

1
00:00:00,000 --> 00:00:09,099
[Music]

2
00:00:06,009 --> 00:00:11,849
welcome to the skeptic zone the podcast

3
00:00:09,099 --> 00:00:13,919
from Australia for science and reason

4
00:00:11,849 --> 00:00:16,960
[Music]

5
00:00:13,919 --> 00:00:16,960
[Applause]

6
00:00:22,629 --> 00:00:29,710
yes it's the skeptics are an episode

7
00:00:25,010 --> 00:00:31,790
number 486 for the 11th of February 2018

8
00:00:29,710 --> 00:00:35,539
richardsaunders here with you from

9
00:00:31,789 --> 00:00:39,488
Sydney Australia and I'm almost over the

10
00:00:35,539 --> 00:00:42,229
wretched skeptic cold flu / man flu /

11
00:00:39,488 --> 00:00:44,359
whatever the hell it was I think you can

12
00:00:42,229 --> 00:00:47,779
hear my voice it's not quite there yet

13
00:00:44,359 --> 00:00:49,939
but well 90% and that's better than

14
00:00:47,780 --> 00:00:51,710
nothing coming up on this week's show

15
00:00:49,939 --> 00:00:54,530
gonna kick off with an old friend of

16
00:00:51,710 --> 00:00:59,179
mine professor Paul Willis who is the

17
00:00:54,530 --> 00:01:00,859
CEO of media engagement services Paul is

18
00:00:59,179 --> 00:01:04,519
going to be talking to us about his

19
00:01:00,859 --> 00:01:07,819
opinion on the religious freedom review

20
00:01:04,519 --> 00:01:10,100
the review currently under way now Paul

21
00:01:07,819 --> 00:01:12,559
has very strong opinions on this as

22
00:01:10,099 --> 00:01:14,989
you'll hear in his segment and he makes

23
00:01:12,560 --> 00:01:18,579
the case that religion should keep its

24
00:01:14,989 --> 00:01:21,859
nose out of politics in a big way a

25
00:01:18,579 --> 00:01:24,099
piece of his mind with Professor Paul

26
00:01:21,859 --> 00:01:26,900
Willis coming up at the top of the show

27
00:01:24,099 --> 00:01:29,599
then after that we are interviewing bill

28
00:01:26,900 --> 00:01:31,750
Nouveau from Canada a magician and a

29

00:01:29,599 --> 00:01:34,419
skeptic a skeptic with a keen eye

30
00:01:31,750 --> 00:01:38,420
because he was watching a show called

31
00:01:34,420 --> 00:01:41,659
the Dragons Den similar to the shark

32
00:01:38,420 --> 00:01:44,599
tank and he noticed some old applied

33
00:01:41,659 --> 00:01:46,189
kinesiology tricks he wrote into the

34
00:01:44,599 --> 00:01:50,059
Canadian no TV network

35
00:01:46,189 --> 00:01:53,030
CBC protesting and they had him on the

36
00:01:50,060 --> 00:01:54,920
marketplace show to follow up a good

37
00:01:53,030 --> 00:01:57,530
lesson for skeptics everywhere bill

38
00:01:54,920 --> 00:02:00,260
didn't sit back and groan he actually

39
00:01:57,530 --> 00:02:02,060
took action ended up on TV and will

40
00:02:00,260 --> 00:02:04,310
you'll hear the rest later on the show

41
00:02:02,060 --> 00:02:07,579
when we interview magician and skeptic

42
00:02:04,310 --> 00:02:09,348
bill Nouveau then it's Heidi Robinson

43
00:02:07,579 --> 00:02:12,859

back again the raw skeptic with a tale

44

00:02:09,348 --> 00:02:15,829

of diphtheria now there's a word you

45

00:02:12,860 --> 00:02:18,500

don't hear much anymore diphtheria like

46

00:02:15,830 --> 00:02:20,469

cholera and these sort of things things

47

00:02:18,500 --> 00:02:24,050

that you might think of from history a

48

00:02:20,469 --> 00:02:26,719

report about diphtheria a strange thing

49

00:02:24,050 --> 00:02:29,150

to be reporting about in 2018 with Heidi

50

00:02:26,719 --> 00:02:33,469

Robertson then to round off the show

51

00:02:29,150 --> 00:02:34,360

more medical lunacy a report from Sydney

52

00:02:33,469 --> 00:02:36,939

Morning Herald

53

00:02:34,360 --> 00:02:41,860

an opinion piece by dr. ken Harvey about

54

00:02:36,939 --> 00:02:43,780

some of the ridiculous indications being

55

00:02:41,860 --> 00:02:46,690

considered by the Therapeutic Goods

56

00:02:43,780 --> 00:02:48,640

Administration you haven't heard

57

00:02:46,689 --> 00:02:51,639

anything yet folks this is worse than a

58
00:02:48,639 --> 00:02:53,889
match Brothers movie in fact I think

59
00:02:51,639 --> 00:02:56,049
Groucho Marx would make a better doctor

60
00:02:53,889 --> 00:02:59,619
and she was a doctor in one of his

61
00:02:56,050 --> 00:03:00,760
movies dr. Quackenbush I think lunacy

62
00:02:59,620 --> 00:03:02,950
from the Therapeutic Goods

63
00:03:00,759 --> 00:03:06,519
Administration to round off this episode

64
00:03:02,949 --> 00:03:09,250
of the skeptic zone now I notice over at

65
00:03:06,520 --> 00:03:11,230
Maynard Comte you may not spur do Singh

66
00:03:09,250 --> 00:03:14,289
more podcasts with Tim Ferguson Banga

67
00:03:11,229 --> 00:03:16,389
Banga bus Maynard's own planet Maynard

68
00:03:14,289 --> 00:03:18,250
podcasts in fact they were just recently

69
00:03:16,389 --> 00:03:20,979
the subject of another podcast in the

70
00:03:18,250 --> 00:03:22,300
States which reviews other podcasts but

71
00:03:20,979 --> 00:03:24,280
of course they gave Banga Banga a

72
00:03:22,300 --> 00:03:26,430
favorable review if you don't listen to

73
00:03:24,280 --> 00:03:29,169
planet Maynard head over to Maynard

74
00:03:26,430 --> 00:03:30,909
uncom dot a you for lots of laughs but

75
00:03:29,169 --> 00:03:36,549
now it's time for me to run downstairs

76
00:03:30,909 --> 00:03:38,769
have some more tea with honey and ginger

77
00:03:36,550 --> 00:03:42,250
ginger tea with honey or is it honey tea

78
00:03:38,769 --> 00:03:43,750
with ginger something like that taking

79
00:03:42,250 --> 00:03:45,400
care not to trip over the cat's who are

80
00:03:43,750 --> 00:03:47,500
waiting outside the door because they

81
00:03:45,400 --> 00:03:49,420
were too noisy in here before they can

82
00:03:47,500 --> 00:03:51,400
see their shadows isn't that like a

83
00:03:49,419 --> 00:03:53,199
horror movie when you look under a door

84
00:03:51,400 --> 00:03:54,909
crack and you can see the shadows or

85
00:03:53,199 --> 00:03:57,849
something moving outside well it's only

86

00:03:54,909 --> 00:04:00,909
the sceptic zone cats maybe they want

87
00:03:57,849 --> 00:04:04,889
their dinner mmm well I run downstairs I

88
00:04:00,909 --> 00:04:04,889
hope you enjoy the skipping zone

89
00:04:04,919 --> 00:04:27,649
a piece of his mind

90
00:04:28,029 --> 00:04:32,129
with Professor Paul Willis

91
00:04:33,490 --> 00:04:43,500
[Music]

