

**THE
SKEPTIC
ZONE
PODCAST**

www.skepticzone.tv

1
00:00:10,690 --> 00:00:01,910
hi this is George Rob and you're

2
00:00:27,460 --> 00:00:13,850
welcome to the skeptic zone the podcast

3
00:00:34,729 --> 00:00:29,990
hello and welcome to the skeptic zone

4
00:00:37,430 --> 00:00:34,739
episode number 420 420 for the sixth of

5
00:00:40,970 --> 00:00:37,440
November 2016 Richard Saunders here with

6
00:00:43,639 --> 00:00:40,980
you from sunny sunny sunny skies are

7
00:00:45,830 --> 00:00:43,649
blue sunny sydney australia and i can

8
00:00:49,150 --> 00:00:45,840
maybe you can too i can hear the birds

9
00:00:53,330 --> 00:00:49,160
singing outside their rainbow lorikeets

10
00:00:55,279 --> 00:00:53,340
yes wait and some um cockatoos thrown in

11
00:00:58,069 --> 00:00:55,289
for good measure or bad measure they can

12
00:01:00,439 --> 00:00:58,079
be destructive beasties cockatoos the

13
00:01:04,210 --> 00:01:00,449

rainbow lorikeets and the cockatoos are

14

00:01:07,070 --> 00:01:04,220

singing outside in the glorious sunshine

15

00:01:08,390 --> 00:01:07,080

we should just all run outside now and

16

00:01:10,969 --> 00:01:08,400

just enjoy the day instead of listening

17

00:01:12,500 --> 00:01:10,979

to the skeptic zone hmm now I don't

18

00:01:16,460 --> 00:01:12,510

think that'll work in fact do both yes

19

00:01:18,380 --> 00:01:16,470

you can put your headphones on and run

20

00:01:20,780 --> 00:01:18,390

outside enjoy the glorious day and

21

00:01:22,280 --> 00:01:20,790

listen to the skeptic zone unless where

22

00:01:25,609 --> 00:01:22,290

you are in the world is miserable

23

00:01:27,469 --> 00:01:25,619

weather then stay inside and listen to

24

00:01:30,920 --> 00:01:27,479

the skeptics own or you can go for a

25

00:01:33,770 --> 00:01:30,930

drive or maybe you're in the the bus or

26

00:01:36,950 --> 00:01:33,780

the train wherever you are what if he's

27

00:01:39,969 --> 00:01:36,960

doing welcome to the skeptic zone today

28

00:01:43,550 --> 00:01:39,979

special guest is dr. Kyle korzeniewski

29

00:01:47,810 --> 00:01:43,560

from now well from the recent past in

30

00:01:49,130 --> 00:01:47,820

fact QED where our reporter and the

31

00:01:50,929 --> 00:01:49,140

president of Australian skeptics are

32

00:01:53,179 --> 00:01:50,939

answer give interviewed dr. Carl

33

00:01:56,660 --> 00:01:53,189

cruising whisky who was a guest at QD

34

00:02:00,109 --> 00:01:56,670

and dr. Carl from the past in fact a

35

00:02:02,660 --> 00:02:00,119

quarter of a century ago where Maynard

36

00:02:06,499 --> 00:02:02,670

interviews dr. Carlin dr. Carl takes him

37

00:02:10,040 --> 00:02:06,509

talk back we've unearthed undone undone

38

00:02:13,610 --> 00:02:10,050

dug up a short clip of dr. Carl and

39

00:02:16,220 --> 00:02:13,620

Maynard from 1991

40

00:02:19,580 --> 00:02:16,230

hard to believe anyway I'm sure you'll

41

00:02:22,550 --> 00:02:19,590

enjoy both dr. Carl crews will miss keys

42

00:02:24,949 --> 00:02:22,560

today on the skeptic zone following the

43

00:02:27,410 --> 00:02:24,959

interviews with dr. Cole's if I can put

44

00:02:28,640 --> 00:02:27,420

it that way some great news from Heidi

45

00:02:31,039 --> 00:02:28,650

Robinson and the Northern Rivers

46

00:02:34,490 --> 00:02:31,049

vaccination supporters the group has

47

00:02:37,420 --> 00:02:34,500

been recognized by the who the World

48

00:02:41,119 --> 00:02:37,430

Health Organization or the WHO and the

49

00:02:42,860 --> 00:02:41,129

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

50

00:02:44,470 --> 00:02:42,870

i delighted with Heidi Robinson and the

51
00:02:48,619 --> 00:02:44,480
Northern Rivers vaccination supporters

52
00:02:51,530 --> 00:02:48,629
news from Heidi about that inclusion of

53
00:02:54,500 --> 00:02:51,540
the website from the Northern Rivers

54
00:02:56,539 --> 00:02:54,510
vaccination supporters at the who coming

55
00:02:58,550 --> 00:02:56,549
up in the middle of the show well done

56
00:03:00,559 --> 00:02:58,560
Heidi and well done everybody at that

57
00:03:02,500 --> 00:03:00,569
group then we have an interesting story

58
00:03:06,080 --> 00:03:02,510
sort of look back into the past

59
00:03:10,030 --> 00:03:06,090
something called all on energy all gone

60
00:03:15,130 --> 00:03:10,040
folks a really bizarre form of new-age

61
00:03:19,460 --> 00:03:15,140
pretend I ng pretend fictitious fantasy

62
00:03:20,839 --> 00:03:19,470
supposed made up one day I'm going to

63
00:03:23,990 --> 00:03:20,849

have a thesaurus here next to me on the

64

00:03:25,099 --> 00:03:24,000

desk all gone energy and we are thinking

65

00:03:28,789 --> 00:03:25,109

about orgone energy at the moment

66

00:03:30,559 --> 00:03:28,799

because just recently Australia noticed

67

00:03:32,300 --> 00:03:30,569

the 10th anniversary of the death of

68

00:03:35,119 --> 00:03:32,310

peter brock a very famous racing car

69

00:03:38,300 --> 00:03:35,129

driver who unfortunately was sucked in

70

00:03:41,780 --> 00:03:38,310

by orgone energy or claims of it and

71

00:03:44,240 --> 00:03:41,790

tried to fit magical boxes two cars to

72

00:03:46,250 --> 00:03:44,250

make them go faster coming up a bit

73

00:03:50,449 --> 00:03:46,260

later on in the show then to round off

74

00:03:54,229 --> 00:03:50,459

the show a startling story about what we

75

00:03:58,330 --> 00:03:54,239

can call rank stupidity I guess where

76
00:04:01,759 --> 00:03:58,340
the flying monkeys the anti-vaxxers have

77
00:04:04,490 --> 00:04:01,769
singled out the wrong person they're

78
00:04:07,430 --> 00:04:04,500
trying to target reasonable Hank now we

79
00:04:09,319 --> 00:04:07,440
mention reasonable Hank lots here on the

80
00:04:12,349 --> 00:04:09,329
skeptic zone we refer to his blog and

81
00:04:13,849 --> 00:04:12,359
various other guys remember locate we

82
00:04:16,129 --> 00:04:13,859
refer to his blog and various things

83
00:04:20,029 --> 00:04:16,139
he's doing well the anti-vaxxers are

84
00:04:23,600 --> 00:04:20,039
livid they hate reasonable Hank and some

85
00:04:26,510 --> 00:04:23,610
of them thought they discovered where he

86
00:04:27,379 --> 00:04:26,520
lived and have been sending abusive

87
00:04:31,100 --> 00:04:27,389
emails and for

88
00:04:33,980 --> 00:04:31,110

cause and things like that but they have

89

00:04:38,179 --> 00:04:33,990

picked on the wrong person an innocent

90

00:04:39,649 --> 00:04:38,189

man and his family they are so stupid

91

00:04:42,019 --> 00:04:39,659

and they're boasting about how they

92

00:04:44,570 --> 00:04:42,029

found reasonable Hank you won't believe

93

00:04:59,330 --> 00:04:44,580

this story they're so stupid I have to

94

00:05:01,969 --> 00:04:59,340

walk outside that's how stupid they are

95

00:05:04,070 --> 00:05:01,979

I had to go outside to say it I meant

96

00:05:05,420 --> 00:05:04,080

even that stupid anyway coming up at the

97

00:05:08,269 --> 00:05:05,430

end of the show we have a report from

98

00:05:14,029 --> 00:05:08,279

Jane Hansen who is written about this

99

00:05:16,279 --> 00:05:14,039

story the the absolutely colossal case

100

00:05:19,100 --> 00:05:16,289

of bungling in competence from the

101
00:05:20,959 --> 00:05:19,110
flying monkeys the anti-vaxxers so I

102
00:05:23,240 --> 00:05:20,969
think you'll enjoy the show today a bit

103
00:05:25,309 --> 00:05:23,250
of a mixed bag as ever I like to I like

104
00:05:27,800 --> 00:05:25,319
to have a bit of variety in the skeptic

105
00:05:31,059 --> 00:05:27,810
zone but now it's time for me to go go

106
00:05:33,769 --> 00:05:31,069
outside the door again I was just behind

107
00:05:38,209 --> 00:05:33,779
run downstairs and I think i'll make up

108
00:05:44,089 --> 00:05:38,219
some it's hot day what wish I having a

109
00:05:47,450 --> 00:05:44,099
hot day nice a nice salad a Caesar salad

110
00:05:49,820 --> 00:05:47,460
there we are folks a nice Caesar salad

111
00:05:52,189 --> 00:05:49,830
why not yeah it sounds like just the

112
00:06:11,740 --> 00:05:52,199
thing will I do that I hope you enjoy

113
00:06:23,060 --> 00:06:14,530

let's all take this with a grain of salt

114

00:06:24,950 --> 00:06:23,070

seas around ticket so cold welcome to

115

00:06:27,590 --> 00:06:24,960

the skeptics am thank you dr. Vera once

116

00:06:30,500 --> 00:06:27,600

again you've just you've given a talk

117

00:06:34,100 --> 00:06:30,510

here acuity and read three talks so as

118

00:06:37,460 --> 00:06:34,110

well as to in London okay the talk you

119

00:06:39,470 --> 00:06:37,470

gave yesterday was about it was about

120

00:06:41,180 --> 00:06:39,480

great moments in science yeah that was

121

00:06:43,370 --> 00:06:41,190

the vague generic title specifically it

122

00:06:47,450 --> 00:06:43,380

was about the irrationality that we

123

00:06:48,950 --> 00:06:47,460

humans suffer from and how even when we

124

00:06:51,410 --> 00:06:48,960

think of it being irrational we still

125

00:06:53,600 --> 00:06:51,420

can get irrational and so I gave the

126

00:06:56,870 --> 00:06:53,610

example the big one that easy one is

127

00:06:59,180 --> 00:06:56,880

diets and so straight away there's a

128

00:07:01,580 --> 00:06:59,190

product that fails ninety-five percent

129

00:07:03,830 --> 00:07:01,590

of the time and does fabulously well and

130

00:07:05,960 --> 00:07:03,840

then dived off into the political bias

131

00:07:07,880 --> 00:07:05,970

that affects our thinking so that the

132

00:07:09,770 --> 00:07:07,890

people on the right for example might

133

00:07:11,930 --> 00:07:09,780

not accept the science of climate change

134

00:07:14,000 --> 00:07:11,940

the people on the Left might not accept

135

00:07:15,620 --> 00:07:14,010

the science of vaccination and then sort

136

00:07:18,440 --> 00:07:15,630

of meandered around through the world of

137

00:07:19,970 --> 00:07:18,450

irrationality for a while and also where

138

00:07:22,310 --> 00:07:19,980

you give a panel earlier which was

139

00:07:24,290 --> 00:07:22,320

basically the normal format for you of

140

00:07:27,950 --> 00:07:24,300

questions and answers is that right year

141

00:07:32,330 --> 00:07:27,960

so in the early afternoon Jose pal talk

142

00:07:35,200 --> 00:07:32,340

