

Show 486

THE  
**SKEPTIC  
ZONE**  
PODCAST

[www.skepticzone.tv](http://www.skepticzone.tv)

11 Feb 2018



**Prof. Paul Willis**

**Prof. Paul Willis and his thoughts on  
the Religious Freedom Review**

**Bill Nuvo from Canada teaches  
the Dragons a lesson in critical thinking**

**Heidi Robertson reminds us that  
diphtheria is not yet gone from the earth**

**'Softens hardness'**

**TGA under fire for health claim list that  
critics say endorses pseudoscience**



**Bill Nuvo**

1  
00:00:09,090 --> 00:00:06,000

[Music]

2  
00:00:11,840 --> 00:00:09,100

welcome to the skeptic zone the podcast

3  
00:00:13,910 --> 00:00:11,850

from Australia for science and reason

4  
00:00:22,620 --> 00:00:13,920

[Music]

5  
00:00:29,700 --> 00:00:25,000

yes it's the skeptics are an episode

6  
00:00:31,780 --> 00:00:29,710

number 486 for the 11th of February 2018

7  
00:00:35,530 --> 00:00:31,790

richardsaunders here with you from

8  
00:00:39,479 --> 00:00:35,540

Sydney Australia and I'm almost over the

9  
00:00:42,220 --> 00:00:39,489

wretched skeptic cold flu / man flu /

10  
00:00:44,350 --> 00:00:42,230

whatever the hell it was I think you can

11  
00:00:47,770 --> 00:00:44,360

hear my voice it's not quite there yet

12  
00:00:49,930 --> 00:00:47,780

but well 90% and that's better than

13  
00:00:51,700 --> 00:00:49,940

nothing coming up on this week's show

14

00:00:54,520 --> 00:00:51,710

gonna kick off with an old friend of

15

00:00:59,170 --> 00:00:54,530

mine professor Paul Willis who is the

16

00:01:00,850 --> 00:00:59,180

CEO of media engagement services Paul is

17

00:01:04,509 --> 00:01:00,860

going to be talking to us about his

18

00:01:07,810 --> 00:01:04,519

opinion on the religious freedom review

19

00:01:10,090 --> 00:01:07,820

the review currently under way now Paul

20

00:01:12,550 --> 00:01:10,100

has very strong opinions on this as

21

00:01:14,980 --> 00:01:12,560

you'll hear in his segment and he makes

22

00:01:18,570 --> 00:01:14,990

the case that religion should keep its

23

00:01:21,850 --> 00:01:18,580

nose out of politics in a big way a

24

00:01:24,090 --> 00:01:21,860

piece of his mind with Professor Paul

25

00:01:26,890 --> 00:01:24,100

Willis coming up at the top of the show

26

00:01:29,590 --> 00:01:26,900

then after that we are interviewing bill

27

00:01:31,740 --> 00:01:29,600

Nouveau from Canada a magician and a

28

00:01:34,410 --> 00:01:31,750

skeptic a skeptic with a keen eye

29

00:01:38,410 --> 00:01:34,420

because he was watching a show called

30

00:01:41,650 --> 00:01:38,420

the Dragons Den similar to the shark

31

00:01:44,590 --> 00:01:41,660

tank and he noticed some old applied

32

00:01:46,180 --> 00:01:44,600

kinesiology tricks he wrote into the

33

00:01:50,050 --> 00:01:46,190

Canadian no TV network

34

00:01:53,020 --> 00:01:50,060

CBC protesting and they had him on the

35

00:01:54,910 --> 00:01:53,030

marketplace show to follow up a good

36

00:01:57,520 --> 00:01:54,920

lesson for skeptics everywhere bill

37

00:02:00,250 --> 00:01:57,530

didn't sit back and groan he actually

38

00:02:02,050 --> 00:02:00,260

took action ended up on TV and will

39

00:02:04,300 --> 00:02:02,060

you'll hear the rest later on the show

40

00:02:07,570 --> 00:02:04,310

when we interview magician and skeptic

41

00:02:09,339 --> 00:02:07,580

bill Nouveau then it's Heidi Robinson

42

00:02:12,850 --> 00:02:09,349

back again the raw skeptic with a tale

43

00:02:15,820 --> 00:02:12,860

of diphtheria now there's a word you

44

00:02:18,490 --> 00:02:15,830

don't hear much anymore diphtheria like

45

00:02:20,460 --> 00:02:18,500

cholera and these sort of things things

46

00:02:24,040 --> 00:02:20,470

that you might think of from history a

47

00:02:26,710 --> 00:02:24,050

report about diphtheria a strange thing

48

00:02:29,140 --> 00:02:26,720

to be reporting about in 2018 with Heidi

49

00:02:33,460 --> 00:02:29,150

Robertson then to round off the show

50

00:02:34,350 --> 00:02:33,470

more medical lunacy a report from Sydney

- 51  
00:02:36,930 --> 00:02:34,360  
Morning Herald
  
- 52  
00:02:41,850 --> 00:02:36,940  
an opinion piece by dr. ken Harvey about
  
- 53  
00:02:43,770 --> 00:02:41,860  
some of the ridiculous indications being
  
- 54  
00:02:46,680 --> 00:02:43,780  
considered by the Therapeutic Goods
  
- 55  
00:02:48,630 --> 00:02:46,690  
Administration you haven't heard
  
- 56  
00:02:51,630 --> 00:02:48,640  
anything yet folks this is worse than a
  
- 57  
00:02:53,880 --> 00:02:51,640  
match Brothers movie in fact I think
  
- 58  
00:02:56,040 --> 00:02:53,890  
Groucho Marx would make a better doctor
  
- 59  
00:02:59,610 --> 00:02:56,050  
and she was a doctor in one of his
  
- 60  
00:03:00,750 --> 00:02:59,620  
movies dr. Quackenbush I think lunacy
  
- 61  
00:03:02,940 --> 00:03:00,760  
from the Therapeutic Goods
  
- 62  
00:03:06,510 --> 00:03:02,950  
Administration to round off this episode
  
- 63  
00:03:09,240 --> 00:03:06,520

of the skeptic zone now I notice over at

64  
00:03:11,220 --> 00:03:09,250  
Maynard Comte you may not spur do Singh

65  
00:03:14,280 --> 00:03:11,230  
more podcasts with Tim Ferguson Banga

66  
00:03:16,380 --> 00:03:14,290  
Banga bus Maynard's own planet Maynard

67  
00:03:18,240 --> 00:03:16,390  
podcasts in fact they were just recently

68  
00:03:20,970 --> 00:03:18,250  
the subject of another podcast in the

69  
00:03:22,290 --> 00:03:20,980  
States which reviews other podcasts but

70  
00:03:24,270 --> 00:03:22,300  
of course they gave Banga Banga a

71  
00:03:26,420 --> 00:03:24,280  
favorable review if you don't listen to

72  
00:03:29,160 --> 00:03:26,430  
planet Maynard head over to Maynard

73  
00:03:30,900 --> 00:03:29,170  
uncom dot a you for lots of laughs but

74  
00:03:36,540 --> 00:03:30,910  
now it's time for me to run downstairs

75  
00:03:38,759 --> 00:03:36,550  
have some more tea with honey and ginger

76  
00:03:42,240 --> 00:03:38,769  
ginger tea with honey or is it honey tea

77  
00:03:43,740 --> 00:03:42,250  
with ginger something like that taking

78  
00:03:45,390 --> 00:03:43,750  
care not to trip over the cat's who are

79  
00:03:47,490 --> 00:03:45,400  
waiting outside the door because they

80  
00:03:49,410 --> 00:03:47,500  
were too noisy in here before they can

81  
00:03:51,390 --> 00:03:49,420  
see their shadows isn't that like a

82  
00:03:53,190 --> 00:03:51,400  
horror movie when you look under a door

83  
00:03:54,900 --> 00:03:53,200  
crack and you can see the shadows or

84  
00:03:57,840 --> 00:03:54,910  
something moving outside well it's only

85  
00:04:00,900 --> 00:03:57,850  
the sceptic zone cats maybe they want

86  
00:04:04,910 --> 00:04:00,910  
their dinner mmm well I run downstairs I

87  
00:04:04,920 --> 00:04:28,020  
a piece of his mind

88  
00:04:28,030 --> 00:04:33,480

with Professor Paul Willis

89

00:04:43,490 --> 00:04:38,150

[Music]