92
00:04:38,160 --> 00:04:46,050
I want to start this little rant by

93
00:04:43,500 --> 00:04:49,529
clearly stating I have no problems with

94
00:04:46,050 --> 00:04:50,970
anyone believing whatever they like no

95
00:04:49,529 --> 00:04:53,639
religion is too weird

96
00:04:50,970 --> 00:04:56,190
no cult too loopy that if someone wants

97
00:04:53,639 --> 00:04:59,099
to follow those beliefs Who am I to stop

98
00:04:56,189 --> 00:05:00,839
them go right ahead knock yourself out

99
00:04:59,100 --> 00:05:03,360
with your spiritual journey of

100
00:05:00,839 --> 00:05:05,369

self-discovery you can even drop me the

101

00:05:03,360 --> 00:05:07,560

occasional postcard from your travels

102

00:05:05,370 --> 00:05:10,410

and let me know hey getting along I'm

103

00:05:07,560 --> 00:05:14,129

happy for you but don't expect me to

104

00:05:10,410 --> 00:05:17,340

join you there are only three caveats I

105

00:05:14,129 --> 00:05:21,149

have around religions and belief your

106

00:05:17,339 --> 00:05:23,489

beliefs must not harm you or others you

107

00:05:21,149 --> 00:05:27,000

have no right to impose your belief on

108

00:05:23,490 --> 00:05:29,850

anyone else and all of your beliefs and

109

00:05:27,000 --> 00:05:33,149

practices must conform to the secular

110

00:05:29,850 --> 00:05:36,150

law of this country that is what

111

00:05:33,149 --> 00:05:40,370

secularism is all about freedom of

112

00:05:36,149 --> 00:05:43,679

religion but also freedom from religion

113

00:05:40,370 --> 00:05:45,269

personally I have no beliefs I don't

114

00:05:43,680 --> 00:05:47,759

think that belief is a particularly

115
00:05:45,269 --> 00:05:50,459
useful way to gain knowledge to me

116
00:05:47,759 --> 00:05:53,519
belief is about accepting a proposition

117
00:05:50,459 --> 00:05:56,459
without evidence and that is a complete

118
00:05:53,519 --> 00:05:59,069
anathema to me I consider myself a

119
00:05:56,459 --> 00:06:02,549
rationalist I only accept what the

120
00:05:59,069 --> 00:06:05,009
evidence tells me to accept so bereft of

121
00:06:02,550 --> 00:06:08,668
evidence beliefs don't even enter into

122
00:06:05,009 --> 00:06:11,490
my equations given my three caveats

123
00:06:08,668 --> 00:06:14,310
around beliefs I get very angry when I

124
00:06:11,490 --> 00:06:17,069
see various churches and other religious

125
00:06:14,310 --> 00:06:20,310
groups wanting to act outside of the

126
00:06:17,069 --> 00:06:22,680
secular laws of this country claims for

127
00:06:20,310 --> 00:06:26,160
such actions are usually put forward

128
00:06:22,680 --> 00:06:29,040
under the name of religious freedom but

129
00:06:26,160 --> 00:06:32,400
such actions are in fact usually quite

130
00:06:29,040 --> 00:06:34,770
the opposite religious freedom is the

131
00:06:32,399 --> 00:06:37,560
freedom to choose what religion you want

132
00:06:34,769 --> 00:06:41,579
to follow and to involve yourself in the

133
00:06:37,560 --> 00:06:43,680
practices of that religion freedom from

134
00:06:41,579 --> 00:06:45,209
religion means that you should not have

135
00:06:43,680 --> 00:06:47,310
to put up with the doctrines or

136
00:06:45,209 --> 00:06:50,759
practices of religions that you don't

137
00:06:47,310 --> 00:06:51,959
agree with the latest kerfuffle about

138
00:06:50,759 --> 00:06:54,750
religious freedom

139
00:06:51,959 --> 00:06:56,849
centers around the Ruddick review this

140
00:06:54,750 --> 00:06:59,519
was set up to appease some of the more

141
00:06:56,850 --> 00:07:02,070
strident churches and religious groups

142
00:06:59,519 --> 00:07:05,159
after the gay marriage debate concluded

143

00:07:02,069 --> 00:07:07,918
late last year their contention is that

144
00:07:05,160 --> 00:07:09,930
their religious freedom will be affected

145
00:07:07,918 --> 00:07:13,049
if they are forced to recognize gay

146
00:07:09,930 --> 00:07:16,439
marriage what they're seeking is the

147
00:07:13,050 --> 00:07:19,829
right to operate outside of secular laws

148
00:07:16,439 --> 00:07:21,689
of Australia specifically they want

149
00:07:19,829 --> 00:07:24,240
exemptions around Australia's

150
00:07:21,689 --> 00:07:26,550
international obligations as well as

151
00:07:24,240 --> 00:07:28,680
state and federal laws concerning

152
00:07:26,550 --> 00:07:32,120
freedom of thought conscience and

153
00:07:28,680 --> 00:07:35,939
religious belief they want the rights to

154
00:07:32,120 --> 00:07:39,629
discriminate ironically they already

155
00:07:35,939 --> 00:07:41,699
have that as pointed out in a 2015

156
00:07:39,629 --> 00:07:43,709
submission from the Law Council of

157
00:07:41,699 --> 00:07:45,990

Australia to the then Human Rights

158

00:07:43,709 --> 00:07:48,629

Commissioner Tim Wilson there are

159

00:07:45,990 --> 00:07:51,990

already strong protections for freedom

160

00:07:48,629 --> 00:07:54,240

of religion in Australia to quote from

161

00:07:51,990 --> 00:07:56,699

that submission under some state and

162

00:07:54,240 --> 00:07:59,250

territory anti-discrimination laws if

163

00:07:56,699 --> 00:08:02,220

there is a conflict between religious

164

00:07:59,250 --> 00:08:04,139

freedom and equality before the law the

165

00:08:02,220 --> 00:08:04,800

right to discriminate on religious

166

00:08:04,139 --> 00:08:08,250

grounds

167

00:08:04,800 --> 00:08:11,848

may be justified but only when and if

168

00:08:08,250 --> 00:08:13,918

necessary so what the law Council of

169

00:08:11,848 --> 00:08:16,259

Australia is saying there is that

170

00:08:13,918 --> 00:08:18,899

religions already have the right to

171

00:08:16,259 --> 00:08:23,038

discriminate contrary to common law of

172
00:08:18,899 --> 00:08:26,250
Australia why should any group be they

173
00:08:23,038 --> 00:08:30,000
religious or otherwise be given special

174
00:08:26,250 --> 00:08:32,059
privileges above secular law as we have

175
00:08:30,000 --> 00:08:35,309
seen from the Royal Commission into the

176
00:08:32,059 --> 00:08:38,939
institutional abuse of children that is

177
00:08:35,309 --> 00:08:40,699
a very dangerous thing to do the Royal

178
00:08:38,940 --> 00:08:43,800
Commission revealed a gut-wrenching

179
00:08:40,700 --> 00:08:45,660
litany of child abuse across many

180
00:08:43,799 --> 00:08:49,078
churches and other religious

181
00:08:45,659 --> 00:08:51,088
institutions in many cases the clergy

182
00:08:49,078 --> 00:08:54,539
didn't even realize they were acting

183
00:08:51,089 --> 00:08:57,120
outside of the law and in no case did

184
00:08:54,539 --> 00:09:00,480
the church leaders take the offenders to

185
00:08:57,120 --> 00:09:03,710
the police plainly they were putting

186

00:09:00,480 --> 00:09:05,120

Church law above common law

187

00:09:03,710 --> 00:09:06,680

and it got worse when the

188

00:09:05,120 --> 00:09:08,929

recommendations of the Commission were

189

00:09:06,679 --> 00:09:11,209

finally released one of those

190

00:09:08,929 --> 00:09:13,549

recommendations was that the doctrine of

191

00:09:11,210 --> 00:09:16,040

the Catholic Church around the sanctity

192

00:09:13,549 --> 00:09:18,529

of the confessional should be revised in

193

00:09:16,039 --> 00:09:21,159

other words if a priest hears a

194

00:09:18,529 --> 00:09:24,579

confession of sexual abuse of a child

195

00:09:21,159 --> 00:09:27,049

they should report it to the authorities

196

00:09:24,580 --> 00:09:29,300

predictably instead of the Catholic

197

00:09:27,049 --> 00:09:31,609

Church giving careful consideration of

198

00:09:29,299 --> 00:09:34,459

this and other recommendations from the

199

00:09:31,610 --> 00:09:36,740

Commission they came out swinging that

200

00:09:34,460 --> 00:09:39,769
this was an abuse of their religious

201
00:09:36,740 --> 00:09:41,930
freedom some clerics even came out and

202
00:09:39,769 --> 00:09:44,199
said they would rather go to jail than

203
00:09:41,929 --> 00:09:47,209
break the seal of the confessional I

204
00:09:44,200 --> 00:09:48,980
would think that if any crime is covered

205
00:09:47,210 --> 00:09:51,560
up under the guise of religious freedom

206
00:09:48,980 --> 00:09:55,070
then a jail term is probably the correct

207
00:09:51,559 --> 00:09:57,379
punishment that is not an expression of

208
00:09:55,070 --> 00:10:01,010
religious freedom it is aiding and

209
00:09:57,379 --> 00:10:03,259
abetting a crime no laws should be

210
00:10:01,009 --> 00:10:07,100
suspended at the door of the

211
00:10:03,259 --> 00:10:09,500
confessional so this is why I and so

212
00:10:07,100 --> 00:10:11,779
many other people are getting steamed up

213
00:10:09,500 --> 00:10:13,429
about the Ruddick review I'm an

214
00:10:11,779 --> 00:10:15,889

ambassador for the national secular

215

00:10:13,429 --> 00:10:18,379

Lobby a group who promotes secular

216

00:10:15,889 --> 00:10:19,909

policy in Australia we put in a

217

00:10:18,379 --> 00:10:22,460

submission to the Radek review that

218

00:10:19,909 --> 00:10:24,769

basically said there are already too

219

00:10:22,460 --> 00:10:26,600

many protections of religion and that

220

00:10:24,769 --> 00:10:29,240

all religious practices ought to be

221

00:10:26,600 --> 00:10:32,240

brought back into accord with Australian

222

00:10:29,240 --> 00:10:34,879

law but most of the other submissions

223

00:10:32,240 --> 00:10:37,610

have been from religious groups arguing

224

00:10:34,879 --> 00:10:40,519

for more protection of what they see as

225

00:10:37,610 --> 00:10:42,769

their religious freedoms the freedom to

226

00:10:40,519 --> 00:10:46,279

discriminate the freedom to act in

227

00:10:42,769 --> 00:10:50,029

secrecy the freedom to act outside of

228

00:10:46,279 --> 00:10:53,689

the law while that voice must be heard

229
00:10:50,029 --> 00:10:57,919
in a free and fair society that path

230
00:10:53,690 --> 00:11:01,280
must not be followed get religion out of

231
00:10:57,919 --> 00:11:04,370
Australian politics bring all religions

232
00:11:01,279 --> 00:11:08,750
back to being law-abiding organisations

233
00:11:04,370 --> 00:11:11,870
we the non-religious are only asking the

234
00:11:08,750 --> 00:11:14,899
religious to act with decency and

235
00:11:11,870 --> 00:11:18,500
clarity those are supposed to be the

236
00:11:14,899 --> 00:11:22,329
domains of the religions why can't they

237
00:11:18,500 --> 00:11:22,330
behave as they preach

238
00:11:24,399 --> 00:11:30,169
[Music]

239
00:11:26,409 --> 00:11:33,169
submissions for the erotic review closed

240
00:11:30,169 --> 00:11:35,688
this Wednesday if you want your opinion

241
00:11:33,169 --> 00:11:38,299
just heard Google religious freedom

242
00:11:35,688 --> 00:11:56,299
review or just click link in this week's

243
00:11:38,299 --> 00:11:57,888
show notes dr. Kyle Kyle Chris was he

244
00:11:56,299 --> 00:12:00,169
proud to be skeptic and you can find out

245
00:11:57,889 --> 00:12:03,519
more about me at dr. Kyle calm and get

246
00:12:00,169 --> 00:12:03,519
lots of free stuff there as well

247
00:12:04,980 --> 00:12:20,470
[Music]