about bringing science awareness to this

143

00:07:39,520 --> 00:07:35,210

generation and the next generation and

144

00:07:42,580 --> 00:07:39,530

how well it works or doesn't work and

145

00:07:46,520 --> 00:07:42,590

especially the little trap you fall into

146

00:07:49,190 --> 00:07:46,530

we're at school you say hey size is all

147

00:07:50,570 --> 00:07:49,200

fun and bombs and lots of things that

148

00:07:53,240 --> 00:07:50,580

explode and they go to university and

149

00:07:54,770 --> 00:07:53,250

suddenly they fall over realizing i'm

150

00:07:57,500 --> 00:07:54,780

not having previously realized they have

151

00:08:00,620 --> 00:07:57,510

to do a lot of hard work to get those

152

00:08:02,210 --> 00:08:00,630

difficult concepts into their brain so

153

00:08:05,630 --> 00:08:02,220

the heart and things that I was sort of

154

00:08:09,070 --> 00:08:05,640

tied in with the overall problem which i

155

00:08:11,690 --> 00:08:09,080

think is a major part which is that many

156

00:08:13,100 --> 00:08:11,700

governments around the world do not

157

00:08:15,260 --> 00:08:13,110

accept

158

00:08:19,490 --> 00:08:15,270

that education is a worthwhile

159

00:08:21,080 --> 00:08:19,500

investment in the future and instead

160

00:08:24,020 --> 00:08:21,090

have gone down a different path way of

161

00:08:27,440 --> 00:08:24,030

seeing it as an intolerable and

162

00:08:32,060 --> 00:08:27,450

expensive burden on society and I gave

163

00:08:33,800 --> 00:08:32,070

the example also that in the USA the you

164

00:08:36,080 --> 00:08:33,810

know whether it's a big rise in private

165

00:08:38,120 --> 00:08:36,090

prisons that one of the best de

166

00:08:41,570 --> 00:08:38,130

terminators of how many prison cells

167

00:08:45,230 --> 00:08:41,580

you'll need in ten years is the

168

00:08:48,140 --> 00:08:45,240

illiteracy rate among the 10 and 11 year

169

00:08:51,770 --> 00:08:48,150

olds and then finally that in Australia

170

00:08:55,610 --> 00:08:51,780

for exec for certain it costs more to

171

00:08:57,620 --> 00:08:55,620

put somebody in jail than it does to put

172

00:08:59,750 --> 00:08:57,630

them into a three-star five-star hotel

173

00:09:02,660 --> 00:08:59,760

and send them to university and pay all

174

00:09:04,400 --> 00:09:02,670

their costs it's just quite disturbing

175

00:09:07,790 --> 00:09:04,410

isn't it that your know the choices that

176

00:09:10,280 --> 00:09:07,800

governments make well more and more it

177

00:09:13,820 --> 00:09:10,290

appears to me looking of the trends over

178

00:09:15,740 --> 00:09:13,830

time and it's all governments with many

179

00:09:19,100 --> 00:09:15,750

governments are becoming agents of big

180

00:09:21,980 --> 00:09:19,110

business so yeah big business might be

181

00:09:24,140 --> 00:09:21,990

pal Claire have their our own army or

182

00:09:26,840 --> 00:09:24,150

navy or Air Force but they don't have to

183

00:09:29,480 --> 00:09:26,850

if they can influence the big government

184

00:09:31,250 --> 00:09:29,490

of do the dirty work for them and so in

185

00:09:35,420 --> 00:09:31,260

this case I advise people to read the

186

00:09:40,160 --> 00:09:35,430

book merchants of doubt by Naomi Oreskes

187

00:09:42,680 --> 00:09:40,170

and she talks about the example of the

188

00:09:45,740 --> 00:09:42,690

big tobacco companies and how they went

189

00:09:49,100 --> 00:09:45,750

a lot of trouble to fund a deliberate

190

00:09:52,040 --> 00:09:49,110

and well-funded disinformation campaign

191

00:09:54,820 --> 00:09:52,050

and how they were used as an example for

192

00:09:57,440 --> 00:09:54,830

the big fossil fuel companies to run a

193

00:09:59,930 --> 00:09:57,450

well-funded and very extensive

194

00:10:02,390 --> 00:09:59,940

disinformation campaign about global

195

00:10:05,180 --> 00:10:02,400

warming and of course what she's shown

196

00:10:06,110 --> 00:10:05,190

in the in that bulk is that it's a lot

197

00:10:09,830 --> 00:10:06,120

of the same people were actually

198

00:10:12,650 --> 00:10:09,840

involved in both campaigns now call you

199

00:10:15,110 --> 00:10:12,660

obviously you're a mainstay of the

200

00:10:17,090 --> 00:10:15,120

skeptical movement you've been skeptical

201
00:10:19,720 --> 00:10:17,100
the year in the passage idea I was your

202
00:10:22,940 --> 00:10:19,730
deeply honored I'm very proud of that

203
00:10:24,329 --> 00:10:22,950
and I think that you guys are doing

204
00:10:26,730 --> 00:10:24,339
God's work

205
00:10:29,069 --> 00:10:26,740
and if there is always only God doesn't

206
00:10:31,619 --> 00:10:29,079
matter the study room yeah so so you've

207
00:10:33,929 --> 00:10:31,629
obviously attended many of our

208
00:10:37,280 --> 00:10:33,939
conferences as well and given us

209
00:10:39,389 --> 00:10:37,290
multiple talks in the past but for you

210
00:10:43,769 --> 00:10:39,399
skepticism is also something that comes

211
00:10:46,350 --> 00:10:43,779
it almost comes it I would say it's

212
00:10:47,910 --> 00:10:46,360
probably an ethical issue because you

213
00:10:51,119 --> 00:10:47,920

have actually left your profession as a

214

00:10:53,069 --> 00:10:51,129

medical doctor to promote critical

215

00:10:54,660 --> 00:10:53,079

thinking and to promote especially

216

00:10:57,780 --> 00:10:54,670

around vaccines because you saw child

217

00:11:01,079 --> 00:10:57,790

island whooping cough so the in

218

00:11:02,910 --> 00:11:01,089

Australia we had zero deaths from

219

00:11:05,220 --> 00:11:02,920

whooping coughs for 20 year and then

220

00:11:07,110 --> 00:11:05,230

suddenly we had one and I was there at

221

00:11:09,090 --> 00:11:07,120

the Kids Hospital in sydney in

222

00:11:12,929 --> 00:11:09,100

camperdown when the first kid to die

223

00:11:16,019 --> 00:11:12,939

after 20 years did die and there was no

224

00:11:20,220 --> 00:11:16,029

need for to die it was purely as a

225

00:11:22,379 --> 00:11:20,230

result of people on TV trying to sell

226

00:11:24,900 --> 00:11:22,389

more dog food therefore trying to raise

227

00:11:26,819 --> 00:11:24,910

some controversy and therefore say well

228

00:11:28,530 --> 00:11:26,829

these people here say the vaccinations

229

00:11:30,720 --> 00:11:28,540

work on these people will say that does

230

00:11:32,699 --> 00:11:30,730

it it's over to you why don't you the

231

00:11:34,530 --> 00:11:32,709

general public make a balanced decision

232

00:11:37,799 --> 00:11:34,540

of the lack of information we give you

233

00:11:42,319 --> 00:11:37,809

and so we had a drop in herd immunity

234

00:11:45,540 --> 00:11:42,329

and as a result a baby died and that

235

00:11:47,309 --> 00:11:45,550

very strongly in philosophy together to

236

00:11:50,579 --> 00:11:47,319

the media because I thought I could do

237

00:11:52,230 --> 00:11:50,589

more good there and as a result whatever

238

00:11:54,720 --> 00:11:52,240

the best job my whole life which was

239

00:11:57,269 --> 00:11:54,730

being a doctor in a kid's hospital so I

240

00:12:00,090 --> 00:11:57,279

could do more good in the community now

241

00:12:01,799 --> 00:12:00,100

on a completely different note you've

242

00:12:03,419 --> 00:12:01,809

now obviously you attended as I

243

00:12:05,400 --> 00:12:03,429

mentioned many of our conferences little

244

00:12:07,679 --> 00:12:05,410

now be you've not spoken at town in

245

00:12:09,989 --> 00:12:07,689

Vegas and you this is your first QED I

246

00:12:12,569 --> 00:12:09,999

believe first QE doing and I knew

247

00:12:14,669 --> 00:12:12,579

nothing about it was your own good

248

00:12:16,169 --> 00:12:14,679

people Richard Saunders for example who

249

00:12:18,419 --> 00:12:16,179

put me in contact with them then they

250

00:12:20,910 --> 00:12:18,429

invited me to come here I said sure and

251
00:12:23,400 --> 00:12:20,920
then jumped on a plane on Thursday

252
00:12:25,199 --> 00:12:23,410
afternoon land on friday morning did

253
00:12:27,660 --> 00:12:25,209
something in friday midday friday

254
00:12:29,160 --> 00:12:27,670
afternoon and then jumped onto a train

255
00:12:30,689 --> 00:12:29,170
and came here for saturday and sunday

256
00:12:33,059 --> 00:12:30,699
and then on monday i'll fly straight

257
00:12:34,829 --> 00:12:33,069
back again and how do you feel about the

258
00:12:36,809 --> 00:12:34,839
The Skeptical movement around the world

259
00:12:37,769 --> 00:12:36,819
now I mean you've seen it not just in

260
00:12:40,470 --> 00:12:37,779
Australia but in other

261
00:12:42,629 --> 00:12:40,480
playing in the US and the UK how do you

262
00:12:44,879 --> 00:12:42,639
feel in terms of the available of

263
00:12:46,829 --> 00:12:44,889

activity and and what you're seeing in

264

00:12:52,160 --> 00:12:46,839

terms of the dedication to the cause

265

00:12:56,340 --> 00:12:52,170

it's essential to have an aware public

266

00:12:59,189 --> 00:12:56,350

during these three times where the model

267

00:13:04,559 --> 00:12:59,199

of investigative journalism is changing

268

00:13:07,739 --> 00:13:04,569

so previously we had journalism and some

269

00:13:11,670 --> 00:13:07,749

of that was investigative journalism and

270

00:13:16,290 --> 00:13:11,680

it was funded by advertisements for

271

00:13:19,290 --> 00:13:16,300

dolls and real estate and cars so the

272

00:13:23,100 --> 00:13:19,300

newspapers used the revenue from their

273

00:13:25,470 --> 00:13:23,110

advertisements and from commercial you

274

00:13:27,210 --> 00:13:25,480

know smaller scale stuff to fund

275

00:13:30,929 --> 00:13:27,220

investigative Germans and that bond is

276

00:13:32,819 --> 00:13:30,939

falling over most of the newspapers are

277

00:13:35,610 --> 00:13:32,829

not shifting over well the New York

278

00:13:38,280 --> 00:13:35,620

Times is I'm very happy to pay fifteen

279

00:13:40,499 --> 00:13:38,290

dollars a month to get the new york

280

00:13:42,389 --> 00:13:40,509

times via the internet and i love

281

00:13:47,129 --> 00:13:42,399

reading and they were doing good scale

282

00:13:50,850 --> 00:13:47,139

investigation in australia we've got two

283

00:13:53,790 --> 00:13:50,860

separate situations happening one we

284

00:13:57,530 --> 00:13:53,800

