just the

114

00:05:49,829 --> 00:05:55,188

thing will I do that I hope you enjoy

115
00:05:52,199 --> 00:05:55,189
the skeptic zone

116
00:06:11,750 --> 00:06:23,069
let's all take this with a grain of salt

117
00:06:14,540 --> 00:06:24,960
seas around ticket so cold welcome to

118
00:06:23,069 --> 00:06:27,599
the skeptics am thank you dr. Vera once

119
00:06:24,959 --> 00:06:30,509
again you've just you've given a talk

120
00:06:27,600 --> 00:06:34,110
here acuity and read three talks so as

121
00:06:30,509 --> 00:06:37,469
well as to in London okay the talk you

122
00:06:34,110 --> 00:06:39,480
gave yesterday was about it was about

123
00:06:37,470 --> 00:06:41,190
great moments in science yeah that was

124
00:06:39,480 --> 00:06:43,379
the vague generic title specifically it

125
00:06:41,189 --> 00:06:47,459
was about the irrationality that we

126
00:06:43,379 --> 00:06:48,959
humans suffer from and how even when we

127
00:06:47,459 --> 00:06:51,419
think of it being irrational we still

128
00:06:48,959 --> 00:06:53,609
can get irrational and so I gave the

129
00:06:51,420 --> 00:06:56,879
example the big one that easy one is

130
00:06:53,610 --> 00:06:59,189
diets and so straight away there's a

131
00:06:56,879 --> 00:07:01,589
product that fails ninety-five percent

132
00:06:59,189 --> 00:07:03,839
of the time and does fabulously well and

133
00:07:01,589 --> 00:07:05,969
then dived off into the political bias

134
00:07:03,839 --> 00:07:07,889
that affects our thinking so that the

135
00:07:05,970 --> 00:07:09,780
people on the right for example might

136
00:07:07,889 --> 00:07:11,939
not accept the science of climate change

137
00:07:09,779 --> 00:07:14,009
the people on the Left might not accept

138
00:07:11,939 --> 00:07:15,629
the science of vaccination and then sort

139
00:07:14,009 --> 00:07:18,449
of meandered around through the world of

140
00:07:15,629 --> 00:07:19,980
irrationality for a while and also where

141
00:07:18,449 --> 00:07:22,319
you give a panel earlier which was

142
00:07:19,980 --> 00:07:24,300
basically the normal format for you of

143

00:07:22,319 --> 00:07:27,959
questions and answers is that right year

144
00:07:24,300 --> 00:07:32,340
so in the early afternoon Jose pal talk

145
00:07:27,959 --> 00:07:35,209
about bringing science awareness to this

146
00:07:32,339 --> 00:07:39,529
generation and the next generation and

147
00:07:35,209 --> 00:07:42,589
how well it works or doesn't work and

148
00:07:39,529 --> 00:07:46,529
especially the little trap you fall into

149
00:07:42,589 --> 00:07:49,199
we're at school you say hey size is all

150
00:07:46,529 --> 00:07:50,579
fun and bombs and lots of things that

151
00:07:49,199 --> 00:07:53,250
explode and they go to university and

152
00:07:50,579 --> 00:07:54,779
suddenly they fall over realizing i'm

153
00:07:53,250 --> 00:07:57,509
not having previously realized they have

154
00:07:54,779 --> 00:08:00,629
to do a lot of hard work to get those

155
00:07:57,509 --> 00:08:02,219
difficult concepts into their brain so

156
00:08:00,629 --> 00:08:05,639
the heart and things that I was sort of

157
00:08:02,220 --> 00:08:09,080

tied in with the overall problem which i

158

00:08:05,639 --> 00:08:11,699

think is a major part which is that many

159

00:08:09,079 --> 00:08:13,109

governments around the world do not

160

00:08:11,699 --> 00:08:15,269

accept

161

00:08:13,110 --> 00:08:19,500

that education is a worthwhile

162

00:08:15,269 --> 00:08:21,089

investment in the future and instead

163

00:08:19,500 --> 00:08:24,029

have gone down a different path way of

164

00:08:21,089 --> 00:08:27,449

seeing it as an intolerable and

165

00:08:24,029 --> 00:08:32,069

expensive burden on society and I gave

166

00:08:27,449 --> 00:08:33,809

the example also that in the USA the you

167

00:08:32,070 --> 00:08:36,090

know whether it's a big rise in private

168

00:08:33,809 --> 00:08:38,129

prisons that one of the best de

169

00:08:36,090 --> 00:08:41,580

terminators of how many prison cells

170

00:08:38,129 --> 00:08:45,240

you'll need in ten years is the

171

00:08:41,580 --> 00:08:48,150

illiteracy rate among the 10 and 11 year

172
00:08:45,240 --> 00:08:51,779
olds and then finally that in Australia

173
00:08:48,149 --> 00:08:55,620
for exec for certain it costs more to

174
00:08:51,779 --> 00:08:57,629
put somebody in jail than it does to put

175
00:08:55,620 --> 00:08:59,759
them into a three-star five-star hotel

176
00:08:57,629 --> 00:09:02,669
and send them to university and pay all

177
00:08:59,759 --> 00:09:04,409
their costs it's just quite disturbing

178
00:09:02,669 --> 00:09:07,799
isn't it that your know the choices that

179
00:09:04,409 --> 00:09:10,289
governments make well more and more it

180
00:09:07,799 --> 00:09:13,829
appears to me looking of the trends over

181
00:09:10,289 --> 00:09:15,750
time and it's all governments with many

182
00:09:13,830 --> 00:09:19,110
governments are becoming agents of big

183
00:09:15,750 --> 00:09:21,990
business so yeah big business might be

184
00:09:19,110 --> 00:09:24,149
pal Claire have their our own army or

185
00:09:21,990 --> 00:09:26,850
navy or Air Force but they don't have to

186
00:09:24,149 --> 00:09:29,490
if they can influence the big government

187
00:09:26,850 --> 00:09:31,259
of do the dirty work for them and so in

188
00:09:29,490 --> 00:09:35,430
this case I advise people to read the

189
00:09:31,259 --> 00:09:40,169
book merchants of doubt by Naomi Oreskes

190
00:09:35,429 --> 00:09:42,689
and she talks about the example of the

191
00:09:40,169 --> 00:09:45,750
big tobacco companies and how they went

192
00:09:42,690 --> 00:09:49,110
a lot of trouble to fund a deliberate

193
00:09:45,750 --> 00:09:52,049
and well-funded disinformation campaign

194
00:09:49,110 --> 00:09:54,830
and how they were used as an example for

195
00:09:52,049 --> 00:09:57,449
the big fossil fuel companies to run a

196
00:09:54,830 --> 00:09:59,940
well-funded and very extensive

197
00:09:57,450 --> 00:10:02,400
disinformation campaign about global

198
00:09:59,940 --> 00:10:05,190
warming and of course what she's shown

199
00:10:02,399 --> 00:10:06,120
in the in that bulk is that it's a lot

200

00:10:05,190 --> 00:10:09,840
of the same people were actually

201
00:10:06,120 --> 00:10:12,659
involved in both campaigns now call you

202
00:10:09,840 --> 00:10:15,120
obviously you're a mainstay of the

203
00:10:12,659 --> 00:10:17,100
skeptical movement you've been skeptical

204
00:10:15,120 --> 00:10:19,730
the year in the passage idea I was your

205
00:10:17,100 --> 00:10:22,950
deeply honored I'm very proud of that

206
00:10:19,730 --> 00:10:24,339
and I think that you guys are doing

207
00:10:22,950 --> 00:10:26,740
God's work

208
00:10:24,339 --> 00:10:29,079
and if there is always only God doesn't

209
00:10:26,740 --> 00:10:31,629
matter the study room yeah so so you've

210
00:10:29,078 --> 00:10:33,938
obviously attended many of our

211
00:10:31,629 --> 00:10:37,289