248
00:12:17,278 --> 00:12:23,528
and joining me now all the way from

249
00:12:20,470 --> 00:12:25,509
Windsor Ontario Canada it sounds like a

250
00:12:23,528 --> 00:12:27,610
great place to be especially this time

251
00:12:25,509 --> 00:12:31,720
of year nice and cold I bet it's bill

252
00:12:27,610 --> 00:12:34,750
Nouveau hello bill hello nice to catch

253
00:12:31,720 --> 00:12:37,570
up with you and before we get started on

254
00:12:34,750 --> 00:12:40,299
the topic which is the TV show in Canada

255
00:12:37,570 --> 00:12:42,220
called the Dragons Den internationally

256
00:12:40,299 --> 00:12:44,199
that's got other variations in Australia

257

00:12:42,220 --> 00:12:45,519
that's known as the shark tank but it's

258
00:12:44,200 --> 00:12:48,370
more or less the same thing we'll get to

259
00:12:45,519 --> 00:12:50,620
that soon can you tell our audience a

260
00:12:48,370 --> 00:12:53,169
little bit about yourself a bit of a bit

261
00:12:50,620 --> 00:12:54,519
about your background and your scam

262
00:12:53,169 --> 00:12:57,490
busting activities

263
00:12:54,519 --> 00:13:02,409
well let's start off with um by trade

264
00:12:57,490 --> 00:13:04,629
profession a magician I do magic a

265
00:13:02,409 --> 00:13:06,669
little bit of juggling I even do a

266
00:13:04,629 --> 00:13:08,769
little bit of a DJ work as well I

267
00:13:06,669 --> 00:13:11,528
started when I was like seven years old

268
00:13:08,769 --> 00:13:19,990
performing and it's now like what 35

269
00:13:11,528 --> 00:13:24,838
years later performing for a while and I

270
00:13:19,990 --> 00:13:28,329
guess boat I know 12 13 years ago is a

271
00:13:24,839 --> 00:13:31,300

you know I was exposed more to James

272

00:13:28,328 --> 00:13:36,189

Randi and also with Penn & Teller with

273

00:13:31,299 --> 00:13:38,769

their episodes right so just a

274

00:13:36,190 --> 00:13:40,690

whole accumulation of that and you know

275

00:13:38,769 --> 00:13:43,480

I just started really researching into

276

00:13:40,690 --> 00:13:47,740

you know what magicians have done in

277

00:13:43,480 --> 00:13:50,170

debunking scam so I kind of basically

278

00:13:47,740 --> 00:13:51,759

got inspired from them I think a lot of

279

00:13:50,169 --> 00:13:53,319

people have the same story in the

280

00:13:51,759 --> 00:13:55,870

skeptical industry I certainly was

281

00:13:53,320 --> 00:13:58,660

inspired by the works of James James

282

00:13:55,870 --> 00:14:01,509

Randi and many people are of course but

283

00:13:58,659 --> 00:14:04,000

I noticed he's got a long career he's

284

00:14:01,509 --> 00:14:07,360

still going good yeah yeah for sure

285

00:14:04,000 --> 00:14:09,250

and I noticed you've even set up I guess

286

00:14:07,360 --> 00:14:14,199

it's your your own site which is called

287

00:14:09,250 --> 00:14:18,159

scam busting yeah I started that a few

288

00:14:14,198 --> 00:14:20,078

years ago because I was debunking things

289

00:14:18,159 --> 00:14:23,708

like online on social media and stuff

290

00:14:20,078 --> 00:14:25,899

like that and my girlfriend and

291

00:14:23,708 --> 00:14:27,789

suggested that once you write up a blog

292

00:14:25,899 --> 00:14:29,179

you know put all those thoughts into a

293

00:14:27,789 --> 00:14:31,009

blog maybe you know other people

294

00:14:29,179 --> 00:14:33,739

we'll see it and I was like you know

295

00:14:31,009 --> 00:14:35,720

that's a good idea you know to help you

296

00:14:33,740 --> 00:14:38,539

know teach other people what the what to

297

00:14:35,720 --> 00:14:40,460

look out for absolutely I think it's a

298

00:14:38,539 --> 00:14:42,349

good thing to share your knowledge I'll

299

00:14:40,460 --> 00:14:44,629

link to this website folks in the show

300
00:14:42,350 --> 00:14:47,570
notes but it's called scam busting 101

301
00:14:44,629 --> 00:14:49,759
and what I also do is I'll link to your

302
00:14:47,570 --> 00:14:51,350
other website which is Nouveau

303
00:14:49,759 --> 00:14:53,960
entertainment that's all really about

304
00:14:51,350 --> 00:14:57,680
you and how people can I guess engage

305
00:14:53,960 --> 00:14:59,570
your services yeah yeah for sure well

306
00:14:57,679 --> 00:15:03,169
let's get to the topic in hand now some

307
00:14:59,570 --> 00:15:05,680
weeks ago I noticed online and it may

308
00:15:03,169 --> 00:15:08,000
have been you who alerted me to this

309
00:15:05,679 --> 00:15:13,219
although I must admit several people did

310
00:15:08,000 --> 00:15:15,679
on the Canadian show on the CBC network

311
00:15:13,220 --> 00:15:17,060
it's called Dragons Den and for those of

312
00:15:15,679 --> 00:15:18,919
you who don't know this is the sort of

313
00:15:17,059 --> 00:15:21,079
show where they get these business

314

00:15:18,919 --> 00:15:23,269
entrepreneurs sitting around and people

315
00:15:21,080 --> 00:15:25,370
come up and pitch ideas to them in the

316
00:15:23,269 --> 00:15:28,759
hopes that the entrepreneurs will fund

317
00:15:25,370 --> 00:15:31,370
their their scheme in exchange for a

318
00:15:28,759 --> 00:15:34,309
piece of the action so they'll give them

319
00:15:31,370 --> 00:15:36,320
\$10,000 but I expect a certain amount of

320
00:15:34,309 --> 00:15:39,169
the profits or whatever it is it's a bit

321
00:15:36,320 --> 00:15:41,330
of a wheeling dealing situation and so

322
00:15:39,169 --> 00:15:45,459
some weeks ago an episode aired in

323
00:15:41,330 --> 00:15:50,540
Canada where a chiropractor came on and

324
00:15:45,460 --> 00:15:53,750
tried to convince the the Dragons now

325
00:15:50,539 --> 00:15:55,370
he's wonderful new invention bill maybe

326
00:15:53,750 --> 00:15:58,429
you can fill us in a little bit about

327
00:15:55,370 --> 00:16:00,769
that yeah I believe that episode was

328
00:15:58,429 --> 00:16:04,819

really December I think it was ah right

329

00:16:00,769 --> 00:16:08,960

right yeah and yeah when I saw it I was

330

00:16:04,820 --> 00:16:10,580

I was in shock is there's no other way

331

00:16:08,960 --> 00:16:12,590

to say I mean when I even children my

332

00:16:10,580 --> 00:16:14,000

girlfriend she just stood mouth open

333

00:16:12,590 --> 00:16:16,070

gaping dis going like she couldn't

334

00:16:14,000 --> 00:16:18,110

believe that they fell for this thing

335

00:16:16,070 --> 00:16:20,480

but basically yeah it aired in this

336

00:16:18,110 --> 00:16:24,879

chiropractor was demonstrating these

337

00:16:20,480 --> 00:16:29,000

clips which he claimed had some sort of

338

00:16:24,879 --> 00:16:31,189

quantum mystical force that made you you

339

00:16:29,000 --> 00:16:33,440

know be better balanced or stronger in

340

00:16:31,190 --> 00:16:39,230

various other claims or as they even

341

00:16:33,440 --> 00:16:42,080

said on the show more athletic is very

342

00:16:39,230 --> 00:16:42,590

ambiguous I wish I was more athletic

343
00:16:42,080 --> 00:16:44,420
what

344
00:16:42,590 --> 00:16:47,840
I'll do now is I'll play a short clip

345
00:16:44,419 --> 00:16:51,019
and this is taken from the CBC show

346
00:16:47,840 --> 00:16:54,980
marketplace and this is I imagine it's a

347
00:16:51,019 --> 00:16:56,539
show designed to help protect consumer

348
00:16:54,980 --> 00:16:58,670
rights in Canada is that more or less

349
00:16:56,539 --> 00:17:01,849
what they do yeah it's a yeah it's a

350
00:16:58,669 --> 00:17:03,829