90

00:04:46,040 --> 00:04:43,500

I want to start this little rant by

91

00:04:49,520 --> 00:04:46,050

clearly stating I have no problems with

92

00:04:50,960 --> 00:04:49,530

anyone believing whatever they like no

93

00:04:53,630 --> 00:04:50,970

religion is too weird

94

00:04:56,180 --> 00:04:53,640

no cult too loopy that if someone wants

95

00:04:59,090 --> 00:04:56,190

to follow those beliefs Who am I to stop

96

00:05:00,830 --> 00:04:59,100

them go right ahead knock yourself out

97

00:05:03,350 --> 00:05:00,840

with your spiritual journey of

98

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

self-discovery you can even drop me the

99

00:05:07,550 --> 00:05:05,370

occasional postcard from your travels

100

00:05:10,400 --> 00:05:07,560

and let me know hey getting along I'm

101  
00:05:14,120 --> 00:05:10,410  
happy for you but don't expect me to

102  
00:05:17,330 --> 00:05:14,130  
join you there are only three caveats I

103  
00:05:21,140 --> 00:05:17,340  
have around religions and belief your

104  
00:05:23,480 --> 00:05:21,150  
beliefs must not harm you or others you

105  
00:05:26,990 --> 00:05:23,490  
have no right to impose your belief on

106  
00:05:29,840 --> 00:05:27,000  
anyone else and all of your beliefs and

107  
00:05:33,140 --> 00:05:29,850  
practices must conform to the secular

108  
00:05:36,140 --> 00:05:33,150  
law of this country that is what

109  
00:05:40,360 --> 00:05:36,150  
secularism is all about freedom of

110  
00:05:43,670 --> 00:05:40,370  
religion but also freedom from religion

111  
00:05:45,260 --> 00:05:43,680  
personally I have no beliefs I don't

112  
00:05:47,750 --> 00:05:45,270  
think that belief is a particularly

113  
00:05:50,450 --> 00:05:47,760

useful way to gain knowledge to me

114

00:05:53,510 --> 00:05:50,460

belief is about accepting a proposition

115

00:05:56,450 --> 00:05:53,520

without evidence and that is a complete

116

00:05:59,060 --> 00:05:56,460

anathema to me I consider myself a

117

00:06:02,540 --> 00:05:59,070

rationalist I only accept what the

118

00:06:05,000 --> 00:06:02,550

evidence tells me to accept so bereft of

119

00:06:08,659 --> 00:06:05,010

evidence beliefs don't even enter into

120

00:06:11,480 --> 00:06:08,669

my equations given my three caveats

121

00:06:14,300 --> 00:06:11,490

around beliefs I get very angry when I

122

00:06:17,060 --> 00:06:14,310

see various churches and other religious

123

00:06:20,300 --> 00:06:17,070

groups wanting to act outside of the

124

00:06:22,670 --> 00:06:20,310

secular laws of this country claims for

125

00:06:26,150 --> 00:06:22,680

such actions are usually put forward

126  
00:06:29,030 --> 00:06:26,160  
under the name of religious freedom but

127  
00:06:32,390 --> 00:06:29,040  
such actions are in fact usually quite

128  
00:06:34,760 --> 00:06:32,400  
the opposite religious freedom is the

129  
00:06:37,550 --> 00:06:34,770  
freedom to choose what religion you want

130  
00:06:41,570 --> 00:06:37,560  
to follow and to involve yourself in the

131  
00:06:43,670 --> 00:06:41,580  
practices of that religion freedom from

132  
00:06:45,200 --> 00:06:43,680  
religion means that you should not have

133  
00:06:47,300 --> 00:06:45,210  
to put up with the doctrines or

134  
00:06:50,750 --> 00:06:47,310  
practices of religions that you don't

135  
00:06:51,950 --> 00:06:50,760  
agree with the latest kerfuffle about

136  
00:06:54,740 --> 00:06:51,960  
religious freedom

137  
00:06:56,840 --> 00:06:54,750  
centers around the Ruddick review this

138  
00:06:59,510 --> 00:06:56,850

was set up to appease some of the more

139

00:07:02,060 --> 00:06:59,520

strident churches and religious groups

140

00:07:05,150 --> 00:07:02,070

after the gay marriage debate concluded

141

00:07:07,909 --> 00:07:05,160

late last year their contention is that

142

00:07:09,920 --> 00:07:07,919

their religious freedom will be affected

143

00:07:13,040 --> 00:07:09,930

if they are forced to recognize gay

144

00:07:16,430 --> 00:07:13,050

marriage what they're seeking is the

145

00:07:19,820 --> 00:07:16,440

right to operate outside of secular laws

146

00:07:21,680 --> 00:07:19,830

of Australia specifically they want

147

00:07:24,230 --> 00:07:21,690

exemptions around Australia's

148

00:07:26,540 --> 00:07:24,240

international obligations as well as

149

00:07:28,670 --> 00:07:26,550

state and federal laws concerning

150

00:07:32,110 --> 00:07:28,680

freedom of thought conscience and

151  
00:07:35,930 --> 00:07:32,120  
religious belief they want the rights to

152  
00:07:39,620 --> 00:07:35,940  
discriminate ironically they already

153  
00:07:41,689 --> 00:07:39,630  
have that as pointed out in a 2015

154  
00:07:43,700 --> 00:07:41,699  
submission from the Law Council of

155  
00:07:45,980 --> 00:07:43,710  
Australia to the then Human Rights

156  
00:07:48,620 --> 00:07:45,990  
Commissioner Tim Wilson there are

157  
00:07:51,980 --> 00:07:48,630  
already strong protections for freedom

158  
00:07:54,230 --> 00:07:51,990  
of religion in Australia to quote from

159  
00:07:56,689 --> 00:07:54,240  
that submission under some state and

160  
00:07:59,240 --> 00:07:56,699  
territory anti-discrimination laws if

161  
00:08:02,210 --> 00:07:59,250  
there is a conflict between religious

162  
00:08:04,129 --> 00:08:02,220  
freedom and equality before the law the

163  
00:08:04,790 --> 00:08:04,139

right to discriminate on religious

164

00:08:08,240 --> 00:08:04,800

grounds

165

00:08:11,839 --> 00:08:08,250

may be justified but only when and if

166

00:08:13,909 --> 00:08:11,849