conferences as well and given us

212
00:10:33,938 --> 00:10:39,399
multiple talks in the past but for you

213
00:10:37,289 --> 00:10:43,778
skepticism is also something that comes

214
00:10:39,399 --> 00:10:46,360

it almost comes it I would say it's

215

00:10:43,778 --> 00:10:47,919
probably an ethical issue because you

216

00:10:46,360 --> 00:10:51,129
have actually left your profession as a

217

00:10:47,919 --> 00:10:53,078
medical doctor to promote critical

218

00:10:51,129 --> 00:10:54,670
thinking and to promote especially

219

00:10:53,078 --> 00:10:57,789
around vaccines because you saw child

220

00:10:54,669 --> 00:11:01,088
island whooping cough so the in

221

00:10:57,789 --> 00:11:02,919
Australia we had zero deaths from

222

00:11:01,089 --> 00:11:05,230
whooping coughs for 20 year and then

223

00:11:02,919 --> 00:11:07,120
suddenly we had one and I was there at

224

00:11:05,230 --> 00:11:09,100
the Kids Hospital in sydney in

225

00:11:07,120 --> 00:11:12,938
camperdown when the first kid to die

226

00:11:09,100 --> 00:11:16,028
after 20 years did die and there was no

227

00:11:12,938 --> 00:11:20,230
need for to die it was purely as a

228

00:11:16,028 --> 00:11:22,389
result of people on TV trying to sell

229
00:11:20,230 --> 00:11:24,909
more dog food therefore trying to raise

230
00:11:22,389 --> 00:11:26,829
some controversy and therefore say well

231
00:11:24,909 --> 00:11:28,539
these people here say the vaccinations

232
00:11:26,828 --> 00:11:30,729
work on these people will say that does

233
00:11:28,539 --> 00:11:32,708
it it's over to you why don't you the

234
00:11:30,730 --> 00:11:34,539
general public make a balanced decision

235
00:11:32,708 --> 00:11:37,808
of the lack of information we give you

236
00:11:34,539 --> 00:11:42,328
and so we had a drop in herd immunity

237
00:11:37,808 --> 00:11:45,549
and as a result a baby died and that

238
00:11:42,328 --> 00:11:47,318
very strongly in philosophy together to

239
00:11:45,549 --> 00:11:50,588
the media because I thought I could do

240
00:11:47,318 --> 00:11:52,240
more good there and as a result whatever

241
00:11:50,589 --> 00:11:54,730
the best job my whole life which was

242
00:11:52,240 --> 00:11:57,278
being a doctor in a kid's hospital so I

243
00:11:54,730 --> 00:12:00,100
could do more good in the community now

244
00:11:57,278 --> 00:12:01,808
on a completely different note you've

245
00:12:00,100 --> 00:12:03,428
now obviously you attended as I

246
00:12:01,808 --> 00:12:05,409
mentioned many of our conferences little

247
00:12:03,428 --> 00:12:07,688
now be you've not spoken at town in

248
00:12:05,409 --> 00:12:09,999
Vegas and you this is your first QED I

249
00:12:07,688 --> 00:12:12,578
believe first QE doing and I knew

250
00:12:09,999 --> 00:12:14,678
nothing about it was your own good

251
00:12:12,578 --> 00:12:16,178
people Richard Saunders for example who

252
00:12:14,678 --> 00:12:18,428
put me in contact with them then they

253
00:12:16,178 --> 00:12:20,919
invited me to come here I said sure and

254
00:12:18,428 --> 00:12:23,409
then jumped on a plane on Thursday

255
00:12:20,919 --> 00:12:25,208
afternoon land on friday morning did

256
00:12:23,409 --> 00:12:27,669
something in friday midday friday

257

00:12:25,208 --> 00:12:29,169
afternoon and then jumped onto a train

258
00:12:27,669 --> 00:12:30,698
and came here for saturday and sunday

259
00:12:29,169 --> 00:12:33,068
and then on monday i'll fly straight

260
00:12:30,698 --> 00:12:34,838
back again and how do you feel about the

261
00:12:33,068 --> 00:12:36,818
The Skeptical movement around the world

262
00:12:34,839 --> 00:12:37,779
now I mean you've seen it not just in

263
00:12:36,818 --> 00:12:40,479
Australia but in other

264
00:12:37,778 --> 00:12:42,639
playing in the US and the UK how do you

265
00:12:40,480 --> 00:12:44,889
feel in terms of the available of

266
00:12:42,639 --> 00:12:46,839
activity and and what you're seeing in

267
00:12:44,889 --> 00:12:52,169
terms of the dedication to the cause

268
00:12:46,839 --> 00:12:56,350
it's essential to have an aware public

269
00:12:52,169 --> 00:12:59,198
during these three times where the model

270
00:12:56,350 --> 00:13:04,569
of investigative journalism is changing

271
00:12:59,198 --> 00:13:07,748

so previously we had journalism and some

272

00:13:04,568 --> 00:13:11,679

of that was investigative journalism and

273

00:13:07,749 --> 00:13:16,300

it was funded by advertisements for

274

00:13:11,679 --> 00:13:19,299

dolls and real estate and cars so the

275

00:13:16,299 --> 00:13:23,109

newspapers used the revenue from their

276

00:13:19,299 --> 00:13:25,479

advertisements and from commercial you

277

00:13:23,110 --> 00:13:27,220

know smaller scale stuff to fund

278

00:13:25,480 --> 00:13:30,938

investigative Germans and that bond is

279

00:13:27,220 --> 00:13:32,829

falling over most of the newspapers are

280

00:13:30,938 --> 00:13:35,620

not shifting over well the New York

281

00:13:32,828 --> 00:13:38,289

Times is I'm very happy to pay fifteen

282

00:13:35,620 --> 00:13:40,509

dollars a month to get the new york

283

00:13:38,289 --> 00:13:42,399

times via the internet and i love

284

00:13:40,509 --> 00:13:47,139

reading and they were doing good scale

285

00:13:42,399 --> 00:13:50,860

investigation in australia we've got two

286
00:13:47,139 --> 00:13:53,799
separate situations happening one we

287
00:13:50,860 --> 00:13:57,539
have the fairfax which is seeming to go

288
00:13:53,799 --> 00:14:00,969
into a slow-motion tumble into leaving

289
00:13:57,539 --> 00:14:03,099
print because of various bad decisions

290
00:14:00,970 --> 00:14:05,949
that were made along the way not giving

291
00:14:03,100 --> 00:14:09,009
them enough revenue to survive the

292
00:14:05,948 --> 00:14:12,370
transition from print into the internet

293
00:14:09,009 --> 00:14:15,610
and the other model is the Murdoch

294
00:14:12,370 --> 00:14:18,459
newspapers which an entirely different

295
00:14:15,610 --> 00:14:21,839
kettle of fish because they're being run

296
00:14:18,458 --> 00:14:26,018
at a loss for various reasons and so

297
00:14:21,839 --> 00:14:29,370
we're in this transition period and it's

298
00:14:26,019 --> 00:14:33,089
so good that the skeptical movement is

299
00:14:29,370 --> 00:14:36,938
keeping alive the light of knowledge

300
00:14:33,089 --> 00:14:39,730
during this transition time where we end

301
00:14:36,938 --> 00:14:43,748
up with what we end up with we have no

302
00:14:39,730 --> 00:14:45,308
idea who can tell the future the park

303
00:14:43,749 --> 00:14:47,139
and stuff like the tides and you know

304
00:14:45,308 --> 00:14:49,039
eclipses and stuff like that that we can

305
00:14:47,139 --> 00:14:51,860
predict but the social

306
00:14:49,039 --> 00:14:54,469
it's so complex so you're doing good

307
00:14:51,860 --> 00:14:57,980
work and I'm hoping that your influence

308
00:14:54,470 --> 00:14:59,120
the future I will you will of course dr.