consumer advocacy show all right well

351
00:17:01,850 --> 00:17:06,170
let me play a short clip from that in in

352
00:17:03,830 --> 00:17:09,049
this clip it's where the chiropractor

353
00:17:06,170 --> 00:17:16,039
comes on to the stage to start to sell

354
00:17:09,049 --> 00:17:18,319
his product that's right the little

355
00:17:16,039 --> 00:17:23,029
wonder it's got their national debut on

356
00:17:18,319 --> 00:17:25,369
the CBC next up a duo from Collingwood

357
00:17:23,029 --> 00:17:27,319
Ontario when meet us and his sidekick

358
00:17:25,369 --> 00:17:29,479
pitched their product they came looking

359
00:17:27,319 --> 00:17:31,759
for a hundred thousand dragon dollar

360
00:17:29,480 --> 00:17:33,980
product is neural Connect and they came

361
00:17:31,759 --> 00:17:36,079
armed with impressive claims I'm a

362
00:17:33,980 --> 00:17:38,509
chiropractor and I've developed a

363
00:17:36,079 --> 00:17:41,389
technology to help people's backs get

364
00:17:38,509 --> 00:17:42,890
better and stay better the devices I

365
00:17:41,390 --> 00:17:45,740
have developed are with a team of

366
00:17:42,890 --> 00:17:47,450
physicists and they change the atomic

367
00:17:45,740 --> 00:17:49,849
structure of the components of these

368
00:17:47,450 --> 00:17:52,730
devices to cause the nervous system to

369
00:17:49,849 --> 00:17:56,119
respond when you're wearing them and as

370
00:17:52,730 --> 00:17:57,769
a result the muscles work better and the

371

00:17:56,119 --> 00:18:00,799
joints work better as well

372
00:17:57,769 --> 00:18:02,809
to prove his point meatus experiments on

373
00:18:00,799 --> 00:18:05,569
the dragon reach up like you're reaching

374
00:18:02,809 --> 00:18:09,829
up onto a shelf you gotta wonder though

375
00:18:05,569 --> 00:18:14,839
is this really science or showmanship he

376
00:18:09,829 --> 00:18:16,659
clips on his invention and now you'll

377
00:18:14,839 --> 00:18:18,548
see how much stronger you are that's

378
00:18:16,660 --> 00:18:21,919
crazy

379
00:18:18,548 --> 00:18:25,150
stronger and supposedly more balanced

380
00:18:21,919 --> 00:18:28,880
the clips can cost 40 to 120 bucks

381
00:18:25,150 --> 00:18:31,280
that's got the Dragons attention so bill

382
00:18:28,880 --> 00:18:34,669
he was making some pretty amazing claims

383
00:18:31,279 --> 00:18:36,408
and again folks I'll link to the to the

384
00:18:34,669 --> 00:18:39,080
article and the video so you can see

385
00:18:36,409 --> 00:18:40,880

this all for yourself but as you saw and

386

00:18:39,079 --> 00:18:43,189

as I saw when we were watching this he

387

00:18:40,880 --> 00:18:45,980

was doing more or less the old balance

388

00:18:43,190 --> 00:18:49,159

tricks wasn't he yeah the the old

389

00:18:45,980 --> 00:18:51,980

applied kinesiology tre Assam which all

390

00:18:49,159 --> 00:18:55,010

stem will stem from like the old snake

391

00:18:51,980 --> 00:18:56,929

or literally snake oil salesman way back

392

00:18:55,009 --> 00:18:58,400

in the day the tricks they used to fool

393

00:18:56,929 --> 00:19:02,390

people into thinking that those pills

394

00:18:58,400 --> 00:19:04,940

were working and it's a classic example

395

00:19:02,390 --> 00:19:06,919

what he does if we have one of the

396

00:19:04,940 --> 00:19:08,269

volunteers they raise their army pushes

397

00:19:06,919 --> 00:19:09,919

down and they're weak and of course he

398

00:19:08,269 --> 00:19:13,369

applies these clips to their legs I

399

00:19:09,919 --> 00:19:17,650

think on their trousers and then he's

400
00:19:13,369 --> 00:19:20,359
strong again but you were so outraged as

401
00:19:17,650 --> 00:19:24,110
Biggs where you actually wrote to

402
00:19:20,359 --> 00:19:26,750
marketplace yeah I mean because you know

403
00:19:24,109 --> 00:19:30,649
dragon sin is on CBC which is an ash or

404
00:19:26,750 --> 00:19:33,140
national television station CBC

405
00:19:30,650 --> 00:19:34,538
marketplace is also on air as well you

406
00:19:33,140 --> 00:19:37,970
know I contact them and say you know

407
00:19:34,538 --> 00:19:40,250
you're a nun on your own station you

408
00:19:37,970 --> 00:19:45,440
have something else that was promoted

409
00:19:40,250 --> 00:19:46,788
that was bunk you know you should do

410
00:19:45,440 --> 00:19:48,380
something but if you need to you know

411
00:19:46,788 --> 00:19:51,349
you can contact me I'll tell you how did

412
00:19:48,380 --> 00:19:54,309
you bunk it which they initially did

413
00:19:51,349 --> 00:19:56,899
they did call me in December to get some

414
00:19:54,308 --> 00:20:01,990
advice on how to go about debunking it

415
00:19:56,900 --> 00:20:05,390
and I suggested you know doing you know

416
00:20:01,990 --> 00:20:08,630
you know a small little study type of

417
00:20:05,390 --> 00:20:10,070
thing to show you know how to do like

418
00:20:08,630 --> 00:20:11,630
with double blinding and everything else

419
00:20:10,069 --> 00:20:13,009
I made sure that they knew that they had

420
00:20:11,630 --> 00:20:15,650
the double blinded and what that meant

421
00:20:13,009 --> 00:20:17,150
right of course and then I explained you

422
00:20:15,650 --> 00:20:20,780
know the arm thing you know how that

423
00:20:17,150 --> 00:20:24,019
worked and why it was it was just a scam

424
00:20:20,779 --> 00:20:28,460
at that point and they thanked me and

425
00:20:24,019 --> 00:20:29,808
then back in just a January had middle

426
00:20:28,460 --> 00:20:32,269
of January I think it was the 15th or

427
00:20:29,808 --> 00:20:33,769
something they contacted me near

428

00:20:32,269 --> 00:20:35,659
like we know it's short notice but can

429
00:20:33,769 --> 00:20:38,209
you come down to Toronto which is like a

430
00:20:35,659 --> 00:20:40,278
three and a half hour trip mm-hmm

431
00:20:38,209 --> 00:20:46,940
to do some filming over the next two

432
00:20:40,278 --> 00:20:50,419
days that was like actually yeah this is

433
00:20:46,940 --> 00:20:53,028
I mean I must I'm giggling because it

434
00:20:50,419 --> 00:20:55,309
really does remind me of the situation I

435
00:20:53,028 --> 00:20:58,009
found myself in almost ten years ago

436
00:20:55,308 --> 00:21:01,398
here in Australia where I wrote to a

437
00:20:58,009 --> 00:21:04,459
network and said the story you showed on

438
00:21:01,398 --> 00:21:05,868
the Power Balance bands you know I don't

439
00:21:04,459 --> 00:21:07,759
think they really work and I can show

440
00:21:05,868 --> 00:21:09,378
you how and the next thing I knew I was

441
00:21:07,759 --> 00:21:13,159
on a plane heading for Adelaide to a

442
00:21:09,378 --> 00:21:14,569

taping of TV show myself so it's

443

00:21:13,159 --> 00:21:15,979

interesting that all these years later

444

00:21:14,569 --> 00:21:18,229

you find yourself in a very similar

445

00:21:15,979 --> 00:21:19,848

situation you with a very similar

446

00:21:18,229 --> 00:21:22,399

product really yeah really

447

00:21:19,848 --> 00:21:25,038

yeah yeah it's a bit of useless plastic

448

00:21:22,398 --> 00:21:27,468

or whatever that doesn't do anything

449

00:21:25,038 --> 00:21:30,440

obviously and the whole gimmick relies

450

00:21:27,469 --> 00:21:31,788

on these applied kinesiology tricks well

451

00:21:30,440 --> 00:21:34,278

let me play now the clip of the

452

00:21:31,788 --> 00:21:38,058

marketplace where you walk onto the

453

00:21:34,278 --> 00:21:40,219