have the fairfax which is seeming to go

285

00:14:00,960 --> 00:13:57,540

into a slow-motion tumble into leaving

286

00:14:03,090 --> 00:14:00,970

print because of various bad decisions

287

00:14:05,939 --> 00:14:03,100

that were made along the way not giving

288

00:14:08,999 --> 00:14:05,949

them enough revenue to survive the

289

00:14:12,360 --> 00:14:09,009

transition from print into the internet

290

00:14:15,600 --> 00:14:12,370

and the other model is the Murdoch

291

00:14:18,449 --> 00:14:15,610

newspapers which an entirely different

292

00:14:21,829 --> 00:14:18,459

kettle of fish because they're being run

293

00:14:26,009 --> 00:14:21,839

at a loss for various reasons and so

294

00:14:29,360 --> 00:14:26,019

we're in this transition period and it's

295

00:14:33,079 --> 00:14:29,370

so good that the skeptical movement is

296

00:14:36,929 --> 00:14:33,089

keeping alive the light of knowledge

297

00:14:39,720 --> 00:14:36,939

during this transition time where we end

298

00:14:43,739 --> 00:14:39,730

up with what we end up with we have no

299

00:14:45,299 --> 00:14:43,749

idea who can tell the future the park

300

00:14:47,129 --> 00:14:45,309

and stuff like the tides and you know

301
00:14:49,030 --> 00:14:47,139
eclipses and stuff like that that we can

302
00:14:51,850 --> 00:14:49,040
predict but the social

303
00:14:54,460 --> 00:14:51,860
it's so complex so you're doing good

304
00:14:57,970 --> 00:14:54,470
work and I'm hoping that your influence

305
00:14:59,110 --> 00:14:57,980
the future I will you will of course dr.

306
00:15:12,189 --> 00:14:59,120
Carl thank you very much for being on

307
00:15:13,990 --> 00:15:12,199
the script exam thank you today this is

308
00:15:15,370 --> 00:15:14,000
dr. Carl Carl Christmas keep proud to be

309
00:15:17,980 --> 00:15:15,380
skeptic and you can find out more about

310
00:15:29,680 --> 00:15:17,990
me at dr. Kyle calm and get lots of free

311
00:15:37,190 --> 00:15:34,340
here's my not spooky action at a

312
00:15:41,390 --> 00:15:39,530
and move one to the left Emma got Carol

313
00:15:42,530 --> 00:15:41,400

crews SQ hi Kyle how are you hi look

314

00:15:44,120 --> 00:15:42,540

mate I think I should tell you about

315

00:15:46,220 --> 00:15:44,130

some scientific truths in labeling I

316

00:15:47,630 --> 00:15:46,230

just really are because now we get to

317

00:15:49,520 --> 00:15:47,640

take some calls with go go for it right

318

00:15:51,470 --> 00:15:49,530

okay with regard to the microphone new

319

00:15:53,480 --> 00:15:51,480

you are using any use of that microphone

320

00:15:54,560 --> 00:15:53,490

in any manner whatsoever will increase

321

00:15:57,500 --> 00:15:54,570

the amount of disorder in the universe

322

00:15:59,000 --> 00:15:57,510

and the consumer that is you I warned

323

00:16:01,100 --> 00:15:59,010

the this process of talking on the

324

00:16:03,380 --> 00:16:01,110

microphone will lead ultimately to the

325

00:16:04,640 --> 00:16:03,390

heat death of the universe may you feel

326

00:16:06,590 --> 00:16:04,650

any guilt no not where you're going to

327

00:16:08,060 --> 00:16:06,600

be packing out on me mate it's all your

328

00:16:09,380 --> 00:16:08,070

fault you're increasing the amount of

329

00:16:11,060 --> 00:16:09,390

disorder in the universe and furthermore

330

00:16:13,280 --> 00:16:11,070

with regard to the users which they

331

00:16:15,170 --> 00:16:13,290

should be aware that every single radio

332

00:16:17,930 --> 00:16:15,180

that they are using made of 100-percent

333

00:16:20,180 --> 00:16:17,940

matter if it comes in contact with any

334

00:16:22,670 --> 00:16:20,190

antimatter it will explode in a

335

00:16:24,140 --> 00:16:22,680

catastrophic explosion any questions for

336

00:16:25,670 --> 00:16:24,150

Carl he have you do everything except

337

00:16:27,800 --> 00:16:25,680

relationships and windows don't you mana

338

00:16:29,000 --> 00:16:27,810

Chris good morning how am I um I'm

339

00:16:30,230 --> 00:16:29,010

pretty good on gum print feel a bit

340

00:16:31,190 --> 00:16:30,240

scientific field with soggy after the

341

00:16:33,020 --> 00:16:31,200

weekend but what's your question for

342

00:16:35,120 --> 00:16:33,030

Carl ok car look I wonder if there's a

343

00:16:37,520 --> 00:16:35,130

future in energy production from to

344

00:16:39,110 --> 00:16:37,530

virtual motion machines no no no there

345

00:16:40,850 --> 00:16:39,120

are three basic laws of thermodynamics

346

00:16:42,200 --> 00:16:40,860

which in the original form are quite

347

00:16:45,350 --> 00:16:42,210

complicated but I will give you the

348

00:16:49,520 --> 00:16:45,360

simplified version law number one you

349

00:16:52,820 --> 00:16:49,530

cannot win number two you cannot even

350

00:16:55,610 --> 00:16:52,830

break even number three you will always

351

00:16:56,930 --> 00:16:55,620

lose they're referring to energy so you

352

00:16:58,010 --> 00:16:56,940

cannot make a perpetual motion machine

353

00:16:59,930 --> 00:16:58,020

you can waste a lot of time thinking

354

00:17:01,610 --> 00:16:59,940

about it at the end of the day nobody's

355

00:17:03,650 --> 00:17:01,620

ever made one yeah so give up now okay

356

00:17:05,480 --> 00:17:03,660

give up now and sleep easy I better get

357

00:17:06,920 --> 00:17:05,490

back to bed then that's two people who

358

00:17:08,420 --> 00:17:06,930

put back to bed so enough of Jesus life

359

00:17:11,210 --> 00:17:08,430

till the breakfast shows for Joe mining

360

00:17:12,590 --> 00:17:11,220

job what am I wake up the morning you're

361

00:17:15,770 --> 00:17:12,600

concerned about a very high tide aren't

362

00:17:17,780 --> 00:17:15,780

you yeah sort of mr. the part two of

363

00:17:19,819 --> 00:17:17,790

that show after the warming with james

364

00:17:21,980 --> 00:17:19,829

burke and i was wondering exactly how

365

00:17:26,270 --> 00:17:21,990

the earth could warm up so far that that

366

00:17:28,790 --> 00:17:26,280

the caesar dries to 300 feet in 70 years

367

00:17:30,850 --> 00:17:28,800

he saints 100 feet in some [h__h] oh that

368

00:17:34,520 --> 00:17:30,860

was he was describing back in that

369

00:17:36,800 --> 00:17:34,530

Vikings of all right okay no choice did

370

00:17:38,600 --> 00:17:36,810

this right okay now the thing to realize

371

00:17:41,270 --> 00:17:38,610

is that what we're looking at now Joe is

372

00:17:42,950 --> 00:17:41,280

abnormal weather ok right now think of

373

00:17:45,380 --> 00:17:42,960

yourself you are a human being you have

374

00:17:46,730 --> 00:17:45,390

got a 1200 milliliter brain but three

375

00:17:48,250 --> 00:17:46,740

million years ago in four million years

376

00:17:49,970 --> 00:17:48,260

ago your brain was half that size

377

00:17:50,780 --> 00:17:49,980

assuming you've lived that long which

378

00:17:52,310 --> 00:17:50,790

you probably haven't

379

00:17:53,720 --> 00:17:52,320

your ancestors had a brain half that

380

00:17:55,130 --> 00:17:53,730

size in that three million years the

381

00:17:57,620 --> 00:17:55,140

typical weather pattern on the planet

382

00:17:59,480 --> 00:17:57,630

has been this there's an ice age for a

383

00:18:02,660 --> 00:17:59,490

hundred thousand years and not ice age

384

00:18:04,250 --> 00:18:02,670

for 10,000 years ice age 4 109 ice age

385

00:18:06,590 --> 00:18:04,260

through 10,000 that's the way it goes

386

00:18:08,690 --> 00:18:06,600

most of the time is spent in an ice age

387

00:18:10,790 --> 00:18:08,700

now in an ice age what happens is that

388

00:18:12,320 --> 00:18:10,800

the ice packs come down from the North

389

00:18:14,420 --> 00:18:12,330

Pole as far as Wisconsin where their

390

00:18:16,460 --> 00:18:14,430

kilometer high they come up from the

391

00:18:19,310 --> 00:18:16,470

south polar within for a thousand

392

00:18:21,500 --> 00:18:19,320

kilometres of Tasmania and all there's

393

00:18:23,840 --> 00:18:21,510

so much water trapped in the ice that

394

00:18:26,360 --> 00:18:23,850

the water level drops by a hundred

395

00:18:27,890 --> 00:18:26,370

meters or 300 feet and so with regard to

396

00:18:29,690 --> 00:18:27,900

the Aborigines for most of the times the

397

00:18:31,580 --> 00:18:29,700

Aborigines have been in Australia the

398

00:18:33,080 --> 00:18:31,590

Australia has been a bigger country it

399

00:18:35,120 --> 00:18:33,090

has only been 70 kilometers away from

400

00:18:36,740 --> 00:18:35,130

internet Indonesia and being sensible a

401

00:18:38,120 --> 00:18:36,750

lot of people to live on the coso mostly

402

00:18:40,010 --> 00:18:38,130

Aboriginal artifacts are buried under

403

00:18:41,990 --> 00:18:40,020

water but we are now at the end of this

404

00:18:43,700 --> 00:18:42,000

ten thousand year period soon another

405

00:18:45,920 --> 00:18:43,710

Ice Age will come along unless of course

406

00:18:47,510 --> 00:18:45,930

global warming stop sir who knows what's

407

00:18:49,220 --> 00:18:47,520

going to happen hang around it's going

408

00:18:50,630 --> 00:18:49,230

to be exciting times but until then

409

00:19:15,380 --> 00:18:50,640

probably go back to bed i reckon Joan

410

00:19:22,500 --> 00:19:19,470

dr. Harriet hall md no into thousands as

411

00:19:25,620 --> 00:19:22,510

the skeptic a retired family physician

412

00:19:27,690 --> 00:19:25,630

and former Air Force flight surgeon she

413

00:19:29,390 --> 00:19:27,700

writes about medicine so called

414

00:19:33,260 --> 00:19:29,400

complementary and alternative medicine

415

00:19:36,360 --> 00:19:33,270

science quackery and critical thinking

416

00:19:38,789 --> 00:19:36,370

Harriet now has a free course a series

417

00:19:41,970 --> 00:19:38,799

of ten video lectures on science based

418

00:19:43,980 --> 00:19:41,980

medicine and alternative medicine the

419

00:19:46,110 --> 00:19:43,990

videos and an accompanying course guide

420

00:19:50,940 --> 00:19:46,120

can be found by following the link at

421

00:19:56,870 --> 00:19:50,950

skeptic info or by visiting web Randy's

422

00:19:59,299 --> 00:19:56,880

org slash educational modules dot HTML

423

00:20:01,560 --> 00:19:59,309

topics covered in the series are

424

00:20:04,669 --> 00:20:01,570

science-based medicine vs.