309
00:14:57,980 --> 00:15:12,199
Carl thank you very much for being on

310
00:14:59,120 --> 00:15:14,000
the script exam thank you today this is

311
00:15:12,198 --> 00:15:15,379
dr. Carl Carl Christmas keep proud to be

312
00:15:14,000 --> 00:15:17,990
skeptic and you can find out more about

313
00:15:15,379 --> 00:15:20,740
me at dr. Kyle calm and get lots of free

314

00:15:17,990 --> 00:15:20,740
stuff there as well

315
00:15:29,690 --> 00:15:36,889
here's my not spooky action at a

316
00:15:34,350 --> 00:15:36,889
distance

317
00:15:37,200 --> 00:15:41,400
and move one to the left Emma got Carol

318
00:15:39,539 --> 00:15:42,539
crews SQ hi Kyle how are you hi look

319
00:15:41,399 --> 00:15:44,129
mate I think I should tell you about

320
00:15:42,539 --> 00:15:46,230
some scientific truths in labeling I

321
00:15:44,129 --> 00:15:47,639
just really are because now we get to

322
00:15:46,230 --> 00:15:49,529
take some calls with go go for it right

323
00:15:47,639 --> 00:15:51,480
okay with regard to the microphone new

324
00:15:49,529 --> 00:15:53,490
you are using any use of that microphone

325
00:15:51,480 --> 00:15:54,570
in any manner whatsoever will increase

326
00:15:53,490 --> 00:15:57,509
the amount of disorder in the universe

327
00:15:54,570 --> 00:15:59,010
and the consumer that is you I warned

328
00:15:57,509 --> 00:16:01,110

the this process of talking on the

329

00:15:59,009 --> 00:16:03,389

microphone will lead ultimately to the

330

00:16:01,110 --> 00:16:04,649

heat death of the universe may you feel

331

00:16:03,389 --> 00:16:06,600

any guilt no not where you're going to

332

00:16:04,649 --> 00:16:08,069

be packing out on me mate it's all your

333

00:16:06,600 --> 00:16:09,389

fault you're increasing the amount of

334

00:16:08,070 --> 00:16:11,070

disorder in the universe and furthermore

335

00:16:09,389 --> 00:16:13,289

with regard to the users which they

336

00:16:11,070 --> 00:16:15,180

should be aware that every single radio

337

00:16:13,289 --> 00:16:17,939

that they are using made of 100-percent

338

00:16:15,179 --> 00:16:20,189

matter if it comes in contact with any

339

00:16:17,940 --> 00:16:22,680

antimatter it will explode in a

340

00:16:20,190 --> 00:16:24,150

catastrophic explosion any questions for

341

00:16:22,679 --> 00:16:25,679

Carl he have you do everything except

342

00:16:24,149 --> 00:16:27,809

relationships and windows don't you mana

343
00:16:25,679 --> 00:16:29,009
Chris good morning how am I um I'm

344
00:16:27,809 --> 00:16:30,239
pretty good on gum print feel a bit

345
00:16:29,009 --> 00:16:31,200
scientific field with soggy after the

346
00:16:30,240 --> 00:16:33,029
weekend but what's your question for

347
00:16:31,200 --> 00:16:35,129
Carl ok car look I wonder if there's a

348
00:16:33,029 --> 00:16:37,529
future in energy production from to

349
00:16:35,129 --> 00:16:39,120
virtual motion machines no no no there

350
00:16:37,529 --> 00:16:40,860
are three basic laws of thermodynamics

351
00:16:39,120 --> 00:16:42,210
which in the original form are quite

352
00:16:40,860 --> 00:16:45,360
complicated but I will give you the

353
00:16:42,210 --> 00:16:49,530
simplified version law number one you

354
00:16:45,360 --> 00:16:52,830
cannot win number two you cannot even

355
00:16:49,529 --> 00:16:55,620
break even number three you will always

356
00:16:52,830 --> 00:16:56,940
lose they're referring to energy so you

357
00:16:55,620 --> 00:16:58,019
cannot make a perpetual motion machine

358
00:16:56,940 --> 00:16:59,940
you can waste a lot of time thinking

359
00:16:58,019 --> 00:17:01,620
about it at the end of the day nobody's

360
00:16:59,940 --> 00:17:03,660
ever made one yeah so give up now okay

361
00:17:01,620 --> 00:17:05,490
give up now and sleep easy I better get

362
00:17:03,659 --> 00:17:06,930
back to bed then that's two people who

363
00:17:05,490 --> 00:17:08,430
put back to bed so enough of Jesus life

364
00:17:06,930 --> 00:17:11,220
till the breakfast shows for Joe mining

365
00:17:08,430 --> 00:17:12,600
job what am I wake up the morning you're

366
00:17:11,220 --> 00:17:15,779
concerned about a very high tide aren't

367
00:17:12,599 --> 00:17:17,789
you yeah sort of mr. the part two of

368
00:17:15,779 --> 00:17:19,828
that show after the warming with james

369
00:17:17,789 --> 00:17:21,990
burke and i was wondering exactly how

370
00:17:19,828 --> 00:17:26,279
the earth could warm up so far that that

371

00:17:21,990 --> 00:17:28,799
the caesar dries to 300 feet in 70 years

372
00:17:26,279 --> 00:17:30,859
he saints 100 feet in some oh that

373
00:17:28,799 --> 00:17:34,529
was he was describing back in that

374
00:17:30,859 --> 00:17:36,809
Vikings of all right okay no choice did

375
00:17:34,529 --> 00:17:38,609
this right okay now the thing to realize

376
00:17:36,809 --> 00:17:41,279
is that what we're looking at now Joe is

377
00:17:38,609 --> 00:17:42,959
abnormal weather ok right now think of

378
00:17:41,279 --> 00:17:45,389
yourself you are a human being you have

379
00:17:42,960 --> 00:17:46,740
got a 1200 milliliter brain but three

380
00:17:45,390 --> 00:17:48,259
million years ago in four million years

381
00:17:46,740 --> 00:17:49,980
ago your brain was half that size

382
00:17:48,259 --> 00:17:50,789
assuming you've lived that long which

383
00:17:49,980 --> 00:17:52,319
you probably haven't

384
00:17:50,789 --> 00:17:53,730
your ancestors had a brain half that

385
00:17:52,319 --> 00:17:55,139

size in that three million years the

386

00:17:53,730 --> 00:17:57,630

typical weather pattern on the planet

387

00:17:55,140 --> 00:17:59,490

has been this there's an ice age for a

388

00:17:57,630 --> 00:18:02,670

hundred thousand years and not ice age

389

00:17:59,490 --> 00:18:04,259

for 10,000 years ice age 4 109 ice age

390

00:18:02,670 --> 00:18:06,600

through 10,000 that's the way it goes

391

00:18:04,259 --> 00:18:08,700

most of the time is spent in an ice age

392

00:18:06,599 --> 00:18:10,799

now in an ice age what happens is that

393

00:18:08,700 --> 00:18:12,330

the ice packs come down from the North

394

00:18:10,799 --> 00:18:14,430

Pole as far as Wisconsin where their

395

00:18:12,329 --> 00:18:16,470

kilometer high they come up from the

396

00:18:14,430 --> 00:18:19,320

south polar within for a thousand

397

00:18:16,470 --> 00:18:21,509

kilometres of Tasmania and all there's

398

00:18:19,319 --> 00:18:23,849

so much water trapped in the ice that

399

00:18:21,509 --> 00:18:26,369

the water level drops by a hundred

400
00:18:23,849 --> 00:18:27,899
meters or 300 feet and so with regard to

401
00:18:26,369 --> 00:18:29,699
the Aborigines for most of the times the

402
00:18:27,900 --> 00:18:31,590
Aborigines have been in Australia the

403
00:18:29,700 --> 00:18:33,090
Australia has been a bigger country it

404
00:18:31,589 --> 00:18:35,129
has only been 70 kilometers away from

405
00:18:33,089 --> 00:18:36,750
internet Indonesia and being sensible a

406
00:18:35,130 --> 00:18:38,130
lot of people to live on the coso mostly

407
00:18:36,750 --> 00:18:40,019
Aboriginal artifacts are buried under

408
00:18:38,130 --> 00:18:42,000
water but we are now at the end of this

409
00:18:40,019 --> 00:18:43,710
ten thousand year period soon another

410
00:18:42,000 --> 00:18:45,930
Ice Age will come along unless of course

411
00:18:43,710 --> 00:18:47,519
global warming stop sir who knows what's

412
00:18:45,930 --> 00:18:49,230
going to happen hang around it's going

413
00:18:47,519 --> 00:18:50,639
to be exciting times but until then

414
00:18:49,230 --> 00:18:53,150
probably go back to bed i reckon Joan

415
00:18:50,640 --> 00:18:53,150
good idea

416
00:19:15,390 --> 00:19:22,509
dr. Harriet hall md no into thousands as

417
00:19:19,480 --> 00:19:25,630
the skeptic a retired family physician

418
00:19:22,509 --> 00:19:27,700
and former Air Force flight surgeon she

419
00:19:25,630 --> 00:19:29,400
writes about medicine so called

420
00:19:27,700 --> 00:19:33,269
complementary and alternative medicine

421
00:19:29,400 --> 00:19:36,370
science quackery and critical thinking

422
00:19:33,269 --> 00:19:38,798
Harriet now has a free course a series

423
00:19:36,369 --> 00:19:41,979
of ten video lectures on science based

424
00:19:38,798 --> 00:19:43,990
medicine and alternative medicine the

425
00:19:41,980 --> 00:19:46,120
videos and an accompanying course guide

426
00:19:43,990 --> 00:19:50,950
can be found by following the link at

427
00:19:46,119 --> 00:19:56,879
skeptic info or by visiting web Randy's

428

00:19:50,950 --> 00:19:59,308
org slash educational modules dot HTML

429
00:19:56,880 --> 00:20:01,570
topics covered in the series are

430
00:19:59,308 --> 00:20:04,678
science-based medicine vs.