stage Bell Nouveau wrote to he believes

454

00:21:38,058 --> 00:21:40,908

the dragons were scammed pick a card any

455

00:21:40,219 --> 00:21:43,159

card

456

00:21:40,909 --> 00:21:47,239

he should know he happens to be a

457
00:21:43,159 --> 00:21:48,979
magician and this is what you do this is

458
00:21:47,239 --> 00:21:50,989
absolutely amazing don't take your eyes

459
00:21:48,979 --> 00:21:51,549
off this here we go using the power of

460
00:21:50,989 --> 00:21:55,548
the mind

461
00:21:51,549 --> 00:21:58,950
[Music]

462
00:21:55,548 --> 00:22:05,700
and knows how sleight of hands can give

463
00:21:58,950 --> 00:22:08,190
the illusion of truth so this is where

464
00:22:05,700 --> 00:22:11,960
they film Dragon's Den it's not set up

465
00:22:08,190 --> 00:22:11,960
right now but you get the picture

466
00:22:15,509 --> 00:22:22,200
why did you email marketplace I was

467
00:22:18,980 --> 00:22:25,378
awestruck in like just I was completely

468
00:22:22,200 --> 00:22:28,499
befuddled that how the dragons were

469
00:22:25,378 --> 00:22:30,928
fooled so easily his magicians were kind

470
00:22:28,499 --> 00:22:32,399
of what's called honest liars were paid

471
00:22:30,929 --> 00:22:33,929
to lie to people you know we're

472
00:22:32,398 --> 00:22:37,109
deceiving you but what I saw was

473
00:22:33,929 --> 00:22:39,330
deception without people knowing that

474
00:22:37,109 --> 00:22:41,998
they were being deceived it could be a

475
00:22:39,329 --> 00:22:47,428
common magician's trick and it's called

476
00:22:41,999 --> 00:22:49,139
misdirection yeah it's actually like a

477
00:22:47,429 --> 00:22:51,298
parlor trick a way back in the days

478
00:22:49,138 --> 00:22:52,979
snake oil salesmen used to use these

479
00:22:51,298 --> 00:22:55,138
tricks to fool people into believing

480
00:22:52,980 --> 00:22:57,690
that you know whatever pill that they

481
00:22:55,138 --> 00:23:01,798
were being sold was given them strength

482
00:22:57,690 --> 00:23:03,450
or you know make him feel better put

483
00:23:01,798 --> 00:23:05,429
your arm up yeah bill has his own

484
00:23:03,450 --> 00:23:08,220
explanation of how the Dragons could

485

00:23:05,429 --> 00:23:10,980
have been fooled see how easy that is to

486
00:23:08,220 --> 00:23:13,379
go down right then you did the thing you

487
00:23:10,980 --> 00:23:14,730
posed to put the clip on yeah you can

488
00:23:13,378 --> 00:23:17,278
see like I'm putting a lot more pressure

489
00:23:14,730 --> 00:23:19,259
on you right is sometimes when you do

490
00:23:17,278 --> 00:23:21,240
the second time you're resisting a lot

491
00:23:19,259 --> 00:23:23,159
more but if I do it switch the angle to

492
00:23:21,240 --> 00:23:25,409
towards your body or more specifically

493
00:23:23,159 --> 00:23:29,100
towards your foot I can resist you can

494
00:23:25,409 --> 00:23:30,210
resist and I can even yeah it's it's

495
00:23:29,099 --> 00:23:32,158
something as simple as that

496
00:23:30,210 --> 00:23:33,929
so you say he was playing tricks on the

497
00:23:32,159 --> 00:23:36,450
Dragons I do I do

498
00:23:33,929 --> 00:23:38,639
well done bill that's great I mean it's

499
00:23:36,450 --> 00:23:41,819

good to hear you and folks you can see

500

00:23:38,638 --> 00:23:43,888

bill demonstrating what exactly was

501

00:23:41,819 --> 00:23:46,378

going on and I noticed in watching the

502

00:23:43,888 --> 00:23:49,048

rest of the marketplace story that the

503

00:23:46,378 --> 00:23:52,158

the Dragons ultimately didn't follow

504

00:23:49,048 --> 00:23:55,200

through and didn't help support this

505

00:23:52,159 --> 00:23:56,879

chiropractor yeah that was that that was

506

00:23:55,200 --> 00:23:59,610

a good thing actually I was glad about

507

00:23:56,878 --> 00:24:01,798

that because we don't know for awhile

508

00:23:59,609 --> 00:24:03,388

because they even though on the show

509

00:24:01,798 --> 00:24:05,700

they can say you know hey we'll buy into

510

00:24:03,388 --> 00:24:07,258

this there's always that you know caveat

511

00:24:05,700 --> 00:24:08,580

of you know we'll look into it

512

00:24:07,259 --> 00:24:12,269

afterwards more

513

00:24:08,579 --> 00:24:14,730

yeah and luckily you know they did yes

514
00:24:12,269 --> 00:24:16,500
so I think like I think the fact that on

515
00:24:14,730 --> 00:24:18,289
the show that they were so easily fooled

516
00:24:16,500 --> 00:24:21,599
kind of gave it a little bit of

517
00:24:18,289 --> 00:24:24,059
credibility undue credibility I

518
00:24:21,599 --> 00:24:26,669
absolutely agree and it's all very well

519
00:24:24,059 --> 00:24:28,190
for marketplace to come up and then show

520
00:24:26,670 --> 00:24:30,420
obviously that it doesn't work

521
00:24:28,190 --> 00:24:32,580
unfortunately the Dragons Den went to

522
00:24:30,420 --> 00:24:34,529
where and lots of people would naturally

523
00:24:32,579 --> 00:24:37,019
think this product works and probably

524
00:24:34,529 --> 00:24:38,460
went out and bought it so it's a pity

525
00:24:37,019 --> 00:24:40,259
that the Dragons weren't a little bit

526
00:24:38,460 --> 00:24:43,200
more you know what they should have you

527
00:24:40,259 --> 00:24:45,359
there on every episode just just to cast

528
00:24:43,200 --> 00:24:46,140
your skeptical eye I think well it's

529
00:24:45,359 --> 00:24:47,579
almost there mean I

530
00:24:46,140 --> 00:24:49,290
they almost should have some people

531
00:24:47,579 --> 00:24:51,809
vetting some of these people before they

532
00:24:49,289 --> 00:24:53,730
even get to the Dragons you know I I

533
00:24:51,809 --> 00:24:56,460
agree but it's an interesting one that

534
00:24:53,730 --> 00:24:59,069
trick the applied kinesiology trick is

535
00:24:56,460 --> 00:25:00,750
very good when you think about it it

536
00:24:59,069 --> 00:25:03,000
really does fool a lot of people and

537
00:25:00,750 --> 00:25:06,509
that's why companies like Power Balance

538
00:25:03,000 --> 00:25:09,930
was so successful oh for sure it's a

539
00:25:06,509 --> 00:25:13,710
great magic trick it is it is that's

540
00:25:09,930 --> 00:25:15,690
really what it is it really is well bill

541
00:25:13,710 --> 00:25:18,840
look thanks very much for doing that

542

00:25:15,690 --> 00:25:20,460
being prepared to go on the marketplace

543
00:25:18,839 --> 00:25:24,119
but more importantly I think writing

544
00:25:20,460 --> 00:25:26,009
letting them know not only that your

545
00:25:24,119 --> 00:25:27,929
displeasure but also letting them know

546
00:25:26,009 --> 00:25:30,210
that you could shed some light on this

547
00:25:27,930 --> 00:25:35,759
and I think that's very important I I

548
00:25:30,210 --> 00:25:37,799
agree silent voices don't do much well

549
00:25:35,759 --> 00:25:40,140
folks again I'll link to everything that

550
00:25:37,799 --> 00:25:41,879
we've been discussing about this whole

551
00:25:40,140 --> 00:25:45,390
situation you can see the video for

552
00:25:41,880 --> 00:25:47,310
yourself and be outraged just just as we

553
00:25:45,390 --> 00:25:49,320
were and then you can check out all of

554
00:25:47,309 --> 00:25:51,329
the bills activities plus his

555
00:25:49,319 --> 00:25:54,450
entertainment well bill all the way over

556
00:25:51,329 --> 00:25:57,230

there in Windsor Ontario thank you very

557

00:25:54,450 --> 00:26:12,269

much thank you Richard

558

00:25:57,230 --> 00:26:12,269

[Music]