425

00:20:08,090 --> 00:20:04,679

evidence-based medicine what is cam

426
00:20:11,279 --> 00:20:08,100
chiropractic acupuncture homeopathy

427
00:20:13,409 --> 00:20:11,289
naturopathy and herbal medicine energy

428
00:20:16,560 --> 00:20:13,419
medicine miscellaneous alternatives

429
00:20:19,850 --> 00:20:16,570
pitfalls in research and science-based

430
00:20:22,620 --> 00:20:19,860
medicine in the media and politics

431
00:20:25,169 --> 00:20:22,630
Harriet covers each topic in a matter of

432
00:20:48,610 --> 00:20:25,179
fact no-nonsense way that shorter

433
00:21:02,480 --> 00:20:52,580
it's the raw skeptic report with Heidi

434
00:21:03,760 --> 00:21:02,490
Robertson hello everyone Heidi Robertson

435
00:21:07,370 --> 00:21:03,770
here from the Northern Rivers

436
00:21:10,220 --> 00:21:07,380
vaccination supporters this past week

437
00:21:13,760 --> 00:21:10,230
was quite a proud moment for our little

438
00:21:16,400 --> 00:21:13,770

old grassroots community group as you'd

439

00:21:18,560 --> 00:21:16,410

know by now we formed three years ago in

440

00:21:20,870 --> 00:21:18,570

response to the appalling ly low rates

441

00:21:23,260 --> 00:21:20,880

of vaccination in our regional area of

442

00:21:25,790 --> 00:21:23,270

northern New South Wales mullumbimby

443

00:21:29,180 --> 00:21:25,800

we're near the popular tourist

444

00:21:31,310 --> 00:21:29,190

destination of Byron Bay earlier this

445

00:21:34,250 --> 00:21:31,320

year we were notified that the World

446

00:21:37,730 --> 00:21:34,260

Health Organization otherwise known as

447

00:21:40,580 --> 00:21:37,740

the who was looking to add links on

448

00:21:42,800 --> 00:21:40,590

their website to groups that provided

449

00:21:46,820 --> 00:21:42,810

reliable sources of information about

450

00:21:48,680 --> 00:21:46,830

vaccines and vaccine safety we decided

451
00:21:52,010 --> 00:21:48,690
to put forward our website for

452
00:21:54,590 --> 00:21:52,020
consideration because why not we do in

453
00:21:57,290 --> 00:21:54,600
fact put forward credible information to

454
00:22:01,070 --> 00:21:57,300
counter the vast amounts of

455
00:22:03,500 --> 00:22:01,080
misinformation out there we then went

456
00:22:06,470 --> 00:22:03,510
through an application process which

457
00:22:09,650 --> 00:22:06,480
went on for a few months and this last

458
00:22:14,600 --> 00:22:09,660
week we were approved by the WHO and now

459
00:22:18,010 --> 00:22:14,610
appear on their website as stated by the

460
00:22:21,200 --> 00:22:18,020
WHO quote due to the success of

461
00:22:23,990 --> 00:22:21,210
immunization some diseases are no longer

462
00:22:25,790 --> 00:22:24,000
perceived as a threat certain groups

463
00:22:27,920 --> 00:22:25,800

have even questioned the utility of

464

00:22:31,190 --> 00:22:27,930

vaccination in spite of its proven

465

00:22:34,040 --> 00:22:31,200

success in controlling disease in recent

466

00:22:36,680 --> 00:22:34,050

years a number of websites providing

467

00:22:38,570 --> 00:22:36,690

unbalanced misleading and alarming

468

00:22:41,750 --> 00:22:38,580

vaccine safety information have been

469

00:22:44,980 --> 00:22:41,760

established which can lead to undo fears

470

00:22:47,360 --> 00:22:44,990

particularly among parents and patients

471

00:22:49,940 --> 00:22:47,370

acknowledging the above-mentioned

472

00:22:53,060 --> 00:22:49,950

and urged by governments key

473

00:22:55,540 --> 00:22:53,070

nongovernmental organizations and the

474

00:22:58,730 --> 00:22:55,550

United Nations Children's Fund UNICEF

475

00:23:03,020 --> 00:22:58,740

the World Health Organization initiated

476
00:23:05,270 --> 00:23:03,030
in 2003 the vaccine safety net project a

477
00:23:07,310 --> 00:23:05,280
couple of days after we announced this

478
00:23:09,799 --> 00:23:07,320
somewhat incredible event on our

479
00:23:12,290 --> 00:23:09,809
Facebook page we were contacted by our

480
00:23:14,810 --> 00:23:12,300
local newspaper the Northern Star for an

481
00:23:17,900 --> 00:23:14,820
interview that story has now been

482
00:23:20,299 --> 00:23:17,910
published online and in print our own

483
00:23:22,370 --> 00:23:20,309
dr. Rachel heap a Northern Rivers

484
00:23:25,310 --> 00:23:22,380
intensive care doctor who wrote the

485
00:23:29,230 --> 00:23:25,320
content on our website was quoted in the

486
00:23:32,030 --> 00:23:29,240
article he is Richard to read it out

487
00:23:34,549 --> 00:23:32,040
from the Northern Star newspaper online

488
00:23:38,270 --> 00:23:34,559

edition published on the first of

489

00:23:41,930 --> 00:23:38,280

November 2016 why you shouldn't be

490

00:23:44,720 --> 00:23:41,940

afraid our vaccines group a local Pro

491

00:23:47,180 --> 00:23:44,730

vaccination group that began just three

492

00:23:50,150 --> 00:23:47,190

years ago has been recognized by the

493

00:23:52,460 --> 00:23:50,160

world health organization has a good

494

00:23:55,370 --> 00:23:52,470

source of information on vaccine safety

495

00:23:58,669 --> 00:23:55,380

the wh o publishes a list of websites

496

00:24:00,280 --> 00:23:58,679

that are found to quote facilitate the

497

00:24:03,080 --> 00:24:00,290

access of public health authorities

498

00:24:06,080 --> 00:24:03,090

health professionals and the public to

499

00:24:08,299 --> 00:24:06,090

reliable information min quote Northern

500

00:24:11,120 --> 00:24:08,309

Rivers vaccination supporters group is

501
00:24:15,380 --> 00:24:11,130
now one of those websites it can be

502
00:24:18,260 --> 00:24:15,390
found at the wh 0 s vaccine safety net

503
00:24:20,570 --> 00:24:18,270
web page along with other successful

504
00:24:22,760 --> 00:24:20,580
organizations Northern Rivers

505
00:24:25,820 --> 00:24:22,770
vaccination supporters announced the

506
00:24:29,060 --> 00:24:25,830
achievement on their Facebook page quote

507
00:24:31,130 --> 00:24:29,070
we're absolutely stoked end quote one of

508
00:24:34,430 --> 00:24:31,140
the group's core administrators Rachel

509
00:24:36,799 --> 00:24:34,440
heap told the Northern Star quote we

510
00:24:38,840 --> 00:24:36,809
have worked really hard to put credible

511
00:24:41,299 --> 00:24:38,850
and reliable and accurate information

512
00:24:43,520 --> 00:24:41,309
out there to get recognized by the world

513
00:24:45,950 --> 00:24:43,530

health organization in that short time

514

00:24:48,410 --> 00:24:45,960

period for an unfunded grassroots

515

00:24:51,350 --> 00:24:48,420

community organization it's just awesome

516

00:24:53,060 --> 00:24:51,360

end quote she said the group's primary

517

00:24:55,970 --> 00:24:53,070

goal was to spread the word that people

518

00:24:58,310 --> 00:24:55,980

shouldn't be afraid of vaccines but

519

00:25:00,169 --> 00:24:58,320

instead quote you should be amazed at

520

00:25:01,100 --> 00:25:00,179

how extraordinary they are as a public

521

00:25:04,370 --> 00:25:01,110

health measure

522

00:25:06,530 --> 00:25:04,380

end quote dr. heap said one of the key

523

00:25:08,919 --> 00:25:06,540

strategies the group uses to get the

524

00:25:12,620 --> 00:25:08,929

message out there is called the quote

525

00:25:14,570 --> 00:25:12,630

thousand cups of tea in quote quote it's

526
00:25:17,390 --> 00:25:14,580
sitting down and talking to people about

527
00:25:19,760 --> 00:25:17,400
their fears and having the knowledge to

528
00:25:24,140 --> 00:25:19,770
explain to them what the science

529
00:25:27,770 --> 00:25:24,150
actually shows that conversation is key

530
00:25:29,660 --> 00:25:27,780
to the group in quote she said for more

531
00:25:32,150 --> 00:25:29,670
information about the Northern Rivers

532
00:25:38,090 --> 00:25:32,160
vaccination supporters visit them on

533
00:25:40,100 --> 00:25:38,100
facebook or visit w WN r vs info we are

534
00:25:42,049 --> 00:25:40,110
both humbled and proud that this has

535
00:25:43,640 --> 00:25:42,059
happened and we thank everyone who has

536
00:25:46,909 --> 00:25:43,650
supported us over the past three years

537
00:25:48,560 --> 00:25:46,919
our hope is that in the coming years we

538
00:25:52,070 --> 00:25:48,570

can make a measurable difference to the

539

00:25:53,720 --> 00:25:52,080

vaccination rates in our region thanks

540

00:25:55,520 --> 00:25:53,730

for listening this has been Heidi

541

00:25:59,090 --> 00:25:55,530

Robertson and you can find us on twitter

542

00:26:01,400 --> 00:25:59,100

at NR vac supporters that's VA x or on

543

00:26:05,419 --> 00:26:01,410

facebook at northern rivers vaccination

544

00:26:09,049 --> 00:26:05,429

supporters or on our website nrvs info

545

00:26:13,340 --> 00:26:09,059

on wikipedia thanks to susan goreck and

546

00:26:15,320 --> 00:26:13,350

the gorilla skeptics and Oh Susan if

547

00:26:17,030 --> 00:26:15,330

you're listening will need an edit to

548

00:26:21,080 --> 00:26:17,040

include this new world health

549

00:26:22,990 --> 00:26:21,090

organization thing now and now also we

550

00:26:26,630 --> 00:26:23,000

can be found on the World Health

551
00:26:40,139 --> 00:26:26,640
Organization website thanks everyone

552
00:26:44,889 --> 00:26:42,639
quack watch your guide to quackery

553
00:26:48,279 --> 00:26:44,899
health fraud and intelligent decisions

554
00:26:50,289 --> 00:26:48,289
operated by Steven Barrett MD quite

555
00:26:51,789 --> 00:26:50,299
watch is now an international network of

556
00:26:54,159 --> 00:26:51,799
people who are concerned about

557
00:26:56,649 --> 00:26:54,169
health-related frauds myths fads

558
00:26:59,529 --> 00:26:56,659
fallacies and misconduct its primary

559
00:27:01,989 --> 00:26:59,539
focus is on quackery related information

560
00:27:04,810 --> 00:27:01,999
that is difficult or impossible to get

561
00:27:08,200 --> 00:27:04,820
elsewhere articles on quackery include

562
00:27:12,220 --> 00:27:08,210
quackery how should it be defined how it

563
00:27:15,039 --> 00:27:12,230

sells 26 ways to spot it how it harms