431
00:20:01,569 --> 00:20:08,099
evidence-based medicine what is cam

432
00:20:04,679 --> 00:20:11,288
chiropractic acupuncture homeopathy

433
00:20:08,099 --> 00:20:13,418
naturopathy and herbal medicine energy

434
00:20:11,288 --> 00:20:16,569
medicine miscellaneous alternatives

435
00:20:13,419 --> 00:20:19,860
pitfalls in research and science-based

436
00:20:16,569 --> 00:20:22,629
medicine in the media and politics

437
00:20:19,859 --> 00:20:25,178
Harriet covers each topic in a matter of

438
00:20:22,630 --> 00:20:30,870
fact no-nonsense way that shorter

439
00:20:25,179 --> 00:20:30,870
educate and entertain skeptic dot info

440
00:20:48,619 --> 00:21:02,489
it's the raw skeptic report with Heidi

441
00:20:52,589 --> 00:21:03,769
Robertson hello everyone Heidi Robertson

442
00:21:02,490 --> 00:21:07,380

here from the Northern Rivers

443

00:21:03,769 --> 00:21:10,230
vaccination supporters this past week

444

00:21:07,380 --> 00:21:13,770
was quite a proud moment for our little

445

00:21:10,230 --> 00:21:16,410
old grassroots community group as you'd

446

00:21:13,769 --> 00:21:18,569
know by now we formed three years ago in

447

00:21:16,410 --> 00:21:20,880
response to the appalling ly low rates

448

00:21:18,569 --> 00:21:23,269
of vaccination in our regional area of

449

00:21:20,880 --> 00:21:25,800
northern New South Wales mullumbimby

450

00:21:23,269 --> 00:21:29,190
we're near the popular tourist

451

00:21:25,799 --> 00:21:31,319
destination of Byron Bay earlier this

452

00:21:29,190 --> 00:21:34,259
year we were notified that the World

453

00:21:31,319 --> 00:21:37,740
Health Organization otherwise known as

454

00:21:34,259 --> 00:21:40,589
the who was looking to add links on

455

00:21:37,740 --> 00:21:42,809
their website to groups that provided

456

00:21:40,589 --> 00:21:46,829
reliable sources of information about

457
00:21:42,809 --> 00:21:48,690
vaccines and vaccine safety we decided

458
00:21:46,829 --> 00:21:52,019
to put forward our website for

459
00:21:48,690 --> 00:21:54,600
consideration because why not we do in

460
00:21:52,019 --> 00:21:57,299
fact put forward credible information to

461
00:21:54,599 --> 00:22:01,079
counter the vast amounts of

462
00:21:57,299 --> 00:22:03,509
misinformation out there we then went

463
00:22:01,079 --> 00:22:06,480
through an application process which

464
00:22:03,509 --> 00:22:09,660
went on for a few months and this last

465
00:22:06,480 --> 00:22:14,610
week we were approved by the WHO and now

466
00:22:09,660 --> 00:22:18,019
appear on their website as stated by the

467
00:22:14,609 --> 00:22:21,209
WHO quote due to the success of

468
00:22:18,019 --> 00:22:24,000
immunization some diseases are no longer

469
00:22:21,210 --> 00:22:25,799
perceived as a threat certain groups

470
00:22:24,000 --> 00:22:27,930
have even questioned the utility of

471
00:22:25,799 --> 00:22:31,200
vaccination in spite of its proven

472
00:22:27,930 --> 00:22:34,049
success in controlling disease in recent

473
00:22:31,200 --> 00:22:36,690
years a number of websites providing

474
00:22:34,049 --> 00:22:38,579
unbalanced misleading and alarming

475
00:22:36,690 --> 00:22:41,759
vaccine safety information have been

476
00:22:38,579 --> 00:22:44,990
established which can lead to undo fears

477
00:22:41,759 --> 00:22:47,369
particularly among parents and patients

478
00:22:44,990 --> 00:22:49,950
acknowledging the above-mentioned

479
00:22:47,369 --> 00:22:53,069
and urged by governments key

480
00:22:49,950 --> 00:22:55,549
nongovernmental organizations and the

481
00:22:53,069 --> 00:22:58,740
United Nations Children's Fund UNICEF

482
00:22:55,549 --> 00:23:03,029
the World Health Organization initiated

483
00:22:58,740 --> 00:23:05,279
in 2003 the vaccine safety net project a

484
00:23:03,029 --> 00:23:07,319
couple of days after we announced this

485

00:23:05,279 --> 00:23:09,808
somewhat incredible event on our

486
00:23:07,319 --> 00:23:12,299
Facebook page we were contacted by our

487
00:23:09,808 --> 00:23:14,819
local newspaper the Northern Star for an

488
00:23:12,299 --> 00:23:17,909
interview that story has now been

489
00:23:14,819 --> 00:23:20,308
published online and in print our own

490
00:23:17,910 --> 00:23:22,380
dr. Rachel heap a Northern Rivers

491
00:23:20,308 --> 00:23:25,319
intensive care doctor who wrote the

492
00:23:22,380 --> 00:23:29,240
content on our website was quoted in the

493
00:23:25,319 --> 00:23:32,039
article he is Richard to read it out

494
00:23:29,240 --> 00:23:34,558
from the Northern Star newspaper online

495
00:23:32,039 --> 00:23:38,279
edition published on the first of

496
00:23:34,558 --> 00:23:41,940
November 2016 why you shouldn't be

497
00:23:38,279 --> 00:23:44,730
afraid our vaccines group a local Pro

498
00:23:41,940 --> 00:23:47,190
vaccination group that began just three

499
00:23:44,730 --> 00:23:50,160

years ago has been recognized by the

500

00:23:47,190 --> 00:23:52,470

world health organization has a good

501

00:23:50,160 --> 00:23:55,380

source of information on vaccine safety

502

00:23:52,470 --> 00:23:58,679

the wh o publishes a list of websites

503

00:23:55,380 --> 00:24:00,290

that are found to quote facilitate the

504

00:23:58,679 --> 00:24:03,090

access of public health authorities

505

00:24:00,289 --> 00:24:06,089

health professionals and the public to

506

00:24:03,089 --> 00:24:08,308

reliable information min quote Northern

507

00:24:06,089 --> 00:24:11,129

Rivers vaccination supporters group is

508

00:24:08,308 --> 00:24:15,389

now one of those websites it can be

509

00:24:11,130 --> 00:24:18,270

found at the wh o s vaccine safety net

510

00:24:15,390 --> 00:24:20,580

web page along with other successful

511

00:24:18,269 --> 00:24:22,769

organizations Northern Rivers

512

00:24:20,579 --> 00:24:25,829

vaccination supporters announced the

513

00:24:22,769 --> 00:24:29,069

achievement on their Facebook page quote

514
00:24:25,829 --> 00:24:31,139
we're absolutely stoked end quote one of

515
00:24:29,069 --> 00:24:34,439
the group's core administrators Rachel

516
00:24:31,140 --> 00:24:36,809
heap told the Northern Star quote we

517
00:24:34,440 --> 00:24:38,850
have worked really hard to put credible

518
00:24:36,808 --> 00:24:41,308
and reliable and accurate information

519
00:24:38,849 --> 00:24:43,529
out there to get recognized by the world

520
00:24:41,308 --> 00:24:45,960
health organization in that short time

521
00:24:43,529 --> 00:24:48,420
period for an unfunded grassroots

522
00:24:45,960 --> 00:24:51,360
community organization it's just awesome

523
00:24:48,420 --> 00:24:53,070
end quote she said the group's primary

524
00:24:51,359 --> 00:24:55,979
goal was to spread the word that people

525
00:24:53,069 --> 00:24:58,319
shouldn't be afraid of vaccines but

526
00:24:55,980 --> 00:25:00,179
instead quote you should be amazed at

527
00:24:58,319 --> 00:25:01,109
how extraordinary they are as a public

528
00:25:00,179 --> 00:25:04,380
health measure

529
00:25:01,109 --> 00:25:06,539
end quote dr. heap said one of the key

530
00:25:04,380 --> 00:25:08,929
strategies the group uses to get the

531
00:25:06,539 --> 00:25:12,629
message out there is called the quote

532
00:25:08,929 --> 00:25:14,580
thousand cups of tea in quote quote it's

533
00:25:12,630 --> 00:25:17,400
sitting down and talking to people about

534
00:25:14,579 --> 00:25:19,769
their fears and having the knowledge to

535
00:25:17,400 --> 00:25:24,150
explain to them what the science

536
00:25:19,769 --> 00:25:27,779
actually shows that conversation is key

537
00:25:24,150 --> 00:25:29,670
to the group in quote she said for more

538
00:25:27,779 --> 00:25:32,160
information about the Northern Rivers

539
00:25:29,670 --> 00:25:38,100
vaccination supporters visit them on

540
00:25:32,160 --> 00:25:40,110
facebook or visit w WN r vs info we are

541
00:25:38,099 --> 00:25:42,058
both humbled and proud that this has

542

00:25:40,109 --> 00:25:43,649
happened and we thank everyone who has

543
00:25:42,058 --> 00:25:46,918
supported us over the past three years

544
00:25:43,650 --> 00:25:48,570
our hope is that in the coming years we

545
00:25:46,919 --> 00:25:52,080
can make a measurable difference to the

546
00:25:48,569 --> 00:25:53,730
vaccination rates in our region thanks

547
00:25:52,079 --> 00:25:55,529
for listening this has been Heidi

548
00:25:53,730 --> 00:25:59,099
Robertson and you can find us on twitter

549
00:25:55,529 --> 00:26:01,410
at NR vac supporters that's VA x or on

550
00:25:59,099 --> 00:26:05,428
facebook at northern rivers vaccination

551
00:26:01,410 --> 00:26:09,058
supporters or on our website nrvs info

552
00:26:05,429 --> 00:26:13,350
on wikipedia thanks to susan goreck and

553
00:26:09,058 --> 00:26:15,329
the gorilla skeptics and Oh Susan if

554
00:26:13,349 --> 00:26:17,039
you're listening will need an edit to

555
00:26:15,329 --> 00:26:21,089
include this new world health

556
00:26:17,039 --> 00:26:23,000

organization thing now and now also we

557

00:26:21,089 --> 00:26:26,639

can be found on the World Health

558

00:26:23,000 --> 00:26:29,450

Organization website thanks everyone

559

00:26:26,640 --> 00:26:29,450

till next time

560

00:26:40,148 --> 00:26:44,898

quack watch your guide to quackery

561

00:26:42,648 --> 00:26:48,288

health fraud and intelligent decisions

562

00:26:44,898 --> 00:26:50,298

operated by Steven Barrett MD quite

563

00:26:48,288 --> 00:26:51,798

watch is now an international network of

564

00:26:50,298 --> 00:26:54,168

people who are concerned about

565

00:26:51,798 --> 00:26:56,658

health-related frauds myths fads

566

00:26:54,169 --> 00:26:59,538

fallacies and misconduct its primary

567

00:26:56,659 --> 00:27:01,999

focus is on quackery related information

568

00:26:59,538 --> 00:27:04,819

that is difficult or impossible to get

569

00:27:01,999 --> 00:27:08,210

elsewhere articles on quackery include

570

00:27:04,819 --> 00:27:12,230