necessary so what the law Council of

167

00:08:16,250 --> 00:08:13,919

Australia is saying there is that

168

00:08:18,890 --> 00:08:16,260

religions already have the right to

169

00:08:23,029 --> 00:08:18,900

discriminate contrary to common law of

170

00:08:26,240 --> 00:08:23,039

Australia why should any group be they

171

00:08:29,990 --> 00:08:26,250

religious or otherwise be given special

172

00:08:32,050 --> 00:08:30,000

privileges above secular law as we have

173

00:08:35,300 --> 00:08:32,060

seen from the Royal Commission into the

174

00:08:38,930 --> 00:08:35,310

institutional abuse of children that is

175

00:08:40,690 --> 00:08:38,940

a very dangerous thing to do the Royal

176

00:08:43,790 --> 00:08:40,700

Commission revealed a gut-wrenching

177

00:08:45,650 --> 00:08:43,800

litany of child abuse across many

178

00:08:49,069 --> 00:08:45,660

churches and other religious

179

00:08:51,079 --> 00:08:49,079

institutions in many cases the clergy

180

00:08:54,530 --> 00:08:51,089

didn't even realize they were acting

181

00:08:57,110 --> 00:08:54,540

outside of the law and in no case did

182

00:09:00,470 --> 00:08:57,120

the church leaders take the offenders to

183

00:09:03,700 --> 00:09:00,480

the police plainly they were putting

184

00:09:05,110 --> 00:09:03,710

Church law above common law

185

00:09:06,670 --> 00:09:05,120

and it got worse when the

186

00:09:08,920 --> 00:09:06,680

recommendations of the Commission were

187

00:09:11,200 --> 00:09:08,930

finally released one of those

188

00:09:13,540 --> 00:09:11,210

recommendations was that the doctrine of

189

00:09:16,030 --> 00:09:13,550

the Catholic Church around the sanctity

190

00:09:18,520 --> 00:09:16,040

of the confessional should be revised in

191

00:09:21,150 --> 00:09:18,530

other words if a priest hears a

192

00:09:24,570 --> 00:09:21,160

confession of sexual abuse of a child

193

00:09:27,040 --> 00:09:24,580

they should report it to the authorities

194

00:09:29,290 --> 00:09:27,050

predictably instead of the Catholic

195

00:09:31,600 --> 00:09:29,300

Church giving careful consideration of

196

00:09:34,450 --> 00:09:31,610

this and other recommendations from the

197

00:09:36,730 --> 00:09:34,460

Commission they came out swinging that

198

00:09:39,760 --> 00:09:36,740

this was an abuse of their religious

199

00:09:41,920 --> 00:09:39,770

freedom some clerics even came out and

200

00:09:44,190 --> 00:09:41,930

said they would rather go to jail than

201  
00:09:47,200 --> 00:09:44,200  
break the seal of the confessional I

202  
00:09:48,970 --> 00:09:47,210  
would think that if any crime is covered

203  
00:09:51,550 --> 00:09:48,980  
up under the guise of religious freedom

204  
00:09:55,060 --> 00:09:51,560  
then a jail term is probably the correct

205  
00:09:57,370 --> 00:09:55,070  
punishment that is not an expression of

206  
00:10:01,000 --> 00:09:57,380  
religious freedom it is aiding and

207  
00:10:03,250 --> 00:10:01,010  
abetting a crime no laws should be

208  
00:10:07,090 --> 00:10:03,260  
suspended at the door of the

209  
00:10:09,490 --> 00:10:07,100  
confessional so this is why I and so

210  
00:10:11,770 --> 00:10:09,500  
many other people are getting steamed up

211  
00:10:13,420 --> 00:10:11,780  
about the Ruddick review I'm an

212  
00:10:15,880 --> 00:10:13,430  
ambassador for the national secular

213  
00:10:18,370 --> 00:10:15,890

Lobby a group who promotes secular

214

00:10:19,900 --> 00:10:18,380

policy in Australia we put in a

215

00:10:22,450 --> 00:10:19,910

submission to the Radek review that

216

00:10:24,760 --> 00:10:22,460

basically said there are already too

217

00:10:26,590 --> 00:10:24,770

many protections of religion and that

218

00:10:29,230 --> 00:10:26,600

all religious practices ought to be

219

00:10:32,230 --> 00:10:29,240

brought back into accord with Australian

220

00:10:34,870 --> 00:10:32,240

law but most of the other submissions

221

00:10:37,600 --> 00:10:34,880

have been from religious groups arguing

222

00:10:40,510 --> 00:10:37,610

for more protection of what they see as

223

00:10:42,760 --> 00:10:40,520

their religious freedoms the freedom to

224

00:10:46,270 --> 00:10:42,770

discriminate the freedom to act in

225

00:10:50,020 --> 00:10:46,280

secrecy the freedom to act outside of

226

00:10:53,680 --> 00:10:50,030

the law while that voice must be heard

227

00:10:57,910 --> 00:10:53,690

in a free and fair society that path

228

00:11:01,270 --> 00:10:57,920

must not be followed get religion out of

229

00:11:04,360 --> 00:11:01,280

Australian politics bring all religions

230

00:11:08,740 --> 00:11:04,370

back to being law-abiding organisations

231

00:11:11,860 --> 00:11:08,750

we the non-religious are only asking the

232

00:11:14,890 --> 00:11:11,870

religious to act with decency and

233

00:11:18,490 --> 00:11:14,900

clarity those are supposed to be the

234

00:11:24,390 --> 00:11:18,500

domains of the religions why can't they

235

00:11:30,160 --> 00:11:26,400

[Music]

236

00:11:33,160 --> 00:11:30,170

submissions for the erotic review closed

237

00:11:35,679 --> 00:11:33,170

this Wednesday if you want your opinion

238

00:11:38,290 --> 00:11:35,689

just heard Google religious freedom

239

00:11:56,290 --> 00:11:38,300

review or just click link in this week's

240

00:11:57,879 --> 00:11:56,300

show notes dr. Kyle Kyle Chris was he

241

00:12:00,160 --> 00:11:57,889

proud to be skeptic and you can find out

242

00:12:04,970 --> 00:12:00,170

more about me at dr. Kyle calm and get

243

00:12:20,460 --> 00:12:17,269

[Music]