559

00:26:16,890 --> 00:26:20,400

in Redford here if I can have a minute

560

00:26:19,259 --> 00:26:22,500

of your time I'd like to shamelessly

561

00:26:20,400 --> 00:26:24,600

plug my new book it's called

562

00:26:22,500 --> 00:26:27,029

investigating ghosts the scientific

563

00:26:24,599 --> 00:26:28,740

search for spirits examines ghost

564

00:26:27,029 --> 00:26:30,750

hunting in ghost investigations from

565

00:26:28,740 --> 00:26:33,000

historical cultural and evidence-based

566

00:26:30,750 --> 00:26:35,819

perspective from the Victorian era to

567

00:26:33,000 --> 00:26:37,920

modern TV ghost hunters it is in a way a

568

00:26:35,819 --> 00:26:39,659

follow-up to my 2010 book scientific

569

00:26:37,920 --> 00:26:41,970

paranormal investigation how to solve

570

00:26:39,660 --> 00:26:43,190

unexplained mysteries that book was more

571
00:26:41,970 --> 00:26:45,690
general covering everything from

572
00:26:43,190 --> 00:26:47,970
psychics to crop circles to monsters and

573
00:26:45,690 --> 00:26:50,279
ghosts but I realized the ghosts are a

574
00:26:47,970 --> 00:26:52,169
special category not only are ghosts the

575
00:26:50,279 --> 00:26:53,879
most popular paranormal pursuit but

576
00:26:52,169 --> 00:26:55,860
ghost hunting also has its own set of

577
00:26:53,880 --> 00:26:58,140
assumptions and challenges the book will

578
00:26:55,859 --> 00:27:01,219
be available soon for under 20 bucks and

579
00:26:58,140 --> 00:27:01,220
is currently available as an e-book

580
00:27:01,609 --> 00:27:05,329
for more information on the book and me

581
00:27:03,440 --> 00:27:06,590
check out Benjamin Radford com

582
00:27:05,329 --> 00:27:13,159
please check it out Thanks

583
00:27:06,589 --> 00:27:13,159
[Music]