quackery how should it be defined how it

571
00:27:08,210 --> 00:27:15,048
sells 26 ways to spot it how it harms

572
00:27:12,230 --> 00:27:17,509
cancer patients 7 warning signs for

573
00:27:15,048 --> 00:27:20,499
bogus science why health professionals

574
00:27:17,509 --> 00:27:22,700
become quacks and many more including

575
00:27:20,499 --> 00:27:26,149
in-depth looks at acupuncture

576
00:27:22,700 --> 00:27:33,340
chiropractic homeopathy naturopathy and

577
00:27:26,148 --> 00:27:33,339
much more visit www.wach.wach.com

578
00:27:51,538 --> 00:27:59,138
recently here on Australian TV the bio

579
00:27:55,118 --> 00:28:01,749
drama of very famous man peter brock was

580
00:27:59,138 --> 00:28:04,569
Sharon sadly peter brock died about 10

581
00:28:01,749 --> 00:28:08,078
years ago in a motor car accident he was

582
00:28:04,569 --> 00:28:09,848
known as the king of the mountain the

583
00:28:08,078 --> 00:28:13,319
mountain referring to the Bathurst race

584
00:28:09,848 --> 00:28:18,009
course in non-western New South Wales

585

00:28:13,319 --> 00:28:20,259

not too far west a wonderful racing car

586

00:28:18,009 --> 00:28:23,528

driver and thrilled many people had many

587

00:28:20,259 --> 00:28:27,459

accomplishments but he was not immune to

588

00:28:23,528 --> 00:28:31,450

falling for certain pseudoscience the

589

00:28:27,459 --> 00:28:37,389

one he fell for is called all gone

590

00:28:31,450 --> 00:28:39,429

energy and he was marketing what he

591

00:28:37,388 --> 00:28:42,098

called the energy polarizer which was

592

00:28:39,429 --> 00:28:44,559

claimed to use this orgone energy to

593

00:28:42,098 --> 00:28:47,259

give the feel Morgan's get better

594

00:28:44,558 --> 00:28:51,190

mileage cleaner running all that sort of

595

00:28:47,259 --> 00:28:54,940

standard claims and in fact he won the

596

00:28:51,190 --> 00:28:56,889

Australian skeptics bent spoon award the

597

00:28:54,940 --> 00:28:58,509

bent spoon being of course awarded each

598

00:28:56,888 --> 00:29:00,008

year by Australian skeptics to the

599

00:28:58,509 --> 00:29:01,778
perpetrator of the most pop oestrus

600
00:29:00,009 --> 00:29:06,808
piece of paranormal or pseudo scientific

601
00:29:01,778 --> 00:29:10,058
piffle so they say in at 1986 and

602
00:29:06,808 --> 00:29:12,038
reading from an article of the history

603
00:29:10,058 --> 00:29:15,249
of the bent spoon written by Barry

604
00:29:12,038 --> 00:29:18,669
Williams we read the next award went to

605
00:29:15,249 --> 00:29:20,828
an Australian sporting icon in 1986

606
00:29:18,669 --> 00:29:23,169
peter brock australia's premier touring

607
00:29:20,828 --> 00:29:26,528
car driver became involved in promoting

608
00:29:23,169 --> 00:29:29,969
an energy polarizer which he alleged

609
00:29:26,528 --> 00:29:33,128
when attached to the firewall of a car

610
00:29:29,969 --> 00:29:36,308
improved its performance in all fields

611
00:29:33,128 --> 00:29:38,588
the device was not connected to any of

612
00:29:36,308 --> 00:29:40,928
the vehicle systems and supposedly

613
00:29:38,588 --> 00:29:43,269

worked by the application of a

614

00:29:40,929 --> 00:29:45,849

mysterious energy unknown to science

615

00:29:43,269 --> 00:29:48,729

along with motoring journalists the

616

00:29:45,848 --> 00:29:50,558

skeptics conducted an investigation into

617

00:29:48,729 --> 00:29:53,169

the device and found there was

618

00:29:50,558 --> 00:29:57,069

no basis for the claims made the fallout

619

00:29:53,169 --> 00:29:59,620

from this affair so Brock severing his

620

00:29:57,069 --> 00:30:02,788

relationship with General Motors that's

621

00:29:59,619 --> 00:30:05,739

a General Motors holdin his longtime

622

00:30:02,788 --> 00:30:08,230

sponsors and with a number of his

623

00:30:05,740 --> 00:30:10,749

colleagues the publicity associated with

624

00:30:08,230 --> 00:30:13,839

this case saw the device withdrawn from

625

00:30:10,749 --> 00:30:17,940

sale and as for orgone energy itself

626

00:30:13,839 --> 00:30:21,069

from Wikipedia we see all gone is a

627

00:30:17,940 --> 00:30:23,499

pseudo-scientific and spiritual concept

628
00:30:21,069 --> 00:30:25,918
describing an esoteric energy or

629
00:30:23,499 --> 00:30:29,169
hypothetical universal life force

630
00:30:25,919 --> 00:30:32,679
originally proposed in the 1930s by Phil

631
00:30:29,169 --> 00:30:37,509
him Reich has developed by rice student

632
00:30:32,679 --> 00:30:40,830
Carl Kelley after rice death in 1957

633
00:30:37,509 --> 00:30:44,099
organ was conceived as the anti-entropic

634
00:30:40,829 --> 00:30:47,470
principle of the universe a creative

635
00:30:44,099 --> 00:30:52,240
substratum in all of nature comparable

636
00:30:47,470 --> 00:30:55,450
to Mesmer's animal magnetism wahlgren

637
00:30:52,240 --> 00:30:59,138
was seemed to be a massless omnipresent

638
00:30:55,450 --> 00:31:02,649
substance similar to the ether Reich

639
00:30:59,138 --> 00:31:05,769
stated that defects or constrictions in

640
00:31:02,648 --> 00:31:08,918
the bodily organ were the root of many

641
00:31:05,769 --> 00:31:11,798
diseases the article goes on it's quite

642
00:31:08,919 --> 00:31:14,320
extensive but I think I think you get

643
00:31:11,798 --> 00:31:18,009
the gist it's one of the famous energies

644
00:31:14,319 --> 00:31:21,308
unknown to science nor as a skeptic

645
00:31:18,009 --> 00:31:24,339
Barry Williams likes to call them its EU

646
00:31:21,308 --> 00:31:26,259
TS energies unknown designs but as we

647
00:31:24,339 --> 00:31:28,628
mentioned skeptics Australian skeptics

648
00:31:26,259 --> 00:31:30,940
have been investigating this energy and

649
00:31:28,628 --> 00:31:33,759
its associated devices for a long time

650
00:31:30,940 --> 00:31:36,369
and in fact what I'll do in this week's

651
00:31:33,759 --> 00:31:38,048
show notes is I'll provide a link with

652
00:31:36,368 --> 00:31:40,329
the automatic search so you can look

653
00:31:38,048 --> 00:31:42,690
through previous issues of the magazine

654
00:31:40,329 --> 00:31:46,538
the skeptic going back 30 years for

655
00:31:42,690 --> 00:31:51,429
references to this orgone energy and if

656

00:31:46,538 --> 00:31:54,368
I have a quick look from volume 7 issue

657
00:31:51,429 --> 00:31:57,100
number one of the skeptic magazine way

658
00:31:54,368 --> 00:31:59,138
back in nineteen eighty seven an item

659
00:31:57,099 --> 00:32:01,480
written by Mary Williams at the time the

660
00:31:59,138 --> 00:32:03,849
Brock energy polarizer scientific

661
00:32:01,480 --> 00:32:06,130
breakthrough o witchcraft

662
00:32:03,849 --> 00:32:08,219
readers will be familiar with recent

663
00:32:06,130 --> 00:32:11,289
media controversy regarding the

664
00:32:08,220 --> 00:32:14,079
commercial dispute between General

665
00:32:11,288 --> 00:32:17,950
Moters paulding and mr. Peter Brooks

666
00:32:14,079 --> 00:32:19,599
company hdt proprietary limited central

667
00:32:17,950 --> 00:32:22,269
to this dispute appears to be the

668
00:32:19,599 --> 00:32:24,668
so-called energy polarizer the device

669
00:32:22,269 --> 00:32:27,099
which consists of magnets and cylinders

670
00:32:24,669 --> 00:32:29,620

which is fitted to General Motors Holden

671

00:32:27,099 --> 00:32:32,048

Commodore vehicles which after certain

672

00:32:29,619 --> 00:32:34,629

modifications are sold as separate

673

00:32:32,048 --> 00:32:37,058

vehicles the Australian skeptics has no

674

00:32:34,630 --> 00:32:39,669

interest in the commercial dispute nor

675

00:32:37,058 --> 00:32:41,798

in the mechanical modifications our

676

00:32:39,669 --> 00:32:44,559

concern is purely the claims made by the

677

00:32:41,798 --> 00:32:48,400

Energy polarisers as published in the

678

00:32:44,558 --> 00:32:51,190

media in this endeavor we are frustrated

679

00:32:48,400 --> 00:32:54,009

by Mr brachs public statement that some

680

00:32:51,190 --> 00:32:56,860

claims were made as quote a smokescreen

681

00:32:54,009 --> 00:33:01,150

and quote after his premises had been

682

00:32:56,859 --> 00:33:03,099

burgled he was not explicit as to which

683

00:33:01,150 --> 00:33:06,640

claims were genuine and which claims

684

00:33:03,099 --> 00:33:08,500

were smokescreen in particular we call

685
00:33:06,640 --> 00:33:11,110
upon mr. Brock to explain whether the

686
00:33:08,500 --> 00:33:15,569
following claims are valid number one

687
00:33:11,109 --> 00:33:18,759
does the device utilize orgone energy

688
00:33:15,569 --> 00:33:21,250
number two does the device utilize

689
00:33:18,759 --> 00:33:23,288
energies unknown to science which cannot

690
00:33:21,250 --> 00:33:27,279
be tested by normal scientific means

691
00:33:23,288 --> 00:33:31,058
number three does the device realign the

692
00:33:27,279 --> 00:33:33,190
molecules in the vehicle number four

693
00:33:31,058 --> 00:33:36,220
does the fitting of the device without

694
00:33:33,190 --> 00:33:41,110
any other mechanical adjustment quote

695
00:33:36,220 --> 00:33:43,779
turn a dog of a car into a sweet running

696
00:33:41,109 --> 00:33:46,209
one end quote if none of the above

697
00:33:43,779 --> 00:33:49,918
claims are valid what claims are made

698
00:33:46,210 --> 00:33:52,150
for the quote energy polarizer unquote

699
00:33:49,919 --> 00:33:54,250
Australian skeptics has made the

700
00:33:52,150 --> 00:33:57,788
investigation of the energy polarizer

701
00:33:54,250 --> 00:34:00,130
and various magnet / crystal devices

702
00:33:57,788 --> 00:34:03,759
known to be on sale as a major project

703
00:34:00,130 --> 00:34:05,919
for 1987 readers who have informed or

704
00:34:03,759 --> 00:34:08,139
have had experience of such devices

705
00:34:05,919 --> 00:34:11,320
which claimed to have beneficial effects

706
00:34:08,139 --> 00:34:14,230
on motor vehicles water supplies human

707
00:34:11,320 --> 00:34:16,710
beings or anything else are invited to

708
00:34:14,230 --> 00:34:20,429