244

00:12:23,519 --> 00:12:20,470

and joining me now all the way from

245

00:12:25,500 --> 00:12:23,529

Windsor Ontario Canada it sounds like a

246

00:12:27,600 --> 00:12:25,510

great place to be especially this time

247

00:12:31,710 --> 00:12:27,610

of year nice and cold I bet it's bill

248

00:12:34,740 --> 00:12:31,720

Nouveau hello bill hello nice to catch

249

00:12:37,560 --> 00:12:34,750

up with you and before we get started on

250

00:12:40,290 --> 00:12:37,570

the topic which is the TV show in Canada

251  
00:12:42,210 --> 00:12:40,300  
called the Dragons Den internationally

252  
00:12:44,190 --> 00:12:42,220  
that's got other variations in Australia

253  
00:12:45,509 --> 00:12:44,200  
that's known as the shark tank but it's

254  
00:12:48,360 --> 00:12:45,519  
more or less the same thing we'll get to

255  
00:12:50,610 --> 00:12:48,370  
that soon can you tell our audience a

256  
00:12:53,160 --> 00:12:50,620  
little bit about yourself a bit of a bit

257  
00:12:54,509 --> 00:12:53,170  
about your background and your scam

258  
00:12:57,480 --> 00:12:54,519  
busting activities

259  
00:13:02,400 --> 00:12:57,490  
well let's start off with um by trade

260  
00:13:04,620 --> 00:13:02,410  
profession a magician I do magic a

261  
00:13:06,660 --> 00:13:04,630  
little bit of juggling I even do a

262  
00:13:08,759 --> 00:13:06,670  
little bit of a DJ work as well I

263  
00:13:11,519 --> 00:13:08,769

started when I was like seven years old

264

00:13:19,980 --> 00:13:11,529

performing and it's now like what 35

265

00:13:24,829 --> 00:13:19,990

years later performing for a while and I

266

00:13:28,319 --> 00:13:24,839

guess boat I know 12 13 years ago is a

267

00:13:31,290 --> 00:13:28,329

you know I was exposed more to James

268

00:13:36,180 --> 00:13:31,300

Randi and also with Penn & Teller with

269

00:13:38,759 --> 00:13:36,190

their [h\_\_h] episodes right so just a

270

00:13:40,680 --> 00:13:38,769

whole accumulation of that and you know

271

00:13:43,470 --> 00:13:40,690

I just started really researching into

272

00:13:47,730 --> 00:13:43,480

you know what magicians have done in

273

00:13:50,160 --> 00:13:47,740

debunking scam so I kind of basically

274

00:13:51,750 --> 00:13:50,170

got inspired from them I think a lot of

275

00:13:53,310 --> 00:13:51,760

people have the same story in the

276

00:13:55,860 --> 00:13:53,320

skeptical industry I certainly was

277

00:13:58,650 --> 00:13:55,870

inspired by the works of James James

278

00:14:01,500 --> 00:13:58,660

Randi and many people are of course but

279

00:14:03,990 --> 00:14:01,510

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

280

00:14:07,350 --> 00:14:04,000

still going good yeah yeah for sure

281

00:14:09,240 --> 00:14:07,360

and I noticed you've even set up I guess

282

00:14:14,189 --> 00:14:09,250

it's your your own site which is called

283

00:14:18,150 --> 00:14:14,199

scam busting yeah I started that a few

284

00:14:20,069 --> 00:14:18,160

years ago because I was debunking things

285

00:14:23,699 --> 00:14:20,079

like online on social media and stuff

286

00:14:25,889 --> 00:14:23,709

like that and my girlfriend and

287

00:14:27,780 --> 00:14:25,899

suggested that once you write up a blog

288

00:14:29,170 --> 00:14:27,790

you know put all those thoughts into a

289

00:14:31,000 --> 00:14:29,180

blog maybe you know other people

290

00:14:33,730 --> 00:14:31,010

we'll see it and I was like you know

291

00:14:35,710 --> 00:14:33,740

that's a good idea you know to help you

292

00:14:38,530 --> 00:14:35,720

know teach other people what the what to

293

00:14:40,450 --> 00:14:38,540

look out for absolutely I think it's a

294

00:14:42,340 --> 00:14:40,460

good thing to share your knowledge I'll

295

00:14:44,620 --> 00:14:42,350

link to this website folks in the show

296

00:14:47,560 --> 00:14:44,630

notes but it's called scam busting 101

297

00:14:49,750 --> 00:14:47,570

and what I also do is I'll link to your

298

00:14:51,340 --> 00:14:49,760

other website which is Nouveau

299

00:14:53,950 --> 00:14:51,350

entertainment that's all really about

300

00:14:57,670 --> 00:14:53,960

you and how people can I guess engage

301  
00:14:59,560 --> 00:14:57,680  
your services yeah yeah for sure well

302  
00:15:03,160 --> 00:14:59,570  
let's get to the topic in hand now some

303  
00:15:05,670 --> 00:15:03,170  
weeks ago I noticed online and it may

304  
00:15:07,990 --> 00:15:05,680  
have been you who alerted me to this

305  
00:15:13,210 --> 00:15:08,000  
although I must admit several people did

306  
00:15:15,670 --> 00:15:13,220  
on the Canadian show on the CBC network

307  
00:15:17,050 --> 00:15:15,680  
it's called Dragons Den and for those of

308  
00:15:18,910 --> 00:15:17,060  
you who don't know this is the sort of

309  
00:15:21,070 --> 00:15:18,920  
show where they get these business

310  
00:15:23,260 --> 00:15:21,080  
entrepreneurs sitting around and people

311  
00:15:25,360 --> 00:15:23,270  
come up and pitch ideas to them in the

312  
00:15:28,750 --> 00:15:25,370  
hopes that the entrepreneurs will fund

313  
00:15:31,360 --> 00:15:28,760

their their scheme in exchange for a

314

00:15:34,300 --> 00:15:31,370

piece of the action so they'll give them

315

00:15:36,310 --> 00:15:34,310

\$10,000 but I expect a certain amount of

316

00:15:39,160 --> 00:15:36,320

the profits or whatever it is it's a bit

317

00:15:41,320 --> 00:15:39,170

of a wheeling dealing situation and so

318

00:15:45,450 --> 00:15:41,330

some weeks ago an episode aired in

319

00:15:50,530 --> 00:15:45,460

Canada where a chiropractor came on and

320

00:15:53,740 --> 00:15:50,540

tried to convince the the Dragons now

321

00:15:55,360 --> 00:15:53,750

he's wonderful new invention bill maybe

322

00:15:58,420 --> 00:15:55,370

you can fill us in a little bit about

323

00:16:00,760 --> 00:15:58,430

that yeah I believe that episode was

324

00:16:04,810 --> 00:16:00,770

really December I think it was ah right

325

00:16:08,950 --> 00:16:04,820

right yeah and yeah when I saw it I was

326

00:16:10,570 --> 00:16:08,960

I was in shock is there's no other way

327

00:16:12,580 --> 00:16:10,580

to say I mean when I even children my

328

00:16:13,990 --> 00:16:12,590

girlfriend she just stood mouth open

329

00:16:16,060 --> 00:16:14,000

gaping dis going like she couldn't

330

00:16:18,100 --> 00:16:16,070

believe that they fell for this thing

331

00:16:20,470 --> 00:16:18,110

but basically yeah it aired in this

332

00:16:24,870 --> 00:16:20,480

chiropractor was demonstrating these

333

00:16:28,990 --> 00:16:24,880

clips which he claimed had some sort of

334

00:16:31,180 --> 00:16:29,000

quantum mystical force that made you you

335

00:16:33,430 --> 00:16:31,190

know be better balanced or stronger in

336

00:16:39,220 --> 00:16:33,440

various other claims or as they even

337

00:16:42,070 --> 00:16:39,230

said on the show more athletic is very

338

00:16:42,580 --> 00:16:42,080

ambiguous I wish I was more athletic

339

00:16:44,410 --> 00:16:42,590

what

340

00:16:47,830 --> 00:16:44,420

I'll do now is I'll play a short clip

341

00:16:51,010 --> 00:16:47,840

and this is taken from the CBC show

342

00:16:54,970 --> 00:16:51,020

marketplace and this is I imagine it's a

343

00:16:56,530 --> 00:16:54,980

show designed to help protect consumer

344

00:16:58,660 --> 00:16:56,540

rights in Canada is that more or less

345

00:17:01,840 --> 00:16:58,670

what they do yeah it's a yeah it's a

346

00:17:03,820 --> 00:17:01,850

consumer advocacy show all right well

347

00:17:06,160 --> 00:17:03,830

let me play a short clip from that in in

348

00:17:09,040 --> 00:17:06,170

this clip it's where the chiropractor

349

00:17:16,030 --> 00:17:09,050

comes on to the stage to start to sell