564

00:27:17,499 --> 00:27:15,049

cancer patients 7 warning signs for

565

00:27:20,489 --> 00:27:17,509

bogus science why health professionals

566

00:27:22,690 --> 00:27:20,499

become quacks and many more including

567

00:27:26,139 --> 00:27:22,700

in-depth looks at acupuncture

568

00:27:51,529 --> 00:27:26,149

chiropractic homeopathy naturopathy and

569

00:27:59,129 --> 00:27:55,109

recently here on Australian TV the bio

570

00:28:01,739 --> 00:27:59,139

drama of very famous man peter brock was

571

00:28:04,560 --> 00:28:01,749

Sharon sadly peter brock died about 10

572

00:28:08,069 --> 00:28:04,570

years ago in a motor car accident he was

573

00:28:09,839 --> 00:28:08,079

known as the king of the mountain the

574

00:28:13,310 --> 00:28:09,849

mountain referring to the Bathurst race

575

00:28:17,999 --> 00:28:13,320

course in non-western New South Wales

576

00:28:20,249 --> 00:28:18,009

not too far west a wonderful racing car

577

00:28:23,519 --> 00:28:20,259

driver and thrilled many people had many

578

00:28:27,449 --> 00:28:23,529

accomplishments but he was not immune to

579

00:28:31,440 --> 00:28:27,459

falling for certain pseudoscience the

580

00:28:37,379 --> 00:28:31,450

one he fell for is called all gone

581

00:28:39,419 --> 00:28:37,389

energy and he was marketing what he

582

00:28:42,089 --> 00:28:39,429

called the energy polarizer which was

583

00:28:44,549 --> 00:28:42,099

claimed to use this orgone energy to

584

00:28:47,249 --> 00:28:44,559

give the feel Morgan's get better

585

00:28:51,180 --> 00:28:47,259

mileage cleaner running all that sort of

586

00:28:54,930 --> 00:28:51,190

standard claims and in fact he won the

587

00:28:56,879 --> 00:28:54,940

Australian skeptics bent spoon award the

588

00:28:58,499 --> 00:28:56,889

bent spoon being of course awarded each

589

00:28:59,999 --> 00:28:58,509

year by Australian skeptics to the

590

00:29:01,769 --> 00:29:00,009

perpetrator of the most pop oestrus

591

00:29:06,799 --> 00:29:01,779

piece of paranormal or pseudo scientific

592

00:29:10,049 --> 00:29:06,809

piffle so they say in at 1986 and

593

00:29:12,029 --> 00:29:10,059

reading from an article of the history

594

00:29:15,239 --> 00:29:12,039

of the bent spoon written by Barry

595

00:29:18,659 --> 00:29:15,249

Williams we read the next award went to

596

00:29:20,819 --> 00:29:18,669

an Australian sporting icon in 1986

597

00:29:23,159 --> 00:29:20,829

peter brock australia's premier touring

598

00:29:26,519 --> 00:29:23,169

car driver became involved in promoting

599

00:29:29,959 --> 00:29:26,529

an energy polarizer which he alleged

600

00:29:33,119 --> 00:29:29,969

when attached to the firewall of a car

601
00:29:36,299 --> 00:29:33,129
improved its performance in all fields

602
00:29:38,579 --> 00:29:36,309
the device was not connected to any of

603
00:29:40,919 --> 00:29:38,589
the vehicle systems and supposedly

604
00:29:43,259 --> 00:29:40,929
worked by the application of a

605
00:29:45,839 --> 00:29:43,269
mysterious energy unknown to science

606
00:29:48,719 --> 00:29:45,849
along with motoring journalists the

607
00:29:50,549 --> 00:29:48,729
skeptics conducted an investigation into

608
00:29:53,159 --> 00:29:50,559
the device and found there was

609
00:29:57,060 --> 00:29:53,169
no basis for the claims made the fallout

610
00:29:59,610 --> 00:29:57,070
from this affair so Brock severing his

611
00:30:02,779 --> 00:29:59,620
relationship with General Motors that's

612
00:30:05,730 --> 00:30:02,789
a General Motors holdin his longtime

613
00:30:08,220 --> 00:30:05,740

sponsors and with a number of his

614

00:30:10,739 --> 00:30:08,230

colleagues the publicity associated with

615

00:30:13,830 --> 00:30:10,749

this case saw the device withdrawn from

616

00:30:17,930 --> 00:30:13,840

sale and as for orgone energy itself

617

00:30:21,060 --> 00:30:17,940

from Wikipedia we see all gone is a

618

00:30:23,489 --> 00:30:21,070

pseudo-scientific and spiritual concept

619

00:30:25,909 --> 00:30:23,499

describing an esoteric energy or

620

00:30:29,159 --> 00:30:25,919

hypothetical universal life force

621

00:30:32,669 --> 00:30:29,169

originally proposed in the 1930s by Phil

622

00:30:37,499 --> 00:30:32,679

him Reich has developed by rice student

623

00:30:40,820 --> 00:30:37,509

Carl Kelley after rice death in 1957

624

00:30:44,090 --> 00:30:40,830

organ was conceived as the anti-entropic

625

00:30:47,460 --> 00:30:44,100

principle of the universe a creative

626

00:30:52,230 --> 00:30:47,470

substratum in all of nature comparable

627

00:30:55,440 --> 00:30:52,240

to Mesmer's animal magnetism wahlgren

628

00:30:59,129 --> 00:30:55,450

was seemed to be a massless omnipresent

629

00:31:02,639 --> 00:30:59,139

substance similar to the ether Reich

630

00:31:05,759 --> 00:31:02,649

stated that defects or constrictions in

631

00:31:08,909 --> 00:31:05,769

the bodily organ were the root of many

632

00:31:11,789 --> 00:31:08,919

diseases the article goes on it's quite

633

00:31:14,310 --> 00:31:11,799

extensive but I think I think you get

634

00:31:17,999 --> 00:31:14,320

the gist it's one of the famous energies

635

00:31:21,299 --> 00:31:18,009

unknown to science nor as a skeptic

636

00:31:24,330 --> 00:31:21,309

Barry Williams likes to call them its EU

637

00:31:26,249 --> 00:31:24,340

TS energies unknown designs but as we

638

00:31:28,619 --> 00:31:26,259

mentioned skeptics Australian skeptics

639

00:31:30,930 --> 00:31:28,629

have been investigating this energy and

640

00:31:33,749 --> 00:31:30,940

its associated devices for a long time

641

00:31:36,359 --> 00:31:33,759

and in fact what I'll do in this week's

642

00:31:38,039 --> 00:31:36,369

show notes is I'll provide a link with

643

00:31:40,320 --> 00:31:38,049

the automatic search so you can look

644

00:31:42,680 --> 00:31:40,330

through previous issues of the magazine

645

00:31:46,529 --> 00:31:42,690

the skeptic going back 30 years for

646

00:31:51,419 --> 00:31:46,539

references to this orgone energy and if

647

00:31:54,359 --> 00:31:51,429

I have a quick look from volume 7 issue

648

00:31:57,090 --> 00:31:54,369

number one of the skeptic magazine way

649

00:31:59,129 --> 00:31:57,100

back in nineteen eighty seven an item

650

00:32:01,470 --> 00:31:59,139

written by Mary Williams at the time the

651
00:32:03,840 --> 00:32:01,480
Brock energy polarizer scientific

652
00:32:06,120 --> 00:32:03,850
breakthrough o witchcraft

653
00:32:08,210 --> 00:32:06,130
readers will be familiar with recent

654
00:32:11,279 --> 00:32:08,220
media controversy regarding the

655
00:32:14,070 --> 00:32:11,289
commercial dispute between General

656
00:32:17,940 --> 00:32:14,080
Motors paulding and mr. Peter Brooks

657
00:32:19,590 --> 00:32:17,950
company hdt proprietary limited central

658
00:32:22,260 --> 00:32:19,600
to this dispute appears to be the

659
00:32:24,659 --> 00:32:22,270
so-called energy polarizer the device

660
00:32:27,090 --> 00:32:24,669
which consists of magnets and cylinders

661
00:32:29,610 --> 00:32:27,100
which is fitted to General Motors Holden

662
00:32:32,039 --> 00:32:29,620
Commodore vehicles which after certain

663
00:32:34,620 --> 00:32:32,049

modifications are sold as separate

664

00:32:37,049 --> 00:32:34,630

vehicles the Australian skeptics has no

665

00:32:39,659 --> 00:32:37,059

interest in the commercial dispute nor

666

00:32:41,789 --> 00:32:39,669

in the mechanical modifications our

667

00:32:44,549 --> 00:32:41,799

concern is purely the claims made by the

668

00:32:48,390 --> 00:32:44,559

Energy polarisers as published in the

669

00:32:51,180 --> 00:32:48,400

media in this endeavor we are frustrated

670

00:32:54,000 --> 00:32:51,190

by Mr brachs public statement that some

671

00:32:56,850 --> 00:32:54,010

claims were made as quote a smokescreen

672

00:33:01,140 --> 00:32:56,860

and quote after his premises had been

673

00:33:03,090 --> 00:33:01,150

burgled he was not explicit as to which

674

00:33:06,630 --> 00:33:03,100

claims were genuine and which claims

675

00:33:08,490 --> 00:33:06,640

were smokescreen in particular we call

676
00:33:11,100 --> 00:33:08,500
upon mr. Brock to explain whether the

677
00:33:15,560 --> 00:33:11,110
following claims are valid number one

678
00:33:18,750 --> 00:33:15,570
does the device utilize orgone energy

679
00:33:21,240 --> 00:33:18,760
number two does the device utilize

680
00:33:23,279 --> 00:33:21,250
energies unknown to science which cannot

681
00:33:27,270 --> 00:33:23,289
be tested by normal scientific means

682
00:33:31,049 --> 00:33:27,280
number three does the device realign the

683
00:33:33,180 --> 00:33:31,059
molecules in the vehicle number four

684
00:33:36,210 --> 00:33:33,190
does the fitting of the device without

685
00:33:41,100 --> 00:33:36,220
any other mechanical adjustment quote

686
00:33:43,770 --> 00:33:41,110
turn a dog of a car into a sweet running

687
00:33:46,200 --> 00:33:43,780
one end quote if none of the above

688
00:33:49,909 --> 00:33:46,210

claims are valid what claims are made

689

00:33:52,140 --> 00:33:49,919

for the quote energy polarizer unquote

690

00:33:54,240 --> 00:33:52,150

Australian skeptics has made the

691

00:33:57,779 --> 00:33:54,250

investigation of the energy polarizer

692

00:34:00,120 --> 00:33:57,789

and various magnet / crystal devices

693

00:34:03,750 --> 00:34:00,130

known to be on sale as a major project

694

00:34:05,909 --> 00:34:03,760

for 1987 readers who have informed or

695

00:34:08,129 --> 00:34:05,919

have had experience of such devices

696

00:34:11,310 --> 00:34:08,139

which claimed to have beneficial effects

697

00:34:14,220 --> 00:34:11,320

on motor vehicles water supplies human

698

00:34:16,700 --> 00:34:14,230

beings or anything else are invited to

699

00:34:20,419 --> 00:34:16,710

send us the details

700

00:34:22,849 --> 00:34:20,429

but later from 1987 we read bent spoon