send us the details

709
00:34:16,710 --> 00:34:22,858
but later from 1987 we read bent spoon

710
00:34:20,429 --> 00:34:25,858
award for 1986 goes to peter brock and

711
00:34:22,858 --> 00:34:28,108
his energy polarizer so to expand on

712
00:34:25,858 --> 00:34:31,889
what we read before by barry williams in

713

00:34:28,108 --> 00:34:34,759
a year that saw the usual run of

714
00:34:31,889 --> 00:34:38,730
psychics promoting their usual run of

715
00:34:34,760 --> 00:34:41,190
unusually wrong predictions 1986 and the

716
00:34:38,730 --> 00:34:44,820
start of 1987 also saw some rather

717
00:34:41,190 --> 00:34:46,740
unusual examples of paranormal events or

718
00:34:44,820 --> 00:34:49,109
potential winners of the Australian

719
00:34:46,739 --> 00:34:50,579
skeptics bent spoon award the judging

720
00:34:49,108 --> 00:34:52,619
committee for the bent spoon would

721
00:34:50,579 --> 00:34:55,348
rejected the visiting American woman who

722
00:34:52,619 --> 00:34:57,630
filled venues in most capitals claiming

723
00:34:55,349 --> 00:35:00,630
to teach the cash paying public how to

724
00:34:57,630 --> 00:35:03,750
quote tap the universal force and quote

725
00:35:00,630 --> 00:35:05,970
to enable them to bend cutlery the

726
00:35:03,750 --> 00:35:08,900
committee considered not entirely

727
00:35:05,969 --> 00:35:11,759

seriously that this may have been

728

00:35:08,900 --> 00:35:13,559

organized by the cutlery Manufacturers

729

00:35:11,760 --> 00:35:15,869

Association in an effort to boost

730

00:35:13,559 --> 00:35:19,500

flagging sales why else would anybody

731

00:35:15,869 --> 00:35:22,950

want to mass bend spoons another strong

732

00:35:19,500 --> 00:35:25,588

contender was zan tax limited which paid

733

00:35:22,949 --> 00:35:27,838

Israeli magician and alleged psychic uri

734

00:35:25,588 --> 00:35:30,179

geller two hundred and fifty thousand

735

00:35:27,838 --> 00:35:32,940

dollars us to find the location of gold

736

00:35:30,179 --> 00:35:35,879

mines the judges rejected this story as

737

00:35:32,940 --> 00:35:39,240

chantix appeared to be more of a victim

738

00:35:35,880 --> 00:35:41,369

than a perpetrator of a psychic scam in

739

00:35:39,239 --> 00:35:43,559

the event it was agreed that the one

740

00:35:41,369 --> 00:35:46,440

outstanding example of pseudoscience of

741

00:35:43,559 --> 00:35:48,269

the year was the so-called energy

742
00:35:46,440 --> 00:35:50,700
polarizer and being promoted by top

743
00:35:48,269 --> 00:35:52,679
australian racing driver peter brock the

744
00:35:50,699 --> 00:35:54,960
story of how Australian skeptics became

745
00:35:52,679 --> 00:35:57,659
involved in the energy polarizer affair

746
00:35:54,960 --> 00:36:00,809
reads like the plot of a Licari novel

747
00:35:57,659 --> 00:36:03,210
and is recounted in this issue mr. Brock

748
00:36:00,809 --> 00:36:05,820
joins a distinguished list of winners of

749
00:36:03,210 --> 00:36:08,130
the bent spoon award which includes the

750
00:36:05,820 --> 00:36:11,070
thin horn Foundation the Melbourne

751
00:36:08,130 --> 00:36:14,220
Metropolitan Board of Works and psychic

752
00:36:11,070 --> 00:36:15,780
Tom Ward's now here's a short clip of

753
00:36:14,219 --> 00:36:19,799
peter brock talking about the energy

754
00:36:15,780 --> 00:36:22,890
polarizer in 1997 courtesy of the

755
00:36:19,800 --> 00:36:25,789
channel seven witness program a current

756

00:36:22,889 --> 00:36:28,529

affairs programme of the time

757

00:36:25,789 --> 00:36:30,690

ultimately the events that changed peter

758

00:36:28,530 --> 00:36:34,280

brock more than anything was not one of

759

00:36:30,690 --> 00:36:37,230

his many successes but a failure it was

760

00:36:34,280 --> 00:36:40,070

1987 and Brock was promoting this new

761

00:36:37,230 --> 00:36:42,990

age device called the energy polarizer

762

00:36:40,070 --> 00:36:45,450

makes motor vehicles with a lot better

763

00:36:42,989 --> 00:36:47,519

in all respects Peter claimed simply

764

00:36:45,449 --> 00:36:49,139

slipping this box of crystals and

765

00:36:47,519 --> 00:36:51,719

magnets under the bonnet would make a

766

00:36:49,139 --> 00:36:54,299

car run better and wanted to include it

767

00:36:51,719 --> 00:36:57,179

in the whole denbrock Commodore General

768

00:36:54,300 --> 00:36:59,400

Motors slammed on the brakes there were

769

00:36:57,179 --> 00:37:00,750

many concerns the company claims but the

770

00:36:59,400 --> 00:37:03,990
one which brought the issue to a head

771
00:37:00,750 --> 00:37:06,440
was the energy polarizer Holden says had

772
00:37:03,989 --> 00:37:09,750
no choice but to sever the relationship

773
00:37:06,440 --> 00:37:13,079
well eyes pre naive and I just sort of

774
00:37:09,750 --> 00:37:15,090
guess I thought oh well I know this is

775
00:37:13,079 --> 00:37:17,819
so therefore the risk the world must

776
00:37:15,090 --> 00:37:19,410
know it's so and I just tried to impose

777
00:37:17,820 --> 00:37:21,170
my will and pilot others I suppose which

778
00:37:19,409 --> 00:37:23,369
is always a great mistake to make

779
00:37:21,170 --> 00:37:25,289
certainly love arrogance in doing that

780
00:37:23,369 --> 00:37:27,869
you still believe you were right though

781
00:37:25,289 --> 00:37:30,929
don't you oh cool see I mean you you

782
00:37:27,869 --> 00:37:32,609
know when you onto something and you

783
00:37:30,929 --> 00:37:34,699
know that particular principle is now

784
00:37:32,610 --> 00:37:38,160

used very successfully the number of

785

00:37:34,699 --> 00:37:40,469

appliances which people by user rather

786

00:37:38,159 --> 00:37:42,359

homes such as water purifiers and things

787

00:37:40,469 --> 00:37:44,639

like that but you know that was ten

788

00:37:42,360 --> 00:37:48,680

years ago and well you know they say

789

00:37:44,639 --> 00:37:51,480

their part is I got eaten by the natives

790

00:37:48,679 --> 00:37:54,839

so I bring this to your attention partly

791

00:37:51,480 --> 00:37:57,269

to illustrate what a great resource

792

00:37:54,840 --> 00:37:59,039

there is for you waiting at the

793

00:37:57,269 --> 00:38:02,009

Australian skeptics website skeptics

794

00:37:59,039 --> 00:38:05,250

calm today you if you just use the

795

00:38:02,010 --> 00:38:08,730

search box at the top right you can

796

00:38:05,250 --> 00:38:13,320

search through what is it now must be

797

00:38:08,730 --> 00:38:15,360

coming up to 36 35 36 years of research

798

00:38:13,320 --> 00:38:19,140

and work and interviews and items and

799
00:38:15,360 --> 00:38:21,300
reports all at your fingertips and also

800
00:38:19,139 --> 00:38:24,359
to let you know that this orgone energy

801
00:38:21,300 --> 00:38:28,070
is still an ongoing thing in this

802
00:38:24,360 --> 00:38:31,860
country you can still buy orgone devices

803
00:38:28,070 --> 00:38:34,470
one of which i've discovered is the Geo

804
00:38:31,860 --> 00:38:36,000
cleanse and a quote directly from the

805
00:38:34,469 --> 00:38:37,359
website of the people selling this

806
00:38:36,000 --> 00:38:40,239
device to

807
00:38:37,360 --> 00:38:42,280
activate the Geo cleanse simply plug it

808
00:38:40,239 --> 00:38:45,639
into any power point and turn on the

809
00:38:42,280 --> 00:38:50,350
switch geo cleanse does not use any

810
00:38:45,639 --> 00:38:53,170
power at them you need only 10 cleanse

811
00:38:50,349 --> 00:38:56,489
per property it's designed is compact in

812
00:38:53,170 --> 00:39:00,430
size making it portable for traveling or

813
00:38:56,489 --> 00:39:02,549
taking to work and quote it goes on to

814
00:39:00,429 --> 00:39:05,799
say the Geo cleanses a negative charge

815
00:39:02,550 --> 00:39:08,440
residents pure orgone residents p o our

816
00:39:05,800 --> 00:39:12,310
field generator designed to balance

817
00:39:08,440 --> 00:39:15,610
positive charge residents deadly orgone

818
00:39:12,309 --> 00:39:18,820
residents do are otherwise known as a

819
00:39:15,610 --> 00:39:24,640
noxious unhealthy energy created by all

820
00:39:18,820 --> 00:39:27,400
forms of EMR RF Wi-Fi earth and

821
00:39:24,639 --> 00:39:29,650
interdimensional radiation to a

822
00:39:27,400 --> 00:39:34,389
potentially healthier negative charge

823
00:39:29,650 --> 00:39:35,530
residence p o r and that reminds me of

824
00:39:34,389 --> 00:39:37,719
something i said a couple of years ago

825
00:39:35,530 --> 00:39:41,640
on the skeptic zone you can't make this

826
00:39:37,719 --> 00:39:44,109
stuff up but somebody did so with the

827

00:39:41,639 --> 00:39:46,690
10th anniversary of the passing of peter

828
00:39:44,110 --> 00:39:50,200
brock it's given us an opportunity not

829
00:39:46,690 --> 00:39:51,730
only to look at orgone energy but to

830
00:39:50,199 --> 00:39:53,949
illustrate what a great resource is

831
00:39:51,730 --> 00:39:58,480
waiting for you at skeptics comdata you

832
00:39:53,949 --> 00:40:01,269
if you are researching paranormal

833
00:39:58,480 --> 00:40:05,969
skeptical items of interest going back

834
00:40:01,269 --> 00:40:05,969
many years a link in the show notes

835
00:40:26,498 --> 00:40:30,738
astronomy cast it takes a fact space

836
00:40:28,849 --> 00:40:32,630
journey through the cosmos as it offers

837
00:40:30,739 --> 00:40:35,329
listeners weekly discussions on

838
00:40:32,630 --> 00:40:38,239
astronomical topics ranging from planets

839
00:40:35,329 --> 00:40:40,548
to cosmology hosted by Fraser Cain of

840
00:40:38,239 --> 00:40:41,539
Universe Today and myself dr. Pamela

841
00:40:40,548 --> 00:40:44,210

gave southern illinois university

842

00:40:41,539 --> 00:40:46,099

edwardsville this show brings the

843

00:40:44,210 --> 00:40:48,528

questions of an avid astronomy lover

844

00:40:46,099 --> 00:40:50,630

directly to an astronomer together

845

00:40:48,528 --> 00:40:52,159

Fraser and I explore what is known and

846

00:40:50,630 --> 00:40:54,920

being discovered about the universe