350

00:17:18,310 --> 00:17:16,040

his product that's right the little

351

00:17:23,020 --> 00:17:18,320

wonder it's got their national debut on

352

00:17:25,360 --> 00:17:23,030

the CBC next up a duo from Collingwood

353

00:17:27,310 --> 00:17:25,370

Ontario when meet us and his sidekick

354

00:17:29,470 --> 00:17:27,320

pitched their product they came looking

355

00:17:31,750 --> 00:17:29,480

for a hundred thousand dragon dollar

356

00:17:33,970 --> 00:17:31,760

product is neural Connect and they came

357

00:17:36,070 --> 00:17:33,980

armed with impressive claims I'm a

358

00:17:38,500 --> 00:17:36,080

chiropractor and I've developed a

359

00:17:41,380 --> 00:17:38,510

technology to help people's backs get

360

00:17:42,880 --> 00:17:41,390

better and stay better the devices I

361

00:17:45,730 --> 00:17:42,890

have developed are with a team of

362

00:17:47,440 --> 00:17:45,740

physicists and they change the atomic

363

00:17:49,840 --> 00:17:47,450

structure of the components of these

364

00:17:52,720 --> 00:17:49,850

devices to cause the nervous system to

365

00:17:56,110 --> 00:17:52,730

respond when you're wearing them and as

366

00:17:57,760 --> 00:17:56,120

a result the muscles work better and the

367

00:18:00,790 --> 00:17:57,770

joints work better as well

368

00:18:02,800 --> 00:18:00,800

to prove his point meatus experiments on

369

00:18:05,560 --> 00:18:02,810

the dragon reach up like you're reaching

370

00:18:09,820 --> 00:18:05,570

up onto a shelf you gotta wonder though

371

00:18:14,830 --> 00:18:09,830

is this really science or showmanship he

372

00:18:16,650 --> 00:18:14,840

clips on his invention and now you'll

373

00:18:18,539 --> 00:18:16,660

see how much stronger you are that's

374

00:18:21,909 --> 00:18:18,549

crazy

375

00:18:25,140 --> 00:18:21,919

stronger and supposedly more balanced

376

00:18:28,870 --> 00:18:25,150

the clips can cost 40 to 120 bucks

377

00:18:31,270 --> 00:18:28,880

that's got the Dragons attention so bill

378

00:18:34,659 --> 00:18:31,280

he was making some pretty amazing claims

379

00:18:36,399 --> 00:18:34,669

and again folks I'll link to the to the

380

00:18:39,070 --> 00:18:36,409

article and the video so you can see

381

00:18:40,870 --> 00:18:39,080

this all for yourself but as you saw and

382

00:18:43,180 --> 00:18:40,880

as I saw when we were watching this he

383

00:18:45,970 --> 00:18:43,190

was doing more or less the old balance

384

00:18:49,149 --> 00:18:45,980

tricks wasn't he yeah the the old

385

00:18:51,970 --> 00:18:49,159

applied kinesiology tre Assam which all

386

00:18:55,000 --> 00:18:51,980

stem will stem from like the old snake

387

00:18:56,919 --> 00:18:55,010

or literally snake oil salesman way back

388

00:18:58,390 --> 00:18:56,929

in the day the tricks they used to fool

389

00:19:02,380 --> 00:18:58,400

people into thinking that those pills

390

00:19:04,930 --> 00:19:02,390

were working and it's a classic example

391

00:19:06,909 --> 00:19:04,940

what he does if we have one of the

392

00:19:08,260 --> 00:19:06,919

volunteers they raise their army pushes

393

00:19:09,909 --> 00:19:08,270

down and they're weak and of course he

394

00:19:13,360 --> 00:19:09,919

applies these clips to their legs I

395

00:19:17,640 --> 00:19:13,370

think on their trousers and then he's

396

00:19:20,350 --> 00:19:17,650

strong again but you were so outraged as

397

00:19:24,100 --> 00:19:20,360

Biggs where you actually wrote to

398

00:19:26,740 --> 00:19:24,110

marketplace yeah I mean because you know

399

00:19:30,640 --> 00:19:26,750

dragon sin is on CBC which is an ash or

400

00:19:33,130 --> 00:19:30,650

national television station CBC

401

00:19:34,529 --> 00:19:33,140

marketplace is also on air as well you

402

00:19:37,960 --> 00:19:34,539

know I contact them and say you know

403

00:19:40,240 --> 00:19:37,970

you're a nun on your own station you

404

00:19:45,430 --> 00:19:40,250

have something else that was promoted

405

00:19:46,779 --> 00:19:45,440

that was bunk you know you should do

406

00:19:48,370 --> 00:19:46,789

something but if you need to you know

407

00:19:51,340 --> 00:19:48,380

you can contact me I'll tell you how did

408

00:19:54,299 --> 00:19:51,350

you bunk it which they initially did

409

00:19:56,890 --> 00:19:54,309

they did call me in December to get some

410

00:20:01,980 --> 00:19:56,900

advice on how to go about debunking it

411

00:20:05,380 --> 00:20:01,990

and I suggested you know doing you know

412

00:20:08,620 --> 00:20:05,390

you know a small little study type of

413

00:20:10,060 --> 00:20:08,630

thing to show you know how to do like

414

00:20:11,620 --> 00:20:10,070

with double blinding and everything else

415

00:20:13,000 --> 00:20:11,630

I made sure that they knew that they had

416

00:20:15,640 --> 00:20:13,010

the double blinded and what that meant

417

00:20:17,140 --> 00:20:15,650

right of course and then I explained you

418

00:20:20,770 --> 00:20:17,150

know the arm thing you know how that

419

00:20:24,010 --> 00:20:20,780

worked and why it was it was just a scam

420

00:20:28,450 --> 00:20:24,020

at that point and they thanked me and

421

00:20:29,799 --> 00:20:28,460

then back in just a January had middle

422

00:20:32,259 --> 00:20:29,809

of January I think it was the 15th or

423

00:20:33,759 --> 00:20:32,269

something they contacted me near

424

00:20:35,649 --> 00:20:33,769

like we know it's short notice but can

425

00:20:38,199 --> 00:20:35,659

you come down to Toronto which is like a

426

00:20:40,269 --> 00:20:38,209

three and a half hour trip mm-hmm

427

00:20:46,930 --> 00:20:40,279

to do some filming over the next two

428

00:20:50,409 --> 00:20:46,940

days that was like actually yeah this is

429

00:20:53,019 --> 00:20:50,419

I mean I must I'm giggling because it

430

00:20:55,299 --> 00:20:53,029

really does remind me of the situation I

431

00:20:57,999 --> 00:20:55,309

found myself in almost ten years ago

432

00:21:01,389 --> 00:20:58,009

here in Australia where I wrote to a

433

00:21:04,449 --> 00:21:01,399

network and said the story you showed on

434

00:21:05,859 --> 00:21:04,459

the Power Balance bands you know I don't

435

00:21:07,749 --> 00:21:05,869

think they really work and I can show

436

00:21:09,369 --> 00:21:07,759

you how and the next thing I knew I was

437

00:21:13,149 --> 00:21:09,379

on a plane heading for Adelaide to a

438

00:21:14,560 --> 00:21:13,159

taping of TV show myself so it's

439

00:21:15,969 --> 00:21:14,570

interesting that all these years later

440

00:21:18,219 --> 00:21:15,979

you find yourself in a very similar

441

00:21:19,839 --> 00:21:18,229

situation you with a very similar

442

00:21:22,389 --> 00:21:19,849

product really yeah really

443

00:21:25,029 --> 00:21:22,399

yeah yeah it's a bit of useless plastic

444

00:21:27,459 --> 00:21:25,039

or whatever that doesn't do anything

445

00:21:30,430 --> 00:21:27,469

obviously and the whole gimmick relies

446

00:21:31,779 --> 00:21:30,440

on these applied kinesiology tricks well

447

00:21:34,269 --> 00:21:31,789

let me play now the clip of the

448

00:21:38,049 --> 00:21:34,279

marketplace where you walk onto the

449

00:21:40,209 --> 00:21:38,059

stage Bell Nouveau wrote to he believes

450

00:21:40,899 --> 00:21:40,219

the dragons were scammed pick a card any

451  
00:21:43,149 --> 00:21:40,909  
card

452  
00:21:47,229 --> 00:21:43,159  
he should know he happens to be a

453  
00:21:48,969 --> 00:21:47,239  
magician and this is what you do this is

454  
00:21:50,979 --> 00:21:48,979  
absolutely amazing don't take your eyes

455  
00:21:51,540 --> 00:21:50,989  
off this here we go using the power of

456  
00:21:55,539 --> 00:21:51,550  
the mind

457  
00:21:58,940 --> 00:21:55,549  
[Music]