701
00:34:25,849 --> 00:34:22,859
award for 1986 goes to peter brock and

702
00:34:28,099 --> 00:34:25,859
his energy polarizer so to expand on

703
00:34:31,879 --> 00:34:28,109
what we read before by barry williams in

704
00:34:34,750 --> 00:34:31,889
a year that saw the usual run of

705
00:34:38,720 --> 00:34:34,760
psychics promoting their usual run of

706
00:34:41,180 --> 00:34:38,730
unusually wrong predictions 1986 and the

707
00:34:44,810 --> 00:34:41,190
start of 1987 also saw some rather

708
00:34:46,730 --> 00:34:44,820
unusual examples of paranormal events or

709
00:34:49,099 --> 00:34:46,740
potential winners of the Australian

710
00:34:50,570 --> 00:34:49,109
skeptics bent spoon award the judging

711
00:34:52,609 --> 00:34:50,580
committee for the bent spoon would

712
00:34:55,339 --> 00:34:52,619
rejected the visiting American woman who

713
00:34:57,620 --> 00:34:55,349

filled venues in most capitals claiming

714

00:35:00,620 --> 00:34:57,630

to teach the cash paying public how to

715

00:35:03,740 --> 00:35:00,630

quote tap the universal force and quote

716

00:35:05,960 --> 00:35:03,750

to enable them to bend cutlery the

717

00:35:08,890 --> 00:35:05,970

committee considered not entirely

718

00:35:11,750 --> 00:35:08,900

seriously that this may have been

719

00:35:13,550 --> 00:35:11,760

organized by the cutlery Manufacturers

720

00:35:15,859 --> 00:35:13,560

Association in an effort to boost

721

00:35:19,490 --> 00:35:15,869

flagging sales why else would anybody

722

00:35:22,940 --> 00:35:19,500

want to mass bend spoons another strong

723

00:35:25,579 --> 00:35:22,950

contender was zan tax limited which paid

724

00:35:27,829 --> 00:35:25,589

Israeli magician and alleged psychic uri

725

00:35:30,170 --> 00:35:27,839

geller two hundred and fifty thousand

726

00:35:32,930 --> 00:35:30,180

dollars us to find the location of gold

727

00:35:35,870 --> 00:35:32,940

mines the judges rejected this story as

728

00:35:39,230 --> 00:35:35,880

chantix appeared to be more of a victim

729

00:35:41,359 --> 00:35:39,240

than a perpetrator of a psychic scam in

730

00:35:43,550 --> 00:35:41,369

the event it was agreed that the one

731

00:35:46,430 --> 00:35:43,560

outstanding example of pseudoscience of

732

00:35:48,260 --> 00:35:46,440

the year was the so-called energy

733

00:35:50,690 --> 00:35:48,270

polarizer and being promoted by top

734

00:35:52,670 --> 00:35:50,700

australian racing driver peter brock the

735

00:35:54,950 --> 00:35:52,680

story of how Australian skeptics became

736

00:35:57,650 --> 00:35:54,960

involved in the energy polarizer affair

737

00:36:00,800 --> 00:35:57,660

reads like the plot of a Licari novel

738

00:36:03,200 --> 00:36:00,810

and is recounted in this issue mr. Brock

739

00:36:05,810 --> 00:36:03,210

joins a distinguished list of winners of

740

00:36:08,120 --> 00:36:05,820

the bent spoon award which includes the

741

00:36:11,060 --> 00:36:08,130

thin horn Foundation the Melbourne

742

00:36:14,210 --> 00:36:11,070

Metropolitan Board of Works and psychic

743

00:36:15,770 --> 00:36:14,220

Tom Ward's now here's a short clip of

744

00:36:19,790 --> 00:36:15,780

peter brock talking about the energy

745

00:36:22,880 --> 00:36:19,800

polarizer in 1997 courtesy of the

746

00:36:25,780 --> 00:36:22,890

channel seven witness program a current

747

00:36:28,520 --> 00:36:25,790

affairs programme of the time

748

00:36:30,680 --> 00:36:28,530

ultimately the events that changed peter

749

00:36:34,270 --> 00:36:30,690

brock more than anything was not one of

750

00:36:37,220 --> 00:36:34,280

his many successes but a failure it was

751
00:36:40,060 --> 00:36:37,230
1987 and Brock was promoting this new

752
00:36:42,980 --> 00:36:40,070
age device called the energy polarizer

753
00:36:45,440 --> 00:36:42,990
makes motor vehicles with a lot better

754
00:36:47,510 --> 00:36:45,450
in all respects Peter claimed simply

755
00:36:49,130 --> 00:36:47,520
slipping this box of crystals and

756
00:36:51,710 --> 00:36:49,140
magnets under the bonnet would make a

757
00:36:54,290 --> 00:36:51,720
car run better and wanted to include it

758
00:36:57,170 --> 00:36:54,300
in the whole denbrock Commodore General

759
00:36:59,390 --> 00:36:57,180
Motors slammed on the brakes there were

760
00:37:00,740 --> 00:36:59,400
many concerns the company claims but the

761
00:37:03,980 --> 00:37:00,750
one which brought the issue to a head

762
00:37:06,430 --> 00:37:03,990
was the energy polarizer Holden says had

763
00:37:09,740 --> 00:37:06,440

no choice but to sever the relationship

764

00:37:13,070 --> 00:37:09,750

well eyes pre naive and I just sort of

765

00:37:15,080 --> 00:37:13,080

guess I thought oh well I know this is

766

00:37:17,810 --> 00:37:15,090

so therefore the risk the world must

767

00:37:19,400 --> 00:37:17,820

know it's so and I just tried to impose

768

00:37:21,160 --> 00:37:19,410

my will and pilot others I suppose which

769

00:37:23,360 --> 00:37:21,170

is always a great mistake to make

770

00:37:25,280 --> 00:37:23,370

certainly love arrogance in doing that

771

00:37:27,860 --> 00:37:25,290

you still believe you were right though

772

00:37:30,920 --> 00:37:27,870

don't you oh cool see I mean you you

773

00:37:32,600 --> 00:37:30,930

know when you onto something and you

774

00:37:34,690 --> 00:37:32,610

know that particular principle is now

775

00:37:38,150 --> 00:37:34,700

used very successfully the number of

776

00:37:40,460 --> 00:37:38,160

appliances which people by user rather

777

00:37:42,350 --> 00:37:40,470

homes such as water purifiers and things

778

00:37:44,630 --> 00:37:42,360

like that but you know that was ten

779

00:37:48,670 --> 00:37:44,640

years ago and well you know they say

780

00:37:51,470 --> 00:37:48,680

their part is I got eaten by the natives

781

00:37:54,830 --> 00:37:51,480

so I bring this to your attention partly

782

00:37:57,260 --> 00:37:54,840

to illustrate what a great resource

783

00:37:59,030 --> 00:37:57,270

there is for you waiting at the

784

00:38:02,000 --> 00:37:59,040

Australian skeptics website skeptics

785

00:38:05,240 --> 00:38:02,010

calm today you if you just use the

786

00:38:08,720 --> 00:38:05,250

search box at the top right you can

787

00:38:13,310 --> 00:38:08,730

search through what is it now must be

788

00:38:15,350 --> 00:38:13,320

coming up to 36 35 36 years of research

789

00:38:19,130 --> 00:38:15,360

and work and interviews and items and

790

00:38:21,290 --> 00:38:19,140

reports all at your fingertips and also

791

00:38:24,350 --> 00:38:21,300

to let you know that this orgone energy

792

00:38:28,060 --> 00:38:24,360

is still an ongoing thing in this

793

00:38:31,850 --> 00:38:28,070

country you can still buy orgone devices

794

00:38:34,460 --> 00:38:31,860

one of which i've discovered is the Geo

795

00:38:35,990 --> 00:38:34,470

cleanse and a quote directly from the

796

00:38:37,350 --> 00:38:36,000

website of the people selling this

797

00:38:40,230 --> 00:38:37,360

device to

798

00:38:42,270 --> 00:38:40,240

activate the Geo cleanse simply plug it

799

00:38:45,630 --> 00:38:42,280

into any power point and turn on the

800

00:38:50,340 --> 00:38:45,640

switch geo cleanse does not use any

801
00:38:53,160 --> 00:38:50,350
power at them you need only 10 cleanse

802
00:38:56,480 --> 00:38:53,170
per property it's designed is compact in

803
00:39:00,420 --> 00:38:56,490
size making it portable for traveling or

804
00:39:02,540 --> 00:39:00,430
taking to work and quote it goes on to

805
00:39:05,790 --> 00:39:02,550
say the Geo cleanses a negative charge

806
00:39:08,430 --> 00:39:05,800
residents pure orgone residents p o our

807
00:39:12,300 --> 00:39:08,440
field generator designed to balance

808
00:39:15,600 --> 00:39:12,310
positive charge residents deadly orgone

809
00:39:18,810 --> 00:39:15,610
residents do are otherwise known as a

810
00:39:24,630 --> 00:39:18,820
noxious unhealthy energy created by all

811
00:39:27,390 --> 00:39:24,640
forms of EMR RF Wi-Fi earth and

812
00:39:29,640 --> 00:39:27,400
interdimensional radiation to a

813
00:39:34,380 --> 00:39:29,650

potentially healthier negative charge

814

00:39:35,520 --> 00:39:34,390

residence p 0 r and that reminds me of

815

00:39:37,710 --> 00:39:35,530

something i said a couple of years ago

816

00:39:41,630 --> 00:39:37,720

on the skeptic zone you can't make this

817

00:39:44,100 --> 00:39:41,640

stuff up but somebody did so with the

818

00:39:46,680 --> 00:39:44,110

10th anniversary of the passing of peter

819

00:39:50,190 --> 00:39:46,690

brock it's given us an opportunity not

820

00:39:51,720 --> 00:39:50,200

only to look at orgone energy but to

821

00:39:53,940 --> 00:39:51,730

illustrate what a great resource is

822

00:39:58,470 --> 00:39:53,950

waiting for you at skeptics comdata you

823

00:40:01,260 --> 00:39:58,480

if you are researching paranormal

824

00:40:26,489 --> 00:40:01,270

skeptical items of interest going back

825

00:40:30,729 --> 00:40:28,839

astronomy cast it takes a fact space

826

00:40:32,620 --> 00:40:30,739

journey through the cosmos as it offers

827

00:40:35,319 --> 00:40:32,630

listeners weekly discussions on

828

00:40:38,229 --> 00:40:35,329

astronomical topics ranging from planets

829

00:40:40,539 --> 00:40:38,239

to cosmology hosted by Fraser Cain of

830

00:40:41,529 --> 00:40:40,549

Universe Today and myself dr. Pamela

831

00:40:44,200 --> 00:40:41,539

gave southern illinois university

832

00:40:46,089 --> 00:40:44,210

edwardsville this show brings the

833

00:40:48,519 --> 00:40:46,099

questions of an avid astronomy lover

834

00:40:50,620 --> 00:40:48,529

directly to an astronomer together

835

00:40:52,150 --> 00:40:50,630

Fraser and I explore what is known and

836

00:40:54,910 --> 00:40:52,160

being discovered about the universe

837

00:40:56,979 --> 00:40:54,920

around us join us each week as we take a

838