847

00:40:52,159 --> 00:40:56,989

around us join us each week as we take a

848

00:40:54,920 --> 00:41:12,588

fax space journey through the cosmos at

849

00:40:56,989 --> 00:41:13,880

astronomy cast calm we use on the

850

00:41:12,588 --> 00:41:16,009

skeptics and we've been telling you

851

00:41:13,880 --> 00:41:18,410

about the antics of de flying monkeys

852

00:41:16,009 --> 00:41:22,039

the flying monkeys otherwise known as

853

00:41:18,409 --> 00:41:23,960

the various anti-vaccination groups most

854

00:41:22,039 --> 00:41:28,009

famous amongst these of course is the

855

00:41:23,960 --> 00:41:31,909

Australian vaccination skeptics network

856
00:41:28,009 --> 00:41:34,248
well it seems that some people involved

857
00:41:31,909 --> 00:41:37,389
in the general anti-vaccination movement

858
00:41:34,248 --> 00:41:40,788
have really outdone themselves this time

859
00:41:37,389 --> 00:41:42,288
and and always the temptation is to put

860
00:41:40,789 --> 00:41:45,380
your opponent down as not being very

861
00:41:42,289 --> 00:41:47,599
bright in any situation you're obviously

862
00:41:45,380 --> 00:41:50,119
smarter than they are your side is

863
00:41:47,599 --> 00:41:51,528
better than that side your argument is

864
00:41:50,119 --> 00:41:53,989
obviously better than the other argument

865
00:41:51,528 --> 00:41:58,789
because you're in it can be the thinking

866
00:41:53,989 --> 00:42:01,670
in this case however in this case well

867
00:41:58,789 --> 00:42:04,970
I'll read on and you'll see what I mean

868
00:42:01,670 --> 00:42:08,749
and this comes to us from Jane Hansen

869
00:42:04,969 --> 00:42:11,719
and it appears in Daily Telegraph calm

870
00:42:08,748 --> 00:42:16,209
today you published on the 6th November

871
00:42:11,719 --> 00:42:19,730
2016 anti-vaxxers wrongly identified

872
00:42:16,210 --> 00:42:23,199
Byron Bay physiotherapist as Pro

873
00:42:19,730 --> 00:42:26,659
vaccination blogger Peter tienen is

874
00:42:23,199 --> 00:42:27,108
being bombarded by threatening calls and

875
00:42:26,659 --> 00:42:29,929
messages

876
00:42:27,108 --> 00:42:33,348
from anti-vaccination activists and

877
00:42:29,929 --> 00:42:36,710
fears quote one absolute nutter men

878
00:42:33,349 --> 00:42:39,400
quote could attack him or his family all

879
00:42:36,710 --> 00:42:42,470
because some activists think he is

880
00:42:39,400 --> 00:42:44,660
reasonable Hank a pro vaccination

881
00:42:42,469 --> 00:42:47,748
blogger who has been enraging the

882
00:42:44,659 --> 00:42:50,298
anti-vaxxers for years the problem is

883
00:42:47,748 --> 00:42:52,608
mr. Tiernan a 51 year old

884

00:42:50,298 --> 00:42:56,239
physiotherapist who works in the Byron

885
00:42:52,608 --> 00:42:58,460
Shire is not reasonable Hank and has

886
00:42:56,239 --> 00:43:00,769
never been quote it started with a

887
00:42:58,460 --> 00:43:03,619
message on facebook messenger to my wife

888
00:43:00,768 --> 00:43:06,558
that they needed to discuss something

889
00:43:03,619 --> 00:43:09,528
about her husband then it was phone

890
00:43:06,559 --> 00:43:11,720
calls at work they were sending private

891
00:43:09,528 --> 00:43:14,929
messages to me with my profile picture

892
00:43:11,719 --> 00:43:18,679
saying we know who you are and where I

893
00:43:14,929 --> 00:43:20,480
live and where my kids go to school they

894
00:43:18,679 --> 00:43:22,998
sent messages knowing the day I head off

895
00:43:20,480 --> 00:43:26,028
from work and they have called my work

896
00:43:22,998 --> 00:43:28,969
I've gone to the police but they are not

897
00:43:26,028 --> 00:43:31,518
interested I've had lots of calls with

898
00:43:28,969 --> 00:43:33,858

numbers withheld one woman said they had

899

00:43:31,518 --> 00:43:36,048

been around to my house and they say

900

00:43:33,858 --> 00:43:39,288

they're going to expose me but it's a

901

00:43:36,048 --> 00:43:41,119

monumental case of mistaken identity but

902

00:43:39,289 --> 00:43:44,690

that's the quality of their research and

903

00:43:41,119 --> 00:43:46,999

quote mr. teen and sent mr. Tiernan has

904

00:43:44,690 --> 00:43:50,210

taken down his facebook page and changed

905

00:43:46,998 --> 00:43:52,308

his phone number quote all it takes is

906

00:43:50,210 --> 00:43:55,670

one absolute nutter to believe all this

907

00:43:52,309 --> 00:43:58,460

stuff in quote mr. teen and said the man

908

00:43:55,670 --> 00:44:01,818

the anti-vaxxers wanted to target was

909

00:43:58,460 --> 00:44:04,548

Peter Tierney not tienen who lives about

910

00:44:01,818 --> 00:44:07,788

a thousand kilometres away mr. Tierney

911

00:44:04,548 --> 00:44:09,048

also known as a reasonable Hank has been

912

00:44:07,789 --> 00:44:11,059

a thorn in the side of the

913
00:44:09,048 --> 00:44:14,358
anti-vaccination movement for years

914
00:44:11,059 --> 00:44:16,460
blogging and exposing the cruel trolling

915
00:44:14,358 --> 00:44:19,818
of bereave parents alerting authorities

916
00:44:16,460 --> 00:44:22,159
to fraudulent behavior and most recently

917
00:44:19,818 --> 00:44:24,920
outing nurses who are spreading

918
00:44:22,159 --> 00:44:27,768
anti-vaccination miss information in

919
00:44:24,920 --> 00:44:29,509
hospitals which has led to the nursing

920
00:44:27,768 --> 00:44:31,848
and midwifery Board of Australia

921
00:44:29,509 --> 00:44:33,498
clamping down on such nurses for his

922
00:44:31,849 --> 00:44:36,048
trouble mr. Tierney has received

923
00:44:33,498 --> 00:44:38,480
hundreds of death threats while

924
00:44:36,048 --> 00:44:39,559
anti-vaxxers have tried for years to

925
00:44:38,480 --> 00:44:42,289
unearth him

926
00:44:39,559 --> 00:44:44,539
the group anti-vaccination Australia

927
00:44:42,289 --> 00:44:47,420
thought they hit pay dirt when they

928
00:44:44,539 --> 00:44:49,880
stumbled across Peter tieren a Byron

929
00:44:47,420 --> 00:44:52,099
bathe physiotherapist who although Pro

930
00:44:49,880 --> 00:44:54,680
vaccination has never stuck up his head

931
00:44:52,099 --> 00:44:56,900
on the issue one well-known and evac sir

932
00:44:54,679 --> 00:44:59,028
Belgian coleg pronounced on the

933
00:44:56,900 --> 00:45:00,858
anti-vaccination Australia facebook site

934
00:44:59,028 --> 00:45:04,039
under the heading urgent public

935
00:45:00,858 --> 00:45:05,478
announcement quote we give great

936
00:45:04,039 --> 00:45:07,430
pleasure in announcing that after

937
00:45:05,478 --> 00:45:10,578
several weeks of Investigation we have

938
00:45:07,429 --> 00:45:12,558
found and located reasonable Hank we

939
00:45:10,579 --> 00:45:15,079
urge all people from byron bay to be

940
00:45:12,559 --> 00:45:17,809
aware that he does work at the ballon a

941

00:45:15,079 --> 00:45:19,849
hospital and is unfortunately in the

942
00:45:17,809 --> 00:45:22,219
heart of most of us anti-vaxxers

943
00:45:19,849 --> 00:45:25,579
reporting and vilifying us for the last

944
00:45:22,219 --> 00:45:28,278
seven years we are now in the process of

945
00:45:25,579 --> 00:45:30,859
organizing a class action against him in

946
00:45:28,278 --> 00:45:33,798
quote the post was accompanied by photos

947
00:45:30,858 --> 00:45:36,650
of peter tienen and his wife sydney

948
00:45:33,798 --> 00:45:39,650
naturopath brett smith wrote on his blog

949
00:45:36,650 --> 00:45:41,989
quote now like most effective farmer

950
00:45:39,650 --> 00:45:44,719
trolls and cowards of course he had to

951
00:45:41,989 --> 00:45:47,958
remain anonymous you can't spend your

952
00:45:44,719 --> 00:45:50,599
entire life slandering all those poor

953
00:45:47,958 --> 00:45:52,149
vaccine damaged families and also have

954
00:45:50,599 --> 00:45:55,910
the courage to do it under your own name

955
00:45:52,150 --> 00:45:58,489

so no Hank in a crafty bit of words Minh

956

00:45:55,909 --> 00:46:02,568

ship altered his name from Peter tienen

957

00:45:58,489 --> 00:46:05,119

to Peter Tierney nice one shank nudge

958

00:46:02,568 --> 00:46:07,579

nudge wink wink and quote he later told

959

00:46:05,119 --> 00:46:11,719

The Sunday Telegraph he stood by his

960

00:46:07,579 --> 00:46:14,359

investigative skills quote I've got the

961

00:46:11,719 --> 00:46:17,449

right man poor Hank he has no idea i've

962

00:46:14,358 --> 00:46:20,328

spoken with both people you can quote me

963

00:46:17,449 --> 00:46:22,459

on that in quote mr. Smith said mr.

964

00:46:20,329 --> 00:46:24,650

tierney also known as reasonable Hank

965

00:46:22,458 --> 00:46:27,379

said he had chosen to remain anonymous

966

00:46:24,650 --> 00:46:29,358

for good reason quote very deliberately

967

00:46:27,380 --> 00:46:31,519

there are no public photographs of me

968

00:46:29,358 --> 00:46:34,458

because the threats have escalated over

969

00:46:31,518 --> 00:46:37,068

the years in quote he said quote one man

970
00:46:34,458 --> 00:46:39,379
said I'm going to come and kill your

971
00:46:37,068 --> 00:46:41,028
whole family another said he was going

972
00:46:39,380 --> 00:46:44,150
to strangle me and others have said

973
00:46:41,028 --> 00:46:46,248
guess what we know where you live now

974
00:46:44,150 --> 00:46:49,338
they are sending messages to my inbox

975
00:46:46,248 --> 00:46:51,919
including a photo of Peter tenon have

976
00:46:49,338 --> 00:46:53,000
sent that as a threat to say we know

977
00:46:51,920 --> 00:46:56,090
what you look like

978
00:46:53,000 --> 00:46:59,150
I'm speechless and how stupid they are

979
00:46:56,090 --> 00:47:01,460
but it's taken a sinister turn and they

980
00:46:59,150 --> 00:47:03,230
don't care about verifying facts but

981
00:47:01,460 --> 00:47:05,360
they have singled out a completely

982
00:47:03,230 --> 00:47:08,119
innocent man in his family and quote

983
00:47:05,360 --> 00:47:11,240
there is no suggestion that either mr.

984
00:47:08,119 --> 00:47:13,940
Smith or miss coleg have made these sort

985
00:47:11,239 --> 00:47:16,759
of threats to either mr. teeny or mr.