458  
00:22:05,690 --> 00:21:58,950  
and knows how sleight of hands can give

459  
00:22:08,180 --> 00:22:05,700  
the illusion of truth so this is where

460  
00:22:15,499 --> 00:22:08,190  
they film Dragon's Den it's not set up

461  
00:22:22,190 --> 00:22:18,970  
why did you email marketplace I was

462  
00:22:25,369 --> 00:22:22,200  
awestruck in like just I was completely

463  
00:22:28,489 --> 00:22:25,379

befuddled that how the dragons were

464

00:22:30,919 --> 00:22:28,499

fooled so easily his magicians were kind

465

00:22:32,389 --> 00:22:30,929

of what's called honest liars were paid

466

00:22:33,919 --> 00:22:32,399

to lie to people you know we're

467

00:22:37,100 --> 00:22:33,929

deceiving you but what I saw was

468

00:22:39,320 --> 00:22:37,110

deception without people knowing that

469

00:22:41,989 --> 00:22:39,330

they were being deceived it could be a

470

00:22:47,419 --> 00:22:41,999

common magician's trick and it's called

471

00:22:49,129 --> 00:22:47,429

misdirection yeah it's actually like a

472

00:22:51,289 --> 00:22:49,139

parlor trick a way back in the days

473

00:22:52,970 --> 00:22:51,299

snake oil salesmen used to use these

474

00:22:55,129 --> 00:22:52,980

tricks to fool people into believing

475

00:22:57,680 --> 00:22:55,139

that you know whatever pill that they

476  
00:23:01,789 --> 00:22:57,690  
were being sold was given them strength

477  
00:23:03,440 --> 00:23:01,799  
or you know make him feel better put

478  
00:23:05,419 --> 00:23:03,450  
your arm up yeah bill has his own

479  
00:23:08,210 --> 00:23:05,429  
explanation of how the Dragons could

480  
00:23:10,970 --> 00:23:08,220  
have been fooled see how easy that is to

481  
00:23:13,369 --> 00:23:10,980  
go down right then you did the thing you

482  
00:23:14,720 --> 00:23:13,379  
posed to put the clip on yeah you can

483  
00:23:17,269 --> 00:23:14,730  
see like I'm putting a lot more pressure

484  
00:23:19,249 --> 00:23:17,279  
on you right is sometimes when you do

485  
00:23:21,230 --> 00:23:19,259  
the second time you're resisting a lot

486  
00:23:23,149 --> 00:23:21,240  
more but if I do it switch the angle to

487  
00:23:25,399 --> 00:23:23,159  
towards your body or more specifically

488  
00:23:29,090 --> 00:23:25,409

towards your foot I can resist you can

489

00:23:30,200 --> 00:23:29,100

resist and I can even yeah it's it's

490

00:23:32,149 --> 00:23:30,210

something as simple as that

491

00:23:33,919 --> 00:23:32,159

so you say he was playing tricks on the

492

00:23:36,440 --> 00:23:33,929

Dragons I do I do

493

00:23:38,629 --> 00:23:36,450

well done bill that's great I mean it's

494

00:23:41,810 --> 00:23:38,639

good to hear you and folks you can see

495

00:23:43,879 --> 00:23:41,820

bill demonstrating what exactly was

496

00:23:46,369 --> 00:23:43,889

going on and I noticed in watching the

497

00:23:49,039 --> 00:23:46,379

rest of the marketplace story that the

498

00:23:52,149 --> 00:23:49,049

the Dragons ultimately didn't follow

499

00:23:55,190 --> 00:23:52,159

through and didn't help support this

500

00:23:56,869 --> 00:23:55,200

chiropractor yeah that was that that was

501  
00:23:59,600 --> 00:23:56,879  
a good thing actually I was glad about

502  
00:24:01,789 --> 00:23:59,610  
that because we don't know for awhile

503  
00:24:03,379 --> 00:24:01,799  
because they even though on the show

504  
00:24:05,690 --> 00:24:03,389  
they can say you know hey we'll buy into

505  
00:24:07,249 --> 00:24:05,700  
this there's always that you know caveat

506  
00:24:08,570 --> 00:24:07,259  
of you know we'll look into it

507  
00:24:12,260 --> 00:24:08,580  
afterwards more

508  
00:24:14,720 --> 00:24:12,270  
yeah and luckily you know they did yes

509  
00:24:16,490 --> 00:24:14,730  
so I think like I think the fact that on

510  
00:24:18,280 --> 00:24:16,500  
the show that they were so easily fooled

511  
00:24:21,590 --> 00:24:18,290  
kind of gave it a little bit of

512  
00:24:24,050 --> 00:24:21,600  
credibility undue credibility I

513  
00:24:26,660 --> 00:24:24,060

absolutely agree and it's all very well

514

00:24:28,180 --> 00:24:26,670

for marketplace to come up and then show

515

00:24:30,410 --> 00:24:28,190

obviously that it doesn't work

516

00:24:32,570 --> 00:24:30,420

unfortunately the Dragons Den went to

517

00:24:34,520 --> 00:24:32,580

where and lots of people would naturally

518

00:24:37,010 --> 00:24:34,530

think this product works and probably

519

00:24:38,450 --> 00:24:37,020

went out and bought it so it's a pity

520

00:24:40,250 --> 00:24:38,460

that the Dragons weren't a little bit

521

00:24:43,190 --> 00:24:40,260

more you know what they should have you

522

00:24:45,350 --> 00:24:43,200

there on every episode just just to cast

523

00:24:46,130 --> 00:24:45,360

your skeptical eye I think well it's

524

00:24:47,570 --> 00:24:46,140

almost there mean I

525

00:24:49,280 --> 00:24:47,580

they almost should have some people

526

00:24:51,800 --> 00:24:49,290

vetting some of these people before they

527

00:24:53,720 --> 00:24:51,810

even get to the Dragons you know I I

528

00:24:56,450 --> 00:24:53,730

agree but it's an interesting one that

529

00:24:59,060 --> 00:24:56,460

trick the applied kinesiology trick is

530

00:25:00,740 --> 00:24:59,070

very good when you think about it it

531

00:25:02,990 --> 00:25:00,750

really does fool a lot of people and

532

00:25:06,500 --> 00:25:03,000

that's why companies like Power Balance

533

00:25:09,920 --> 00:25:06,510

was so successful oh for sure it's a

534

00:25:13,700 --> 00:25:09,930

great magic trick it is it is that's

535

00:25:15,680 --> 00:25:13,710

really what it is it really is well bill

536

00:25:18,830 --> 00:25:15,690

look thanks very much for doing that

537

00:25:20,450 --> 00:25:18,840

being prepared to go on the marketplace

538

00:25:24,110 --> 00:25:20,460

but more importantly I think writing

539

00:25:26,000 --> 00:25:24,120

letting them know not only that your

540

00:25:27,920 --> 00:25:26,010

displeasure but also letting them know

541

00:25:30,200 --> 00:25:27,930

that you could shed some light on this

542

00:25:35,750 --> 00:25:30,210

and I think that's very important I I

543

00:25:37,790 --> 00:25:35,760

agree silent voices don't do much well

544

00:25:40,130 --> 00:25:37,800

folks again I'll link to everything that

545

00:25:41,870 --> 00:25:40,140

we've been discussing about this whole

546

00:25:45,380 --> 00:25:41,880

situation you can see the video for

547

00:25:47,300 --> 00:25:45,390

yourself and be outraged just just as we

548

00:25:49,310 --> 00:25:47,310

were and then you can check out all of

549

00:25:51,320 --> 00:25:49,320

the bills activities plus his

550

00:25:54,440 --> 00:25:51,330

entertainment well bill all the way over

551  
00:25:57,220 --> 00:25:54,450  
there in Windsor Ontario thank you very

552  
00:26:16,880 --> 00:25:57,230  
much thank you Richard

553  
00:26:20,390 --> 00:26:19,250  
in Redford here if I can have a minute

554  
00:26:22,490 --> 00:26:20,400  
of your time I'd like to shamelessly

555  
00:26:24,590 --> 00:26:22,500  
plug my new book it's called

556  
00:26:27,020 --> 00:26:24,600  
investigating ghosts the scientific

557  
00:26:28,730 --> 00:26:27,030  
search for spirits examines ghost

558  
00:26:30,740 --> 00:26:28,740  
hunting in ghost investigations from

559  
00:26:32,990 --> 00:26:30,750  
historical cultural and evidence-based

560  
00:26:35,810 --> 00:26:33,000  
perspective from the Victorian era to

561  
00:26:37,910 --> 00:26:35,820  
modern TV ghost hunters it is in a way a

562  
00:26:39,650 --> 00:26:37,920  
follow-up to my 2010 book scientific

563  
00:26:41,960 --> 00:26:39,660

paranormal investigation how to solve

564

00:26:43,180 --> 00:26:41,970

unexplained mysteries that book was more

565

00:26:45,680 --> 00:26:43,190

general covering everything from

566

00:26:47,960 --> 00:26:45,690

psychics to crop circles to monsters and

567

00:26:50,270 --> 00:26:47,970

ghosts but I realized the ghosts are a

568

00:26:52,159 --> 00:26:50,280

special category not only are ghosts the

569

00:26:53,870 --> 00:26:52,169

most popular paranormal pursuit but

570

00:26:55,850 --> 00:26:53,880

ghost hunting also has its own set of

571

00:26:58,130 --> 00:26:55,860

assumptions and challenges the book will

572

00:27:01,600 --> 00:26:58,140

be available soon for under 20 bucks and

573

00:27:05,320 --> 00:27:03,430

for more information on the book and me

574

00:27:06,580 --> 00:27:05,330

check out Benjamin Radford com

575

00:27:23,340 --> 00:27:06,590

please check it out Thanks

576

00:27:36,190 --> 00:27:27,280

it's the raw skeptic report with Heidi

577

00:27:38,350 --> 00:27:36,200

Robertson hello everyone

578