00:41:12,579 --> 00:40:56,989

fax space journey through the cosmos at

839

00:41:13,870 --> 00:41:12,589

astronomy cast calm we use on the

840

00:41:15,999 --> 00:41:13,880

skeptics and we've been telling you

841

00:41:18,400 --> 00:41:16,009

about the antics of de flying monkeys

842

00:41:22,029 --> 00:41:18,410

the flying monkeys otherwise known as

843

00:41:23,950 --> 00:41:22,039

the various anti-vaccination groups most

844

00:41:27,999 --> 00:41:23,960

famous amongst these of course is the

845

00:41:31,900 --> 00:41:28,009

Australian vaccination skeptics network

846

00:41:34,239 --> 00:41:31,910

well it seems that some people involved

847

00:41:37,380 --> 00:41:34,249

in the general anti-vaccination movement

848

00:41:40,779 --> 00:41:37,390

have really outdone themselves this time

849

00:41:42,279 --> 00:41:40,789

and and always the temptation is to put

850

00:41:45,370 --> 00:41:42,289

your opponent down as not being very

851
00:41:47,589 --> 00:41:45,380
bright in any situation you're obviously

852
00:41:50,109 --> 00:41:47,599
smarter than they are your side is

853
00:41:51,519 --> 00:41:50,119
better than that side your argument is

854
00:41:53,979 --> 00:41:51,529
obviously better than the other argument

855
00:41:58,779 --> 00:41:53,989
because you're in it can be the thinking

856
00:42:01,660 --> 00:41:58,789
in this case however in this case well

857
00:42:04,960 --> 00:42:01,670
I'll read on and you'll see what I mean

858
00:42:08,739 --> 00:42:04,970
and this comes to us from Jane Hansen

859
00:42:11,710 --> 00:42:08,749
and it appears in Daily Telegraph calm

860
00:42:16,200 --> 00:42:11,720
today you published on the 6th November

861
00:42:19,720 --> 00:42:16,210
2016 anti-vaxxers wrongly identified

862
00:42:23,190 --> 00:42:19,730
Byron Bay physiotherapist as Pro

863
00:42:26,650 --> 00:42:23,200

vaccination blogger Peter tienen is

864

00:42:27,099 --> 00:42:26,660

being bombarded by threatening calls and

865

00:42:29,920 --> 00:42:27,109

messages

866

00:42:33,339 --> 00:42:29,930

from anti-vaccination activists and

867

00:42:36,700 --> 00:42:33,349

fears quote one absolute nutter men

868

00:42:39,390 --> 00:42:36,710

quote could attack him or his family all

869

00:42:42,460 --> 00:42:39,400

because some activists think he is

870

00:42:44,650 --> 00:42:42,470

reasonable Hank a pro vaccination

871

00:42:47,739 --> 00:42:44,660

blogger who has been enraging the

872

00:42:50,289 --> 00:42:47,749

anti-vaxxers for years the problem is

873

00:42:52,599 --> 00:42:50,299

mr. Tiernan a 51 year old

874

00:42:56,229 --> 00:42:52,609

physiotherapist who works in the Byron

875

00:42:58,450 --> 00:42:56,239

Shire is not reasonable Hank and has

876

00:43:00,759 --> 00:42:58,460

never been quote it started with a

877

00:43:03,609 --> 00:43:00,769

message on facebook messenger to my wife

878

00:43:06,549 --> 00:43:03,619

that they needed to discuss something

879

00:43:09,519 --> 00:43:06,559

about her husband then it was phone

880

00:43:11,710 --> 00:43:09,529

calls at work they were sending private

881

00:43:14,920 --> 00:43:11,720

messages to me with my profile picture

882

00:43:18,670 --> 00:43:14,930

saying we know who you are and where I

883

00:43:20,470 --> 00:43:18,680

live and where my kids go to school they

884

00:43:22,989 --> 00:43:20,480

sent messages knowing the day I head off

885

00:43:26,019 --> 00:43:22,999

from work and they have called my work

886

00:43:28,960 --> 00:43:26,029

I've gone to the police but they are not

887

00:43:31,509 --> 00:43:28,970

interested I've had lots of calls with

888

00:43:33,849 --> 00:43:31,519

numbers withheld one woman said they had

889

00:43:36,039 --> 00:43:33,859

been around to my house and they say

890

00:43:39,279 --> 00:43:36,049

they're going to expose me but it's a

891

00:43:41,109 --> 00:43:39,289

monumental case of mistaken identity but

892

00:43:44,680 --> 00:43:41,119

that's the quality of their research and

893

00:43:46,989 --> 00:43:44,690

quote mr. teen and sent mr. Tiernan has

894

00:43:50,200 --> 00:43:46,999

taken down his facebook page and changed

895

00:43:52,299 --> 00:43:50,210

his phone number quote all it takes is

896

00:43:55,660 --> 00:43:52,309

one absolute nutter to believe all this

897

00:43:58,450 --> 00:43:55,670

stuff in quote mr. teen and said the man

898

00:44:01,809 --> 00:43:58,460

the anti-vaxxers wanted to target was

899

00:44:04,539 --> 00:44:01,819

Peter Tierney not tienen who lives about

900

00:44:07,779 --> 00:44:04,549

a thousand kilometres away mr. Tierney

901
00:44:09,039 --> 00:44:07,789
also known as a reasonable Hank has been

902
00:44:11,049 --> 00:44:09,049
a thorn in the side of the

903
00:44:14,349 --> 00:44:11,059
anti-vaccination movement for years

904
00:44:16,450 --> 00:44:14,359
blogging and exposing the cruel trolling

905
00:44:19,809 --> 00:44:16,460
of bereave parents alerting authorities

906
00:44:22,150 --> 00:44:19,819
to fraudulent behavior and most recently

907
00:44:24,910 --> 00:44:22,160
outing nurses who are spreading

908
00:44:27,759 --> 00:44:24,920
anti-vaccination miss information in

909
00:44:29,499 --> 00:44:27,769
hospitals which has led to the nursing

910
00:44:31,839 --> 00:44:29,509
and midwifery Board of Australia

911
00:44:33,489 --> 00:44:31,849
clamping down on such nurses for his

912
00:44:36,039 --> 00:44:33,499
trouble mr. Tierney has received

913
00:44:38,470 --> 00:44:36,049

hundreds of death threats while

914

00:44:39,549 --> 00:44:38,480

anti-vaxxers have tried for years to

915

00:44:42,279 --> 00:44:39,559

unearth him

916

00:44:44,529 --> 00:44:42,289

the group anti-vaccination Australia

917

00:44:47,410 --> 00:44:44,539

thought they hit pay dirt when they

918

00:44:49,870 --> 00:44:47,420

stumbled across Peter tienen a Byron

919

00:44:52,089 --> 00:44:49,880

bathe physiotherapist who although Pro

920

00:44:54,670 --> 00:44:52,099

vaccination has never stuck up his head

921

00:44:56,890 --> 00:44:54,680

on the issue one well-known and evac sir

922

00:44:59,019 --> 00:44:56,900

Belgian coleg pronounced on the

923

00:45:00,849 --> 00:44:59,029

anti-vaccination Australia facebook site

924

00:45:04,029 --> 00:45:00,859

under the heading urgent public

925

00:45:05,469 --> 00:45:04,039

announcement quote we give great

926

00:45:07,420 --> 00:45:05,479

pleasure in announcing that after

927

00:45:10,569 --> 00:45:07,430

several weeks of Investigation we have

928

00:45:12,549 --> 00:45:10,579

found and located reasonable Hank we

929

00:45:15,069 --> 00:45:12,559

urge all people from byron bay to be

930

00:45:17,799 --> 00:45:15,079

aware that he does work at the ballon a

931

00:45:19,839 --> 00:45:17,809

hospital and is unfortunately in the

932

00:45:22,209 --> 00:45:19,849

heart of most of us anti-vaxxers

933

00:45:25,569 --> 00:45:22,219

reporting and vilifying us for the last

934

00:45:28,269 --> 00:45:25,579

seven years we are now in the process of

935

00:45:30,849 --> 00:45:28,279

organizing a class action against him in

936

00:45:33,789 --> 00:45:30,859

quote the post was accompanied by photos

937

00:45:36,640 --> 00:45:33,799

of peter tienen and his wife sydney

938

00:45:39,640 --> 00:45:36,650

naturopath brett smith wrote on his blog

939

00:45:41,979 --> 00:45:39,650

quote now like most effective farmer

940

00:45:44,709 --> 00:45:41,989

trolls and cowards of course he had to

941

00:45:47,949 --> 00:45:44,719

remain anonymous you can't spend your

942

00:45:50,589 --> 00:45:47,959

entire life slandering all those poor

943

00:45:52,140 --> 00:45:50,599

vaccine damaged families and also have

944

00:45:55,900 --> 00:45:52,150

the courage to do it under your own name

945

00:45:58,479 --> 00:45:55,910

so no Hank in a crafty bit of words Minh

946

00:46:02,559 --> 00:45:58,489

ship altered his name from Peter tienen

947

00:46:05,109 --> 00:46:02,569

to Peter Tierney nice one shank nudge

948

00:46:07,569 --> 00:46:05,119

nudge wink wink and quote he later told

949

00:46:11,709 --> 00:46:07,579

The Sunday Telegraph he stood by his

950

00:46:14,349 --> 00:46:11,719

investigative skills quote I've got the

951
00:46:17,439 --> 00:46:14,359
right man poor Hank he has no idea i've

952
00:46:20,319 --> 00:46:17,449
spoken with both people you can quote me

953
00:46:22,449 --> 00:46:20,329
on that in quote mr. Smith said mr.

954
00:46:24,640 --> 00:46:22,459
tierney also known as reasonable Hank

955
00:46:27,370 --> 00:46:24,650
said he had chosen to remain anonymous

956
00:46:29,349 --> 00:46:27,380
for good reason quote very deliberately

957
00:46:31,509 --> 00:46:29,359
there are no public photographs of me

958
00:46:34,449 --> 00:46:31,519
because the threats have escalated over

959
00:46:37,059 --> 00:46:34,459
the years in quote he said quote one man

960
00:46:39,370 --> 00:46:37,069
said I'm going to come and kill your

961
00:46:41,019 --> 00:46:39,380
whole family another said he was going

962
00:46:44,140 --> 00:46:41,029
to strangle me and others have said

963
00:46:46,239 --> 00:46:44,150

guess what we know where you live now

964

00:46:49,329 --> 00:46:46,249

they are sending messages to my inbox

965

00:46:51,910 --> 00:46:49,339

including a photo of Peter tenon have

966

00:46:52,990 --> 00:46:51,920

sent that as a threat to say we know

967

00:46:56,080 --> 00:46:53,000

what you look like

968

00:46:59,140 --> 00:46:56,090

I'm speechless and how stupid they are

969

00:47:01,450 --> 00:46:59,150

but it's taken a sinister turn and they

970

00:47:03,220 --> 00:47:01,460

don't care about verifying facts but

971

00:47:05,350 --> 00:47:03,230

they have singled out a completely

972

00:47:08,110 --> 00:47:05,360

innocent man in his family and quote

973

00:47:11,230 --> 00:47:08,120

there is no suggestion that either mr.

974

00:47:13,930 --> 00:47:11,240

Smith or miss coleg have made these sort

975

00:47:16,750 --> 00:47:13,940

of threats to either mr. teeny or mr.