584
00:27:23,349 --> 00:27:36,199
it's the raw skeptic report with Heidi

585
00:27:27,289 --> 00:27:38,359
Robertson hello everyone

586
00:27:36,200 --> 00:27:42,140
Heidi Robertson here from the Northern

587
00:27:38,359 --> 00:27:44,899
Rivers vaccination supporters a tragic

588
00:27:42,140 --> 00:27:48,770
story broke today the 8th of February

589
00:27:44,900 --> 00:27:52,250
2018 about the death of a Queensland man

590
00:27:48,769 --> 00:27:54,369
from diphtheria diphtheria is not a

591
00:27:52,250 --> 00:27:57,759
disease we hear about much these days

592
00:27:54,369 --> 00:28:01,789
thankfully thanks to a very successful

593
00:27:57,759 --> 00:28:03,920
vaccine the Australian vaccination

594
00:28:01,789 --> 00:28:07,009
skeptics Network gets a mention in the

595
00:28:03,920 --> 00:28:11,570
article and thankfully not in a positive

596
00:28:07,009 --> 00:28:13,460
light despite the tragedy of the case it

597
00:28:11,569 --> 00:28:15,829
is at least heartening to see

598
00:28:13,460 --> 00:28:18,140
journalists who no longer contact the

599

00:28:15,829 --> 00:28:21,409
Avs End for their opinions on stories

600
00:28:18,140 --> 00:28:23,540
relating to vaccination I must mention

601
00:28:21,410 --> 00:28:26,360
that that is largely due to pro

602
00:28:23,539 --> 00:28:29,299
vaccination activists and groups like

603
00:28:26,359 --> 00:28:31,369
stop the AVN who have brought up the

604
00:28:29,299 --> 00:28:35,169
issue of false balance with journalists

605
00:28:31,369 --> 00:28:38,899
whenever contacted about a story so

606
00:28:35,170 --> 00:28:41,930
congratulations to mark Rigby of ABCDE

607
00:28:38,900 --> 00:28:46,240
you for reporting on this story without

608
00:28:41,930 --> 00:28:49,730
consulting rabid anti-vaccination groups

609
00:28:46,240 --> 00:28:52,039
here's the article quote diphtheria

610
00:28:49,730 --> 00:28:55,400
death shows Queensland is failing to

611
00:28:52,039 --> 00:28:58,039
properly vaccinate AMA warns by mark

612
00:28:55,400 --> 00:29:00,380
Rigby the death of a Far North

613
00:28:58,039 --> 00:29:02,089

Queensland man from diphtheria is a sign

614

00:29:00,380 --> 00:29:04,550
the state is failing to properly

615

00:29:02,089 --> 00:29:08,720
vaccinate the community the Australian

616

00:29:04,549 --> 00:29:11,480
Medical Association or AMA says the man

617

00:29:08,720 --> 00:29:13,730
who was in his 20s and not vaccinated

618

00:29:11,480 --> 00:29:15,829
against the disease was flown from

619

00:29:13,730 --> 00:29:18,319
Cairns hospital to brisbin's Prince

620

00:29:15,829 --> 00:29:21,889
Charles Hospital in a critical condition

621

00:29:18,319 --> 00:29:23,689
on January the 24th and on Wednesday

622

00:29:21,890 --> 00:29:26,960
authorities confirmed

623

00:29:23,690 --> 00:29:29,210
he had since died it is the state's

624

00:29:26,960 --> 00:29:34,490
first recorded death from the bacterial

625

00:29:29,210 --> 00:29:36,860
disease since 2011 diphtheria causes

626

00:29:34,490 --> 00:29:40,128
severe inflammation of the nose throat

627

00:29:36,859 --> 00:29:42,109
and windpipe but is considered rare in

628
00:29:40,128 --> 00:29:44,798
most developed countries because of

629
00:29:42,109 --> 00:29:46,969
widespread vaccination programs

630
00:29:44,798 --> 00:29:49,369
Queensland Health said the case was

631
00:29:46,970 --> 00:29:51,528
acquired locally and the department last

632
00:29:49,369 --> 00:29:53,839
month tracked down five people who had

633
00:29:51,528 --> 00:29:55,849
been in close contact with the man to

634
00:29:53,839 --> 00:29:59,209
ensure they have not contracted the

635
00:29:55,849 --> 00:30:01,339
disease dr. Richard kid from AMA

636
00:29:59,210 --> 00:30:03,440
Queensland said the case highlighted the

637
00:30:01,339 --> 00:30:08,028
risk of not being vaccinated against

638
00:30:03,440 --> 00:30:09,769
rare diseases quote in the early 1900s

639
00:30:08,028 --> 00:30:11,690
diphtheria caused more deaths in

640
00:30:09,769 --> 00:30:14,509
Australia than any other infectious

641
00:30:11,690 --> 00:30:16,820
disease he said it's a very powerful

642
00:30:14,509 --> 00:30:18,740
story about the value of the vaccine

643
00:30:16,819 --> 00:30:21,079
because it's virtually disappeared and

644
00:30:18,740 --> 00:30:23,659
no vaccinated person has died from

645
00:30:21,079 --> 00:30:24,349
diphtheria in Australia in the past 20

646
00:30:23,659 --> 00:30:27,740
years

647
00:30:24,349 --> 00:30:29,719
end quote he said it was concerning that

648
00:30:27,740 --> 00:30:32,509
diphtheria still claimed lives in

649
00:30:29,720 --> 00:30:34,669
Australia quote it means that we are

650
00:30:32,509 --> 00:30:37,819
failing as a community to properly

651
00:30:34,669 --> 00:30:39,409
vaccinate people he said one of the

652
00:30:37,819 --> 00:30:41,569
reasons it's not spreading and we're

653
00:30:39,409 --> 00:30:44,269
just getting the isolated cases is

654
00:30:41,569 --> 00:30:47,450
because the herd immunity is pretty good

655
00:30:44,269 --> 00:30:49,519
but it should be better if it was better

656

00:30:47,450 --> 00:30:53,288
we wouldn't even be seeing those

657
00:30:49,519 --> 00:30:57,288
isolated cases happening and to quote

658
00:30:53,288 --> 00:30:59,089
dr. Kidd said the AMA of Queensland was

659
00:30:57,288 --> 00:31:01,490
concerned that claims made by the

660
00:30:59,089 --> 00:31:03,558
anti-vaccination movement were

661
00:31:01,490 --> 00:31:06,919
contributing to lower vaccination rates

662
00:31:03,558 --> 00:31:10,128
in Queensland quote the anti vaccination

663
00:31:06,919 --> 00:31:12,980
network or the Australian vaccination

664
00:31:10,128 --> 00:31:15,500
skeptics Network has been very active in

665
00:31:12,980 --> 00:31:17,450
Queensland in the past few years and has

666
00:31:15,500 --> 00:31:19,869
been affecting in some areas the

667
00:31:17,450 --> 00:31:21,919
vaccination rates through misinformation

668
00:31:19,869 --> 00:31:23,928
parents who want to do the right thing

669
00:31:21,919 --> 00:31:25,879
for their children are always looking

670
00:31:23,929 --> 00:31:28,220

for information to help them decide what

671

00:31:25,878 --> 00:31:29,928
is the right thing to do and the

672

00:31:28,220 --> 00:31:32,839
misinformation from the anti vaccination

673

00:31:29,929 --> 00:31:34,879
Network has led some parents to not

674

00:31:32,839 --> 00:31:36,730
vaccinate their children which is

675

00:31:34,878 --> 00:31:39,369
awfully worrying

676

00:31:36,730 --> 00:31:41,529
and quote Queensland Health issued a

677

00:31:39,369 --> 00:31:44,250
statement to the ABC offering

678

00:31:41,529 --> 00:31:49,779
condolences to the man's family and

679

00:31:44,250 --> 00:31:52,569
quote and it is a very sad case let's

680

00:31:49,779 --> 00:32:01,119
hope we do not hear of any more such

681

00:31:52,569 --> 00:32:02,399
cases in the future this has been highly

682

00:32:01,119 --> 00:32:05,589
Robertson from the Northern Rivers

683

00:32:02,400 --> 00:32:10,330
vaccination supporters you can find us

684

00:32:05,589 --> 00:32:13,449
on Facebook Twitter and at an RBS dot

685
00:32:10,329 --> 00:32:28,338
info until next time bye bye

686
00:32:13,450 --> 00:32:28,338
[Music]

687
00:32:31,029 --> 00:32:36,649
hey svenska skeptical elevator elevator

688
00:32:34,220 --> 00:32:38,809
scope forbidding in the battle none

689
00:32:36,650 --> 00:32:41,390
hanger of the skeptic zone with an ox or

690
00:32:38,809 --> 00:32:43,879
a fearful dog pop science quiz or

691
00:32:41,390 --> 00:32:45,890
skeptical Kevin Thomas Valley Quinn

692
00:32:43,880 --> 00:32:48,590
Povey very primitive Oh from Tess

693
00:32:45,890 --> 00:32:51,230
efforts for 9 before free ulica you call

694
00:32:48,589 --> 00:32:53,059
for any a hunter melanda top gone warmly

695
00:32:51,230 --> 00:32:55,970
bow installed our entities non-local

696
00:32:53,059 --> 00:33:00,349
Fanning boffin to start I'm 12 your

697
00:32:55,970 --> 00:33:02,870
bottom add a new hello all skeptics in

698
00:33:00,349 --> 00:33:05,240
Sweden I'm sure you already know that

699

00:33:02,869 --> 00:33:07,189
the Swedish skeptics Association not

700

00:33:05,240 --> 00:33:09,829
only is a big fan of the skeptic zone

701

00:33:07,190 --> 00:33:12,019
but that we also organize lectures pop

702

00:33:09,829 --> 00:33:18,679
science quiz and skeptics in the pub all

703

00:33:12,019 --> 00:33:20,990
over the country go to WWE FTSE to see

704

00:33:18,680 --> 00:33:23,299
what our 7 local chapters are up to and

705

00:33:20,990 --> 00:33:25,690
if you live in a place where there is no

706

00:33:23,299 --> 00:33:30,279
local chapter why not start one yourself

707

00:33:25,690 --> 00:33:30,279
I'm talking to you neo

708

00:33:31,250 --> 00:33:43,348
[Music]