00:27:42,130 --> 00:27:38,360

Heidi Robertson here from the Northern

579

00:27:44,890 --> 00:27:42,140

Rivers vaccination supporters a tragic

580

00:27:48,760 --> 00:27:44,900

story broke today the 8th of February

581

00:27:52,240 --> 00:27:48,770

2018 about the death of a Queensland man

582

00:27:54,360 --> 00:27:52,250

from diphtheria diphtheria is not a

583

00:27:57,750 --> 00:27:54,370

disease we hear about much these days

584

00:28:01,780 --> 00:27:57,760

thankfully thanks to a very successful

585

00:28:03,910 --> 00:28:01,790

vaccine the Australian vaccination

586

00:28:07,000 --> 00:28:03,920

skeptics Network gets a mention in the

587

00:28:11,560 --> 00:28:07,010

article and thankfully not in a positive

588

00:28:13,450 --> 00:28:11,570

light despite the tragedy of the case it

589

00:28:15,820 --> 00:28:13,460

is at least heartening to see

590

00:28:18,130 --> 00:28:15,830

journalists who no longer contact the

591

00:28:21,400 --> 00:28:18,140

Avs End for their opinions on stories

592

00:28:23,530 --> 00:28:21,410

relating to vaccination I must mention

593

00:28:26,350 --> 00:28:23,540

that that is largely due to pro

594

00:28:29,290 --> 00:28:26,360

vaccination activists and groups like

595

00:28:31,360 --> 00:28:29,300

stop the AVN who have brought up the

596

00:28:35,160 --> 00:28:31,370

issue of false balance with journalists

597

00:28:38,890 --> 00:28:35,170

whenever contacted about a story so

598

00:28:41,920 --> 00:28:38,900

congratulations to mark Rigby of ABCDE

599

00:28:46,230 --> 00:28:41,930

you for reporting on this story without

600

00:28:49,720 --> 00:28:46,240

consulting rabid anti-vaccination groups

601  
00:28:52,030 --> 00:28:49,730  
here's the article quote diphtheria

602  
00:28:55,390 --> 00:28:52,040  
death shows Queensland is failing to

603  
00:28:58,030 --> 00:28:55,400  
properly vaccinate AMA warns by mark

604  
00:29:00,370 --> 00:28:58,040  
Rigby the death of a Far North

605  
00:29:02,080 --> 00:29:00,380  
Queensland man from diphtheria is a sign

606  
00:29:04,540 --> 00:29:02,090  
the state is failing to properly

607  
00:29:08,710 --> 00:29:04,550  
vaccinate the community the Australian

608  
00:29:11,470 --> 00:29:08,720  
Medical Association or AMA says the man

609  
00:29:13,720 --> 00:29:11,480  
who was in his 20s and not vaccinated

610  
00:29:15,820 --> 00:29:13,730  
against the disease was flown from

611  
00:29:18,310 --> 00:29:15,830  
Cairns hospital to brisbin's Prince

612  
00:29:21,880 --> 00:29:18,320  
Charles Hospital in a critical condition

613  
00:29:23,680 --> 00:29:21,890

on January the 24th and on Wednesday

614

00:29:26,950 --> 00:29:23,690

authorities confirmed

615

00:29:29,200 --> 00:29:26,960

he had since died it is the state's

616

00:29:34,480 --> 00:29:29,210

first recorded death from the bacterial

617

00:29:36,850 --> 00:29:34,490

disease since 2011 diphtheria causes

618

00:29:40,119 --> 00:29:36,860

severe inflammation of the nose throat

619

00:29:42,100 --> 00:29:40,129

and windpipe but is considered rare in

620

00:29:44,789 --> 00:29:42,110

most developed countries because of

621

00:29:46,960 --> 00:29:44,799

widespread vaccination programs

622

00:29:49,360 --> 00:29:46,970

Queensland Health said the case was

623

00:29:51,519 --> 00:29:49,370

acquired locally and the department last

624

00:29:53,830 --> 00:29:51,529

month tracked down five people who had

625

00:29:55,840 --> 00:29:53,840

been in close contact with the man to

626

00:29:59,200 --> 00:29:55,850

ensure they have not contracted the

627

00:30:01,330 --> 00:29:59,210

disease dr. Richard kid from AMA

628

00:30:03,430 --> 00:30:01,340

Queensland said the case highlighted the

629

00:30:08,019 --> 00:30:03,440

risk of not being vaccinated against

630

00:30:09,759 --> 00:30:08,029

rare diseases quote in the early 1900s

631

00:30:11,680 --> 00:30:09,769

diphtheria caused more deaths in

632

00:30:14,499 --> 00:30:11,690

Australia than any other infectious

633

00:30:16,810 --> 00:30:14,509

disease he said it's a very powerful

634

00:30:18,730 --> 00:30:16,820

story about the value of the vaccine

635

00:30:21,070 --> 00:30:18,740

because it's virtually disappeared and

636

00:30:23,649 --> 00:30:21,080

no vaccinated person has died from

637

00:30:24,340 --> 00:30:23,659

diphtheria in Australia in the past 20

638

00:30:27,730 --> 00:30:24,350

years

639

00:30:29,710 --> 00:30:27,740

end quote he said it was concerning that

640

00:30:32,499 --> 00:30:29,720

diphtheria still claimed lives in

641

00:30:34,659 --> 00:30:32,509

Australia quote it means that we are

642

00:30:37,810 --> 00:30:34,669

failing as a community to properly

643

00:30:39,399 --> 00:30:37,820

vaccinate people he said one of the

644

00:30:41,560 --> 00:30:39,409

reasons it's not spreading and we're

645

00:30:44,259 --> 00:30:41,570

just getting the isolated cases is

646

00:30:47,440 --> 00:30:44,269

because the herd immunity is pretty good

647

00:30:49,509 --> 00:30:47,450

but it should be better if it was better

648

00:30:53,279 --> 00:30:49,519

we wouldn't even be seeing those

649

00:30:57,279 --> 00:30:53,289

isolated cases happening and to quote

650

00:30:59,080 --> 00:30:57,289

dr. Kidd said the AMA of Queensland was

651  
00:31:01,480 --> 00:30:59,090  
concerned that claims made by the

652  
00:31:03,549 --> 00:31:01,490  
anti-vaccination movement were

653  
00:31:06,909 --> 00:31:03,559  
contributing to lower vaccination rates

654  
00:31:10,119 --> 00:31:06,919  
in Queensland quote the anti vaccination

655  
00:31:12,970 --> 00:31:10,129  
network or the Australian vaccination

656  
00:31:15,490 --> 00:31:12,980  
skeptics Network has been very active in

657  
00:31:17,440 --> 00:31:15,500  
Queensland in the past few years and has

658  
00:31:19,860 --> 00:31:17,450  
been affecting in some areas the

659  
00:31:21,909 --> 00:31:19,870  
vaccination rates through misinformation

660  
00:31:23,919 --> 00:31:21,919  
parents who want to do the right thing

661  
00:31:25,869 --> 00:31:23,929  
for their children are always looking

662  
00:31:28,210 --> 00:31:25,879  
for information to help them decide what

663  
00:31:29,919 --> 00:31:28,220

is the right thing to do and the

664

00:31:32,830 --> 00:31:29,929

misinformation from the anti vaccination

665

00:31:34,869 --> 00:31:32,840

Network has led some parents to not

666

00:31:36,720 --> 00:31:34,879

vaccinate their children which is

667

00:31:39,360 --> 00:31:36,730

awfully worrying

668

00:31:41,520 --> 00:31:39,370

and quote Queensland Health issued a

669

00:31:44,240 --> 00:31:41,530

statement to the ABC offering

670

00:31:49,770 --> 00:31:44,250

condolences to the man's family and

671

00:31:52,560 --> 00:31:49,780

quote and it is a very sad case let's

672

00:32:01,110 --> 00:31:52,570

hope we do not hear of any more such

673

00:32:02,390 --> 00:32:01,120

cases in the future this has been highly

674

00:32:05,580 --> 00:32:02,400

Robertson from the Northern Rivers

675

00:32:10,320 --> 00:32:05,590

vaccination supporters you can find us

676  
00:32:13,440 --> 00:32:10,330  
on Facebook Twitter and at an RBS dot

677  
00:32:31,020 --> 00:32:13,450  
info until next time bye bye

678  
00:32:36,640 --> 00:32:34,210  
hey svenska skeptical elevator elevator

679  
00:32:38,800 --> 00:32:36,650  
scope forbidding in the battle none

680  
00:32:41,380 --> 00:32:38,810  
hanger of the skeptic zone with an ox or

681  
00:32:43,870 --> 00:32:41,390  
a fearful dog pop science quiz or

682  
00:32:45,880 --> 00:32:43,880  
skeptical Kevin Thomas Valley Quinn

683  
00:32:48,580 --> 00:32:45,890  
Povey very primitive Oh from Tess

684  
00:32:51,220 --> 00:32:48,590  
efforts for 9 before free ulica you call

685  
00:32:53,050 --> 00:32:51,230  
for any a hunter melanda top gone warmly

686  
00:32:55,960 --> 00:32:53,060  
bow installed our entities non-local

687  
00:33:00,340 --> 00:32:55,970  
Fanning boffin to start I'm 12 your

688  
00:33:02,860 --> 00:33:00,350

bottom add a new hello all skeptics in

689

00:33:05,230 --> 00:33:02,870

Sweden I'm sure you already know that

690

00:33:07,180 --> 00:33:05,240

the Swedish skeptics Association not

691

00:33:09,820 --> 00:33:07,190

only is a big fan of the skeptic zone

692

00:33:12,010 --> 00:33:09,830

but that we also organize lectures pop

693

00:33:18,670 --> 00:33:12,020

science quiz and skeptics in the pub all

694

00:33:20,980 --> 00:33:18,680

over the country go to WWE FTSE to see

695

00:33:23,290 --> 00:33:20,990

what our 7 local chapters are up to and

696

00:33:25,680 --> 00:33:23,300

if you live in a place where there is no

697

00:33:31,240 --> 00:33:25,690

local chapter why not start one yourself

698

00:33:31,250 --> 00:33:43,690

[Music]