976

00:47:18,880 --> 00:47:16,760

teen and when asked if they knew they

977

00:47:21,820 --> 00:47:18,890

had the wrong person and why they were

978

00:47:25,720 --> 00:47:21,830

publicly toggling the wrong Peter Misek

979

00:47:28,390 --> 00:47:25,730

olek said the threats were quote esa in

980

00:47:29,830 --> 00:47:28,400

quote and that quote you have all the

981

00:47:32,980 --> 00:47:29,840

screenshots but you haven't got your

982

00:47:35,410 --> 00:47:32,990

facts right and quote on Friday mr. Cole

983

00:47:37,800 --> 00:47:35,420

AG and mr. Smith pledged to vaccinate

984

00:47:41,020 --> 00:47:37,810

their kids if they were proved wrong

985

00:47:43,690 --> 00:47:41,030

quote if you prove us wrong and you're

986

00:47:45,670 --> 00:47:43,700

not Peter teen and me and brett Smith

987

00:47:47,440 --> 00:47:45,680

are making an official announcement that

988

00:47:49,180 --> 00:47:47,450

we are going to vaccinate our children

989

00:47:52,630 --> 00:47:49,190

and retire from the movement end quote

990

00:47:55,480 --> 00:47:52,640

the post read police are investigating

991

00:47:59,500 --> 00:47:55,490

the threats thank you to Jane Hansen for

992

00:48:01,150 --> 00:47:59,510

that report I will keep you posted when

993

00:48:04,330 --> 00:48:01,160

more developments come to hand it's

994

00:48:07,420 --> 00:48:04,340

going to be interesting to see what the

995

00:48:09,370 --> 00:48:07,430

ramifications are and if these people

996

00:48:12,400 --> 00:48:09,380

whoever they are ultimately responsible

997

00:48:39,410 --> 00:48:12,410

are prosecuted a link in this week's

998

00:48:46,140 --> 00:48:44,430

hey Richard oh hi Trish hi Wow would you

999

00:48:48,330 --> 00:48:46,150

like a coffee yeah thanks what you're

1000

00:48:50,730 --> 00:48:48,340

working on trying to come up with a new

1001

00:48:53,520 --> 00:48:50,740

promo to play on the skeptic zone here's

1002

00:48:55,950 --> 00:48:53,530

it for the good thinking society in the

1003

00:48:58,290 --> 00:48:55,960

UK you know Michael Marshall Simon Singh

1004

00:49:00,060 --> 00:48:58,300

Nora Thomas and that cloud oh yeah I

1005

00:49:02,570 --> 00:49:00,070

know them they've been doing some great

1006

00:49:05,490 --> 00:49:02,580

work investigating veterinary homeopathy

1007

00:49:07,920 --> 00:49:05,500

vetri homeopathy wait you sugarpill this

1008

00:49:09,210 --> 00:49:07,930

for cows I know right and also they're

1009

00:49:12,000 --> 00:49:09,220

looking at some of the dodgy medical

1010

00:49:13,620 --> 00:49:12,010

advice given by UK chiropractors really

1011

00:49:17,370 --> 00:49:13,630

okay look I'll mention all that in the

1012

00:49:21,330 --> 00:49:17,380

promo now their website is good thinking

1013

00:49:23,010 --> 00:49:21,340

society com and they've recently been

1014

00:49:24,690 --> 00:49:23,020

reporting on the resurgence of faith

1015

00:49:27,030 --> 00:49:24,700

healer peter Popoff you know Popeye

1016

00:49:42,069 --> 00:49:27,040

right okay look thanks to that it gives

1017

00:49:49,430 --> 00:49:44,300

they give a listening to the skeptic

1018

00:49:53,750 --> 00:49:49,440

zone and good heavens that last story of

1019

00:49:56,920 --> 00:49:53,760

the appalling stupidity arrogance of the

1020

00:50:01,040 --> 00:49:56,930

conspiracy theorists the anti-vaxxers

1021

00:50:03,200 --> 00:50:01,050

more about that soon I'm sure there will

1022

00:50:05,510 --> 00:50:03,210

be more there'll be ramifications and

1023

00:50:07,490 --> 00:50:05,520

we'll keep you up to date and if you

1024

00:50:09,500 --> 00:50:07,500

want to be kept up to date on many

1025

00:50:11,329 --> 00:50:09,510

things and you're in Australia don't

1026
00:50:12,859 --> 00:50:11,339
forget the Australian skeptics national

1027
00:50:14,960 --> 00:50:12,869
convention is coming up at the end of

1028
00:50:16,760 --> 00:50:14,970
this month link at the show notes or

1029
00:50:18,079 --> 00:50:16,770
just google Australian skeptics National

1030
00:50:21,349 --> 00:50:18,089
Convention you'll find out more about

1031
00:50:23,359 --> 00:50:21,359
that of course I'll be appearing in New

1032
00:50:25,609 --> 00:50:23,369
Zealand in a few weeks at their national

1033
00:50:27,620 --> 00:50:25,619
conference again link on the show notes

1034
00:50:29,660 --> 00:50:27,630
and if you're in New Zealand it would be

1035
00:50:31,760 --> 00:50:29,670
great to see you the conference will be

1036
00:50:34,520 --> 00:50:31,770
in Queenstown at the beginning of

1037
00:50:37,190 --> 00:50:34,530
december thanks to those people who keep

1038
00:50:40,099 --> 00:50:37,200

asking me how the skeptics own kittens

1039

00:50:41,780 --> 00:50:40,109

are well I don't know how long a kitten

1040

00:50:44,089 --> 00:50:41,790

as a kitten before it becomes a cat but

1041

00:50:46,550 --> 00:50:44,099

I think they're cats now Henrietta

1042

00:50:49,059 --> 00:50:46,560

weighed in today at four point five

1043

00:50:52,490 --> 00:50:49,069

kilos and maude weighed in at four kilos

1044

00:50:53,809 --> 00:50:52,500

so they're not little kittens anymore we

1045

00:50:56,470 --> 00:50:53,819

might have to interview them next week

1046

00:50:58,609 --> 00:50:56,480

on the show see what their opinions are

1047

00:51:00,319 --> 00:50:58,619

thank you to all those people who came

1048

00:51:02,270 --> 00:51:00,329

along to skeptics in the pub just the

1049

00:51:04,550 --> 00:51:02,280

other night it was fabulous it was

1050

00:51:06,589 --> 00:51:04,560

packed we had a huge turnout here in

1051
00:51:11,180 --> 00:51:06,599
Sydney for skeptics in the pub where we

1052
00:51:13,569 --> 00:51:11,190
enjoy to talk about nigerian scammers

1053
00:51:16,490 --> 00:51:13,579
and things like that how people can be

1054
00:51:17,930 --> 00:51:16,500
sucked in how they're gullible now some

1055
00:51:20,480 --> 00:51:17,940
people can be gullible to these sort of

1056
00:51:23,390 --> 00:51:20,490
scams and if you want to be kept abreast

1057
00:51:27,250 --> 00:51:23,400
of goings-on with the local scene here

1058
00:51:31,250 --> 00:51:27,260
in sydney i suggest you go to meetup com

1059
00:51:33,800 --> 00:51:31,260
/a ust skeptics aust skeptics sign up

1060
00:51:35,900 --> 00:51:33,810
there and you will be kept up to date

1061
00:51:39,740 --> 00:51:35,910
when their announcements to be made

1062
00:51:42,410 --> 00:51:39,750
though will appear and you can reserve

1063
00:51:45,920 --> 00:51:42,420

your place at the pub then just between

1064

00:51:47,900 --> 00:51:45,930

you and me early next year we have a

1065

00:51:50,150 --> 00:51:47,910

pretty big name appearing at skeptics in

1066

00:51:52,069 --> 00:51:50,160

the pub so that's probably a wise thing

1067

00:51:53,690 --> 00:51:52,079

to do is to put yourself down on the

1068

00:51:57,050 --> 00:51:53,700

meetup list so you get advanced

1069

00:51:58,460 --> 00:51:57,060

notification I certainly will thank you

1070

00:52:00,560 --> 00:51:58,470

to all those people who said hello to me

1071

00:52:01,940 --> 00:52:00,570

at the origami convention last week here

1072

00:52:04,310 --> 00:52:01,950

in Sydney that was a great time had a

1073

00:52:07,130 --> 00:52:04,320

wonderful time and I gave a lesson in

1074

00:52:09,350 --> 00:52:07,140

how to fold the Flying Pig Pegasus if

1075

00:52:10,940 --> 00:52:09,360

you want to learn how to fly a fly that

1076
00:52:14,600 --> 00:52:10,950
would be fun if you want to learn how to

1077
00:52:16,610 --> 00:52:14,610
fold your own flying pig the James Randi

1078
00:52:18,620 --> 00:52:16,620
Educational Foundation that their logo

1079
00:52:22,610 --> 00:52:18,630
the flying pig because us just Google

1080
00:52:24,770 --> 00:52:22,620
Pegasus and origami or go to youtube and

1081
00:52:26,780 --> 00:52:24,780
look up for origami Pegasus and you'll

1082
00:52:29,120 --> 00:52:26,790
find me giving instructions there video

1083
00:52:30,980 --> 00:52:29,130
instructions but now with the bird still

1084
00:52:32,870 --> 00:52:30,990
singing outside the window flying past

1085
00:52:35,000 --> 00:52:32,880
occasionally which amuses the skeptics

1086
00:52:41,960 --> 00:52:35,010
own cats this is Richard Saunders

1087
00:52:43,580 --> 00:52:41,970
signing off from Sydney Australia you've

1088
00:52:47,150 --> 00:52:43,590

been listening to the skeptics own

1089

00:52:50,090 --> 00:52:47,160

podcast visit our website at wwc a

1090

00:52:53,510 --> 00:52:50,100

petting zoo TV for contacts an archive

1091

00:52:56,210 --> 00:52:53,520

of all episodes since 2008 and our

1092

00:52:58,120 --> 00:52:56,220

online store please support the skeptic

1093

00:53:01,310 --> 00:52:58,130

zone by following us on twitter at

1094

00:53:04,940 --> 00:53:01,320

skeptic zone liking us on facebook and

1095

00:53:07,100 --> 00:53:04,950

leaving a review on iTunes you can also

1096

00:53:10,270 --> 00:53:07,110

show your support by subscribing via

1097

00:53:13,040 --> 00:53:10,280

paypal for as little as 99 cents a week

1098

00:53:14,660 --> 00:53:13,050

the skeptic zone is an independent

1099

00:53:17,120 --> 00:53:14,670

production the views and opinions

1100

00:53:18,740 --> 00:53:17,130

expressed on the skeptic zone and not

1101

00:53:21,620 --> 00:53:18,750

necessarily those of Australian

1102

00:53:31,680 --> 00:53:21,630

skeptically or any other skeptical

1103

00:53:45,250 --> 00:53:39,970

if you mean quiet Oh get closer where is

1104

00:53:48,370 --> 00:53:45,260

it here yeah this is me this is the

1105

00:53:50,590 --> 00:53:48,380

skeptics own podcast no wait no I'm the

1106

00:53:53,440 --> 00:53:50,600

skeptics own podcast and Europe no wait

1107

00:53:55,510 --> 00:53:53,450

I wait I'm George Rob and the skeptics

1108

00:53:59,280 --> 00:53:55,520

own podcast is listening to me no wait

1109

00:54:08,590 --> 00:53:59,290

the skeptics out podcasting is cool for

1110

00:54:09,880 --> 00:54:08,600

koalas skeptic zone is potting hi this

1111

00:54:24,790 --> 00:54:09,890

is George Rob and you're listening to

1112

00:54:26,530 --> 00:54:24,800

the skeptic zone podcast well he hasn't