709

00:33:43,700 --> 00:33:48,900
now from the Department of just when you

710

00:33:47,009 --> 00:33:52,049
thought it couldn't get any more new Pia

711

00:33:48,900 --> 00:33:54,720
The Sydney Morning Herald on Friday the

712

00:33:52,049 --> 00:33:59,609
9th of February tells us on the front

713

00:33:54,720 --> 00:34:04,410
page a story by Esther Han doctors

714
00:33:59,609 --> 00:34:06,979
horrified by bizarre TGA lists TGA means

715
00:34:04,410 --> 00:34:10,590
the Therapeutic Goods Administration

716
00:34:06,980 --> 00:34:12,840
missus the government body supposedly

717
00:34:10,590 --> 00:34:15,289
oversees therapeutics goods in Australia

718
00:34:12,840 --> 00:34:18,539
meaning devices drugs and so on

719
00:34:15,289 --> 00:34:22,349
she says hundreds of bizarre health

720
00:34:18,539 --> 00:34:25,829
claims such as quote terrifies kidney

721
00:34:22,349 --> 00:34:29,069
essence end quote and quote opens body

722
00:34:25,829 --> 00:34:30,509
orifices end quote will be approved by

723
00:34:29,070 --> 00:34:33,360
the therapeutics Goods Administration

724
00:34:30,510 --> 00:34:36,090
and appear on complementary medicine

725
00:34:33,360 --> 00:34:38,010
labels under new laws being pushed by

726
00:34:36,090 --> 00:34:41,129
the federal government horrifying

727
00:34:38,010 --> 00:34:42,990

doctors in July last year the TGA began

728

00:34:41,128 --> 00:34:44,519

developing a list of quote permitted

729

00:34:42,989 --> 00:34:46,469

indications end quote

730

00:34:44,519 --> 00:34:48,719

that would restrict vitamin and herbal

731

00:34:46,469 --> 00:34:50,608

medicine companies to making only

732

00:34:48,719 --> 00:34:52,559

government-approved health claims on

733

00:34:50,608 --> 00:34:55,378

their products once the Therapeutic

734

00:34:52,559 --> 00:34:58,259

Goods Administration bill passed and it

735

00:34:55,378 --> 00:35:01,259

goes on to say quote that TGA held

736

00:34:58,260 --> 00:35:04,140

industry consultations and just lost the

737

00:35:01,260 --> 00:35:06,420

plot it gave them license to deceive in

738

00:35:04,139 --> 00:35:08,670

quote says Alan Asher a regulatory

739

00:35:06,420 --> 00:35:10,559

expert and former Deputy Chair of the

740

00:35:08,670 --> 00:35:14,099

Australian Competition and Consumer

741

00:35:10,559 --> 00:35:16,429

Commission and the article goes on with

742
00:35:14,099 --> 00:35:19,650
a list a little list of some of the

743
00:35:16,429 --> 00:35:22,049
terms being put forward hard to swallow

744
00:35:19,650 --> 00:35:25,230
it says here are some of the curious

745
00:35:22,050 --> 00:35:28,220
finds on the TJ's latest draft list of

746
00:35:25,230 --> 00:35:29,400
permitted indications balanced

747
00:35:28,219 --> 00:35:37,709
aggravated

748
00:35:29,400 --> 00:35:42,300
Water enriched kidney Jing ji ng promote

749
00:35:37,710 --> 00:35:47,030
water metabolism in gender fluid dis

750
00:35:42,300 --> 00:35:51,330
inhibit water soften hardness

751
00:35:47,030 --> 00:35:54,060
extinguished damp cold expel stagnant

752
00:35:51,329 --> 00:35:56,759
heat and later on in the paper we have

753
00:35:54,059 --> 00:36:00,039
an opinion piece by dr. Ken Harvey

754
00:35:56,760 --> 00:36:03,280
how would you like to quote stimulate

755
00:36:00,039 --> 00:36:06,699
your Chi in quote or perhaps quote

756
00:36:03,280 --> 00:36:09,640
replenish your essence man could these

757
00:36:06,699 --> 00:36:12,068
one-liners are among more than 1,000 the

758
00:36:09,639 --> 00:36:14,409
therapeutics Goods Administration says

759
00:36:12,068 --> 00:36:16,719
complementary medicine makers can put on

760
00:36:14,409 --> 00:36:18,519
their products products that for the

761
00:36:16,719 --> 00:36:21,250
most part have no scientific evidence to

762
00:36:18,519 --> 00:36:23,108
prove their worth in the face of growing

763
00:36:21,250 --> 00:36:25,659
concern about the marketing of such

764
00:36:23,108 --> 00:36:29,828
products the TGA has published a soon to

765
00:36:25,659 --> 00:36:31,420
be enforced list of 1019 quote permitted

766
00:36:29,829 --> 00:36:33,818
indications end quote

767
00:36:31,420 --> 00:36:36,909
that it says the industry can use on

768
00:36:33,818 --> 00:36:39,429
labels but the TGA allowed the industry

769
00:36:36,909 --> 00:36:41,559
to come up with the list itself and then

770

00:36:39,429 --> 00:36:42,909
endorse it despite concerns from

771
00:36:41,559 --> 00:36:44,949
consumer advocates and health

772
00:36:42,909 --> 00:36:47,170
professionals who argued the list

773
00:36:44,949 --> 00:36:49,118
endorses pseudoscience

774
00:36:47,170 --> 00:36:51,309
they also said it encouraged the

775
00:36:49,119 --> 00:36:53,260
industry to evade the need to have

776
00:36:51,309 --> 00:36:57,190
scientific proof and would boost

777
00:36:53,260 --> 00:37:00,220
consumer spending now more than 4.5

778
00:36:57,190 --> 00:37:02,440
billion dollars a year on complementary

779
00:37:00,219 --> 00:37:04,299
medicines only a hundred and forty

780
00:37:02,440 --> 00:37:06,608
claims on the list require the

781
00:37:04,300 --> 00:37:09,818
manufacturer to have specific evidence

782
00:37:06,608 --> 00:37:12,909
that backs them up for the rest only

783
00:37:09,818 --> 00:37:17,318
evidence for quote traditional and quote

784
00:37:12,909 --> 00:37:19,239

use is required use for more than 75

785

00:37:17,318 --> 00:37:21,759
years in an alternative medical

786

00:37:19,239 --> 00:37:24,459
tradition such as traditional Chinese

787

00:37:21,760 --> 00:37:27,730
medicine Western herbalism homeopathy

788

00:37:24,460 --> 00:37:29,199
and so on the TGA trusts the

789

00:37:27,730 --> 00:37:31,960
manufacturer to hold the necessary

790

00:37:29,199 --> 00:37:33,730
evidence it's only checked if a

791

00:37:31,960 --> 00:37:37,300
complaint is submitted or the TGA

792

00:37:33,730 --> 00:37:39,760
conducts a post marketing review but

793

00:37:37,300 --> 00:37:43,390
this trust in the industry is misplaced

794

00:37:39,760 --> 00:37:45,550
the TGA zone work shows regulatory

795

00:37:43,389 --> 00:37:50,219
breaches are on the rise when it comes

796

00:37:45,550 --> 00:37:54,730
to complementary medicines in 2014-15

797

00:37:50,219 --> 00:37:57,879
73% of the 212 cases investigated were

798

00:37:54,730 --> 00:38:02,858
found to be in breach that jumped to 80%

799
00:37:57,880 --> 00:38:05,829
of the 473 cases investigated in 2015-16

800
00:38:02,858 --> 00:38:08,139
and the most common problem was failure

801
00:38:05,829 --> 00:38:10,420
to produce evidence to support product

802
00:38:08,139 --> 00:38:13,179
claims critics one

803
00:38:10,420 --> 00:38:15,338
labels to at least carry advice making

804
00:38:13,179 --> 00:38:17,798
it clear any claims for these products

805
00:38:15,338 --> 00:38:20,500
are based on alternative health theories

806
00:38:17,798 --> 00:38:23,108
that have not been validated by modern

807
00:38:20,500 --> 00:38:25,769
medical science but this was knocked

808
00:38:23,108 --> 00:38:29,170
back Australia is a multicultural and

809
00:38:25,769 --> 00:38:32,048
pluralistic society and it's appropriate

810
00:38:29,170 --> 00:38:34,780
that we respect understand and allow

811
00:38:32,048 --> 00:38:37,119
access to traditional alternative and

812
00:38:34,780 --> 00:38:40,210
complementary medical traditions and

813
00:38:37,119 --> 00:38:41,980
products however it is also important

814
00:38:40,210 --> 00:38:43,900
that we restrain purveyors of these

815
00:38:41,980 --> 00:38:46,449
medicines from taking advantage of

816
00:38:43,900 --> 00:38:48,430
consumer ignorant and that we protect

817
00:38:46,449 --> 00:38:53,439
consumers from misleading and deceptive

818
00:38:48,429 --> 00:38:55,808
claims in Harvey is an associate

819
00:38:53,440 --> 00:38:58,450
professor at Monash University and a

820
00:38:55,809 --> 00:39:00,579
choice consumer representative and that

821
00:38:58,449 --> 00:39:02,588
story an opinion piece come from the

822
00:39:00,579 --> 00:39:06,700
Sydney Morning Herald published on

823
00:39:02,588 --> 00:39:10,099
Friday February the 9th 2018 and this

824
00:39:06,699 --> 00:39:25,019
reflects very poorly on the TGA indeed

825
00:39:10,099 --> 00:39:25,019
[Music]

826
00:39:30,309 --> 00:39:34,549
thank you for listening to the skeptic

827

00:39:32,750 --> 00:39:36,349
zone thank you to those people who

828
00:39:34,550 --> 00:39:39,860
support the skeptic zone via patreon or

829
00:39:36,349 --> 00:39:42,230
PayPal are much appreciated and as ever

830
00:39:39,860 --> 00:39:45,530
and you've heard it for me many times

831
00:39:42,230 --> 00:39:47,329
it's people like you that keep this show

832
00:39:45,530 --> 00:39:49,790
on the Internet

833
00:39:47,329 --> 00:39:52,699
and in some cases on the air because I

834
00:39:49,789 --> 00:39:54,829
know occasionally radio stations use

835
00:39:52,699 --> 00:39:57,679
interviews and bits and pieces from the

836
00:39:54,829 --> 00:40:00,469
skeptics earn which I love - I'd love to

837
00:39:57,679 --> 00:40:04,309
hear about them a big thank you to Brian

838
00:40:00,469 --> 00:40:07,279
Kirby from 502 conversations who

839
00:40:04,309 --> 00:40:11,750
interviewed me during my visit to Las

840
00:40:07,280 --> 00:40:14,120
Vegas last year it's a TV style

841
00:40:11,750 --> 00:40:16,239

interview and if you want to spend the

842

00:40:14,119 --> 00:40:20,089

next 40 minutes listening to me drone on

843

00:40:16,239 --> 00:40:22,549

I'll put a link in the show notes a very

844

00:40:20,090 --> 00:40:25,550

interesting experience being interviewed

845

00:40:22,550 --> 00:40:27,140

in in a hotel room as it happened by

846

00:40:25,550 --> 00:40:29,110

Brian Kirby and he does lots of

847

00:40:27,139 --> 00:40:32,329

interviews of very interesting people

848

00:40:29,110 --> 00:40:34,550

mm-hmm and me thank you Brian

849

00:40:32,329 --> 00:40:35,809

I really enjoyed the experience and of

850

00:40:34,550 --> 00:40:37,760

course thank you to those people who

851

00:40:35,809 --> 00:40:40,250

continue to support the fundraising

852

00:40:37,760 --> 00:40:41,690

campaign for Britt Hermes again I'll put

853

00:40:40,250 --> 00:40:43,820

a link in the show notes that's going

854

00:40:41,690 --> 00:40:45,920

very well indeed and sending a strong

855

00:40:43,820 --> 00:40:49,100

message to those people who try to

856
00:40:45,920 --> 00:40:52,519
silence skeptics by a threatening legal

857
00:40:49,099 --> 00:40:54,679
action but for this week this is Richard

858
00:40:52,519 --> 00:41:00,949
Saunders signing off from Sydney

859
00:40:54,679 --> 00:41:03,739
Australia you've been listening to the

860
00:41:00,949 --> 00:41:10,399
skeptic zone podcast please visit our

861
00:41:03,739 --> 00:41:13,219
website at wwlp.com tax and to access

862
00:41:10,400 --> 00:41:16,820
the bat catalog of episodes going back

863
00:41:13,219 --> 00:41:19,639
to 2008 you can follow the skeptic zone

864
00:41:16,820 --> 00:41:22,190
podcast on twitter at skeptic zone

865
00:41:19,639 --> 00:41:24,190
visit our facebook page or leave a

866
00:41:22,190 --> 00:41:26,440
review on itunes

867
00:41:24,190 --> 00:41:30,338
you can also support the sceptic zone

868
00:41:26,440 --> 00:41:32,920
via patreon or PayPal you can be part of

869
00:41:30,338 --> 00:41:37,298
the show by downloading the voice byte

870
00:41:32,920 --> 00:41:40,690
app at voice byte calm and using the

871
00:41:37,298 --> 00:41:43,409
hashtag skeptic zone the skeptic zone

872
00:41:40,690 --> 00:41:45,789
podcast is an independent production

873
00:41:43,409 --> 00:41:47,920
reviews and opinions expressed on the

874
00:41:45,789 --> 00:41:50,260
skeptic zone are not necessarily those

875
00:41:47,920 --> 00:41:52,050
of Australian skeptics or any other

876
00:41:50,260 --> 00:41:58,550
sceptical organization

877
00:41:52,050 --> 00:41:58,550
[Music]