986
00:47:13,940 --> 00:47:18,889
teen and when asked if they knew they

987
00:47:16,760 --> 00:47:21,830
had the wrong person and why they were

988
00:47:18,889 --> 00:47:25,730
publicly toggling the wrong Peter Misek

989
00:47:21,829 --> 00:47:28,400
olek said the threats were quote esa in

990
00:47:25,730 --> 00:47:29,840
quote and that quote you have all the

991
00:47:28,400 --> 00:47:32,990
screenshots but you haven't got your

992
00:47:29,840 --> 00:47:35,420
facts right and quote on Friday mr. Cole

993
00:47:32,989 --> 00:47:37,809
AG and mr. Smith pledged to vaccinate

994
00:47:35,420 --> 00:47:41,030
their kids if they were proved wrong

995
00:47:37,809 --> 00:47:43,699
quote if you prove us wrong and you're

996
00:47:41,030 --> 00:47:45,680
not Peter teen and me and brett Smith

997
00:47:43,699 --> 00:47:47,449
are making an official announcement that

998

00:47:45,679 --> 00:47:49,190
we are going to vaccinate our children

999
00:47:47,449 --> 00:47:52,639
and retire from the movement end quote

1000
00:47:49,190 --> 00:47:55,490
the post read police are investigating

1001
00:47:52,639 --> 00:47:59,509
the threats thank you to Jane Hansen for

1002
00:47:55,489 --> 00:48:01,159
that report I will keep you posted when

1003
00:47:59,510 --> 00:48:04,340
more developments come to hand it's

1004
00:48:01,159 --> 00:48:07,429
going to be interesting to see what the

1005
00:48:04,340 --> 00:48:09,380
ramifications are and if these people

1006
00:48:07,429 --> 00:48:12,409
whoever they are ultimately responsible

1007
00:48:09,380 --> 00:48:14,890
are prosecuted a link in this week's

1008
00:48:12,409 --> 00:48:14,889
show notes

1009
00:48:39,420 --> 00:48:46,150
hey Richard oh hi Trish hi Wow would you

1010
00:48:44,440 --> 00:48:48,340
like a coffee yeah thanks what you're

1011
00:48:46,150 --> 00:48:50,740
working on trying to come up with a new

1012
00:48:48,340 --> 00:48:53,530

promo to play on the skeptic zone here's

1013

00:48:50,739 --> 00:48:55,959

it for the good thinking society in the

1014

00:48:53,530 --> 00:48:58,300

UK you know Michael Marshall Simon Singh

1015

00:48:55,960 --> 00:49:00,070

Nora Thomas and that cloud oh yeah I

1016

00:48:58,300 --> 00:49:02,580

know them they've been doing some great

1017

00:49:00,070 --> 00:49:05,500

work investigating veterinary homeopathy

1018

00:49:02,579 --> 00:49:07,929

vetri homeopathy wait you sugarpill this

1019

00:49:05,500 --> 00:49:09,219

for cows I know right and also they're

1020

00:49:07,929 --> 00:49:12,009

looking at some of the dodgy medical

1021

00:49:09,219 --> 00:49:13,629

advice given by UK chiropractors really

1022

00:49:12,010 --> 00:49:17,380

okay look I'll mention all that in the

1023

00:49:13,630 --> 00:49:21,340

promo now their website is good thinking

1024

00:49:17,380 --> 00:49:23,019

society com and they've recently been

1025

00:49:21,340 --> 00:49:24,700

reporting on the resurgence of faith

1026

00:49:23,019 --> 00:49:27,039

healer peter Popoff you know Popeye

1027
00:49:24,699 --> 00:49:30,329
right okay look thanks to that it gives

1028
00:49:27,039 --> 00:49:30,329
me something good to think about

1029
00:49:42,079 --> 00:49:49,440
they give a listening to the skeptic

1030
00:49:44,309 --> 00:49:53,759
zone and good heavens that last story of

1031
00:49:49,440 --> 00:49:56,929
the appalling stupidity arrogance of the

1032
00:49:53,760 --> 00:50:01,050
conspiracy theorists the anti-vaxxers

1033
00:49:56,929 --> 00:50:03,210
more about that soon I'm sure there will

1034
00:50:01,050 --> 00:50:05,519
be more there'll be ramifications and

1035
00:50:03,210 --> 00:50:07,500
we'll keep you up to date and if you

1036
00:50:05,519 --> 00:50:09,509
want to be kept up to date on many

1037
00:50:07,500 --> 00:50:11,338
things and you're in Australia don't

1038
00:50:09,510 --> 00:50:12,869
forget the Australian skeptics national

1039
00:50:11,338 --> 00:50:14,969
convention is coming up at the end of

1040
00:50:12,869 --> 00:50:16,769
this month link at the show notes or

1041
00:50:14,969 --> 00:50:18,088
just google Australian skeptics National

1042
00:50:16,769 --> 00:50:21,358
Convention you'll find out more about

1043
00:50:18,088 --> 00:50:23,369
that of course I'll be appearing in New

1044
00:50:21,358 --> 00:50:25,619
Zealand in a few weeks at their national

1045
00:50:23,369 --> 00:50:27,630
conference again link on the show notes

1046
00:50:25,619 --> 00:50:29,670
and if you're in New Zealand it would be

1047
00:50:27,630 --> 00:50:31,769
great to see you the conference will be

1048
00:50:29,670 --> 00:50:34,530
in Queenstown at the beginning of

1049
00:50:31,769 --> 00:50:37,199
december thanks to those people who keep

1050
00:50:34,530 --> 00:50:40,109
asking me how the skeptics own kittens

1051
00:50:37,199 --> 00:50:41,789
are well I don't know how long a kitten

1052
00:50:40,108 --> 00:50:44,098
as a kitten before it becomes a cat but

1053
00:50:41,789 --> 00:50:46,559
I think they're cats now Henrietta

1054
00:50:44,099 --> 00:50:49,068
weighed in today at four point five

1055

00:50:46,559 --> 00:50:52,500
kilos and maude weighed in at four kilos

1056
00:50:49,068 --> 00:50:53,818
so they're not little kittens anymore we

1057
00:50:52,500 --> 00:50:56,480
might have to interview them next week

1058
00:50:53,818 --> 00:50:58,619
on the show see what their opinions are

1059
00:50:56,480 --> 00:51:00,329
thank you to all those people who came

1060
00:50:58,619 --> 00:51:02,280
along to skeptics in the pub just the

1061
00:51:00,329 --> 00:51:04,560
other night it was fabulous it was

1062
00:51:02,280 --> 00:51:06,599
packed we had a huge turnout here in

1063
00:51:04,559 --> 00:51:11,190
Sydney for skeptics in the pub where we

1064
00:51:06,599 --> 00:51:13,579
enjoy to talk about nigerian scammers

1065
00:51:11,190 --> 00:51:16,500
and things like that how people can be

1066
00:51:13,579 --> 00:51:17,940
sucked in how they're gullible now some

1067
00:51:16,500 --> 00:51:20,489
people can be gullible to these sort of

1068
00:51:17,940 --> 00:51:23,400
scams and if you want to be kept abreast

1069
00:51:20,489 --> 00:51:27,259

of goings-on with the local scene here

1070

00:51:23,400 --> 00:51:31,260

in sydney i suggest you go to meetup com

1071

00:51:27,260 --> 00:51:33,810

/a ust skeptics aust skeptics sign up

1072

00:51:31,260 --> 00:51:35,910

there and you will be kept up to date

1073

00:51:33,809 --> 00:51:39,750

when their announcements to be made

1074

00:51:35,909 --> 00:51:42,420

though will appear and you can reserve

1075

00:51:39,750 --> 00:51:45,929

your place at the pub then just between

1076

00:51:42,420 --> 00:51:47,909

you and me early next year we have a

1077

00:51:45,929 --> 00:51:50,159

pretty big name appearing at skeptics in

1078

00:51:47,909 --> 00:51:52,078

the pub so that's probably a wise thing

1079

00:51:50,159 --> 00:51:53,699

to do is to put yourself down on the

1080

00:51:52,079 --> 00:51:57,060

meetup list so you get advanced

1081

00:51:53,699 --> 00:51:58,469

notification I certainly will thank you

1082

00:51:57,059 --> 00:52:00,570

to all those people who said hello to me

1083

00:51:58,469 --> 00:52:01,949

at the origami convention last week here

1084
00:52:00,570 --> 00:52:04,320
in Sydney that was a great time had a

1085
00:52:01,949 --> 00:52:07,139
wonderful time and I gave a lesson in

1086
00:52:04,320 --> 00:52:09,360
how to fold the Flying Pig Pegasus if

1087
00:52:07,139 --> 00:52:10,949
you want to learn how to fly a fly that

1088
00:52:09,360 --> 00:52:14,610
would be fun if you want to learn how to

1089
00:52:10,949 --> 00:52:16,619
fold your own flying pig the James Randi

1090
00:52:14,610 --> 00:52:18,630
Educational Foundation that their logo

1091
00:52:16,619 --> 00:52:22,619
the flying pig because us just Google

1092
00:52:18,630 --> 00:52:24,780
Pegasus and origami or go to youtube and

1093
00:52:22,619 --> 00:52:26,789
look up for origami Pegasus and you'll

1094
00:52:24,780 --> 00:52:29,130
find me giving instructions there video

1095
00:52:26,789 --> 00:52:30,989
instructions but now with the bird still

1096
00:52:29,130 --> 00:52:32,880
singing outside the window flying past

1097
00:52:30,989 --> 00:52:35,009
occasionally which amuses the skeptics

1098
00:52:32,880 --> 00:52:41,970
own cats this is Richard Saunders

1099
00:52:35,010 --> 00:52:43,590
signing off from Sydney Australia you've

1100
00:52:41,969 --> 00:52:47,159
been listening to the skeptics own

1101
00:52:43,590 --> 00:52:50,100
podcast visit our website at wwc a

1102
00:52:47,159 --> 00:52:53,519
petting zoo TV for contacts an archive

1103
00:52:50,099 --> 00:52:56,219
of all episodes since 2008 and our

1104
00:52:53,519 --> 00:52:58,130
online store please support the skeptic

1105
00:52:56,219 --> 00:53:01,319
zone by following us on twitter at

1106
00:52:58,130 --> 00:53:04,950
skeptic zone liking us on facebook and

1107
00:53:01,320 --> 00:53:07,110
leaving a review on iTunes you can also

1108
00:53:04,949 --> 00:53:10,279
show your support by subscribing via

1109
00:53:07,110 --> 00:53:13,050
paypal for as little as 99 cents a week

1110
00:53:10,280 --> 00:53:14,670
the skeptic zone is an independent

1111
00:53:13,050 --> 00:53:17,130
production the views and opinions

1112

00:53:14,670 --> 00:53:18,750
expressed on the skeptic zone and not

1113
00:53:17,130 --> 00:53:21,630
necessarily those of Australian

1114
00:53:18,750 --> 00:53:24,440
skeptically or any other skeptical

1115
00:53:21,630 --> 00:53:24,440
organization

1116
00:53:31,690 --> 00:53:45,260
if you mean quiet Oh get closer where is

1117
00:53:39,980 --> 00:53:48,380
it here yeah this is me this is the

1118
00:53:45,260 --> 00:53:50,600
skeptics own podcast no wait no I'm the

1119
00:53:48,380 --> 00:53:53,450
skeptics own podcast and Europe no wait

1120
00:53:50,599 --> 00:53:55,519
I wait I'm George Rob and the skeptics

1121
00:53:53,449 --> 00:53:59,289
own podcast is listening to me no wait

1122
00:53:55,519 --> 00:54:08,599
the skeptics out podcasting is cool for

1123
00:53:59,289 --> 00:54:09,889
koalas skeptic zone is potting hi this

1124
00:54:08,599 --> 00:54:24,799
is George Rob and you're listening to

1125
00:54:09,889 --> 00:54:26,539
the skeptic zone podcast well he hasn't

1126
00:54:24,800 --> 00:54:28,870

commented yet maybe it hasn't made it

1127

00:54:26,539 --> 00:54:28,869

all the way across