699

00:33:48,890 --> 00:33:47,000

now from the Department of just when you

700

00:33:52,040 --> 00:33:48,900

thought it couldn't get any more new Pia

701  
00:33:54,710 --> 00:33:52,050  
The Sydney Morning Herald on Friday the

702  
00:33:59,600 --> 00:33:54,720  
9th of February tells us on the front

703  
00:34:04,400 --> 00:33:59,610  
page a story by Esther Han doctors

704  
00:34:06,970 --> 00:34:04,410  
horrified by bizarre TGA lists TGA means

705  
00:34:10,580 --> 00:34:06,980  
the Therapeutic Goods Administration

706  
00:34:12,830 --> 00:34:10,590  
missus the government body supposedly

707  
00:34:15,280 --> 00:34:12,840  
oversees therapeutics goods in Australia

708  
00:34:18,530 --> 00:34:15,290  
meaning devices drugs and so on

709  
00:34:22,340 --> 00:34:18,540  
she says hundreds of bizarre health

710  
00:34:25,820 --> 00:34:22,350  
claims such as quote terrifies kidney

711  
00:34:29,060 --> 00:34:25,830  
essence end quote and quote opens body

712  
00:34:30,500 --> 00:34:29,070  
orifices end quote will be approved by

713  
00:34:33,350 --> 00:34:30,510

the therapeutics Goods Administration

714

00:34:36,080 --> 00:34:33,360

and appear on complementary medicine

715

00:34:38,000 --> 00:34:36,090

labels under new laws being pushed by

716

00:34:41,119 --> 00:34:38,010

the federal government horrifying

717

00:34:42,980 --> 00:34:41,129

doctors in July last year the TGA began

718

00:34:44,510 --> 00:34:42,990

developing a list of quote permitted

719

00:34:46,460 --> 00:34:44,520

indications end quote

720

00:34:48,710 --> 00:34:46,470

that would restrict vitamin and herbal

721

00:34:50,599 --> 00:34:48,720

medicine companies to making only

722

00:34:52,550 --> 00:34:50,609

government-approved health claims on

723

00:34:55,369 --> 00:34:52,560

their products once the Therapeutic

724

00:34:58,250 --> 00:34:55,379

Goods Administration bill passed and it

725

00:35:01,250 --> 00:34:58,260

goes on to say quote that TGA held

726  
00:35:04,130 --> 00:35:01,260  
industry consultations and just lost the

727  
00:35:06,410 --> 00:35:04,140  
plot it gave them license to deceive in

728  
00:35:08,660 --> 00:35:06,420  
quote says Alan Asher a regulatory

729  
00:35:10,550 --> 00:35:08,670  
expert and former Deputy Chair of the

730  
00:35:14,090 --> 00:35:10,560  
Australian Competition and Consumer

731  
00:35:16,420 --> 00:35:14,100  
Commission and the article goes on with

732  
00:35:19,640 --> 00:35:16,430  
a list a little list of some of the

733  
00:35:22,040 --> 00:35:19,650  
terms being put forward hard to swallow

734  
00:35:25,220 --> 00:35:22,050  
it says here are some of the curious

735  
00:35:28,210 --> 00:35:25,230  
finds on the TJ's latest draft list of

736  
00:35:29,390 --> 00:35:28,220  
permitted indications balanced

737  
00:35:37,700 --> 00:35:29,400  
aggravated

738  
00:35:42,290 --> 00:35:37,710

Water enriched kidney Jing ji ng promote

739

00:35:47,020 --> 00:35:42,300

water metabolism in gender fluid dis

740

00:35:51,320 --> 00:35:47,030

inhibit water soften hardness

741

00:35:54,050 --> 00:35:51,330

extinguished damp cold expel stagnant

742

00:35:56,750 --> 00:35:54,060

heat and later on in the paper we have

743

00:36:00,030 --> 00:35:56,760

an opinion piece by dr. Ken Harvey

744

00:36:03,270 --> 00:36:00,040

how would you like to quote stimulate

745

00:36:06,690 --> 00:36:03,280

your Chi in quote or perhaps quote

746

00:36:09,630 --> 00:36:06,700

replenish your essence man could these

747

00:36:12,059 --> 00:36:09,640

one-liners are among more than 1,000 the

748

00:36:14,400 --> 00:36:12,069

therapeutics Goods Administration says

749

00:36:16,710 --> 00:36:14,410

complementary medicine makers can put on

750

00:36:18,510 --> 00:36:16,720

their products products that for the

751  
00:36:21,240 --> 00:36:18,520  
most part have no scientific evidence to

752  
00:36:23,099 --> 00:36:21,250  
prove their worth in the face of growing

753  
00:36:25,650 --> 00:36:23,109  
concern about the marketing of such

754  
00:36:29,819 --> 00:36:25,660  
products the TGA has published a soon to

755  
00:36:31,410 --> 00:36:29,829  
be enforced list of 1019 quote permitted

756  
00:36:33,809 --> 00:36:31,420  
indications end quote

757  
00:36:36,900 --> 00:36:33,819  
that it says the industry can use on

758  
00:36:39,420 --> 00:36:36,910  
labels but the TGA allowed the industry

759  
00:36:41,550 --> 00:36:39,430  
to come up with the list itself and then

760  
00:36:42,900 --> 00:36:41,560  
endorse it despite concerns from

761  
00:36:44,940 --> 00:36:42,910  
consumer advocates and health

762  
00:36:47,160 --> 00:36:44,950  
professionals who argued the list

763  
00:36:49,109 --> 00:36:47,170

endorses pseudoscience

764

00:36:51,300 --> 00:36:49,119

they also said it encouraged the

765

00:36:53,250 --> 00:36:51,310

industry to evade the need to have

766

00:36:57,180 --> 00:36:53,260

scientific proof and would boost

767

00:37:00,210 --> 00:36:57,190

consumer spending now more than 4.5

768

00:37:02,430 --> 00:37:00,220

billion dollars a year on complementary

769

00:37:04,290 --> 00:37:02,440

medicines only a hundred and forty

770

00:37:06,599 --> 00:37:04,300

claims on the list require the

771

00:37:09,809 --> 00:37:06,609

manufacturer to have specific evidence

772

00:37:12,900 --> 00:37:09,819

that backs them up for the rest only

773

00:37:17,309 --> 00:37:12,910

evidence for quote traditional and quote

774

00:37:19,230 --> 00:37:17,319

use is required use for more than 75

775

00:37:21,750 --> 00:37:19,240

years in an alternative medical

776

00:37:24,450 --> 00:37:21,760

tradition such as traditional Chinese

777

00:37:27,720 --> 00:37:24,460

medicine Western herbalism homeopathy

778

00:37:29,190 --> 00:37:27,730

and so on the TGA trusts the

779

00:37:31,950 --> 00:37:29,200

manufacturer to hold the necessary

780

00:37:33,720 --> 00:37:31,960

evidence it's only checked if a

781

00:37:37,290 --> 00:37:33,730

complaint is submitted or the TGA

782

00:37:39,750 --> 00:37:37,300

conducts a post marketing review but

783

00:37:43,380 --> 00:37:39,760

this trust in the industry is misplaced

784

00:37:45,540 --> 00:37:43,390

the TGA zone work shows regulatory

785

00:37:50,210 --> 00:37:45,550

breaches are on the rise when it comes

786

00:37:54,720 --> 00:37:50,220

to complementary medicines in 2014-15

787

00:37:57,870 --> 00:37:54,730

73% of the 212 cases investigated were

788

00:38:02,849 --> 00:37:57,880

found to be in breach that jumped to 80%

789

00:38:05,819 --> 00:38:02,859

of the 473 cases investigated in 2015-16

790

00:38:08,130 --> 00:38:05,829

and the most common problem was failure

791

00:38:10,410 --> 00:38:08,140

to produce evidence to support product

792

00:38:13,170 --> 00:38:10,420

claims critics one

793

00:38:15,329 --> 00:38:13,180

labels to at least carry advice making

794

00:38:17,789 --> 00:38:15,339

it clear any claims for these products

795

00:38:20,490 --> 00:38:17,799

are based on alternative health theories

796

00:38:23,099 --> 00:38:20,500

that have not been validated by modern

797

00:38:25,760 --> 00:38:23,109

medical science but this was knocked

798

00:38:29,160 --> 00:38:25,770

back Australia is a multicultural and

799

00:38:32,039 --> 00:38:29,170

pluralistic society and it's appropriate

800

00:38:34,770 --> 00:38:32,049

that we respect understand and allow

801

00:38:37,109 --> 00:38:34,780

access to traditional alternative and

802

00:38:40,200 --> 00:38:37,119

complementary medical traditions and

803

00:38:41,970 --> 00:38:40,210

products however it is also important

804

00:38:43,890 --> 00:38:41,980

that we restrain purveyors of these

805

00:38:46,440 --> 00:38:43,900

medicines from taking advantage of

806

00:38:48,420 --> 00:38:46,450

consumer ignorant and that we protect

807

00:38:53,430 --> 00:38:48,430

consumers from misleading and deceptive

808

00:38:55,799 --> 00:38:53,440

claims in Harvey is an associate

809

00:38:58,440 --> 00:38:55,809

professor at Monash University and a

810

00:39:00,569 --> 00:38:58,450

choice consumer representative and that

811

00:39:02,579 --> 00:39:00,579

story an opinion piece come from the

812

00:39:06,690 --> 00:39:02,589

Sydney Morning Herald published on

813

00:39:10,090 --> 00:39:06,700

Friday February the 9th 2018 and this

814

00:39:30,300 --> 00:39:10,100

reflects very poorly on the TGA indeed

815

00:39:34,540 --> 00:39:32,740

thank you for listening to the skeptic

816

00:39:36,340 --> 00:39:34,550

zone thank you to those people who

817

00:39:39,850 --> 00:39:36,350

support the skeptic zone via patreon or

818

00:39:42,220 --> 00:39:39,860

PayPal are much appreciated and as ever

819

00:39:45,520 --> 00:39:42,230

and you've heard it for me many times

820

00:39:47,320 --> 00:39:45,530

it's people like you that keep this show

821

00:39:49,780 --> 00:39:47,330

on the Internet

822

00:39:52,690 --> 00:39:49,790

and in some cases on the air because I

823

00:39:54,820 --> 00:39:52,700

know occasionally radio stations use

824

00:39:57,670 --> 00:39:54,830

interviews and bits and pieces from the

825

00:40:00,460 --> 00:39:57,680

skeptics earn which I love - I'd love to

826  
00:40:04,300 --> 00:40:00,470  
hear about them a big thank you to Brian

827  
00:40:07,270 --> 00:40:04,310  
Kirby from 502 conversations who

828  
00:40:11,740 --> 00:40:07,280  
interviewed me during my visit to Las

829  
00:40:14,110 --> 00:40:11,750  
Vegas last year it's a TV style

830  
00:40:16,230 --> 00:40:14,120  
interview and if you want to spend the

831  
00:40:20,080 --> 00:40:16,240  
next 40 minutes listening to me drone on

832  
00:40:22,540 --> 00:40:20,090  
I'll put a link in the show notes a very

833  
00:40:25,540 --> 00:40:22,550  
interesting experience being interviewed

834  
00:40:27,130 --> 00:40:25,550  
in in a hotel room as it happened by

835  
00:40:29,100 --> 00:40:27,140  
Brian Kirby and he does lots of

836  
00:40:32,320 --> 00:40:29,110  
interviews of very interesting people

837  
00:40:34,540 --> 00:40:32,330  
mm-hmm and me thank you Brian

838  
00:40:35,800 --> 00:40:34,550

I really enjoyed the experience and of

839

00:40:37,750 --> 00:40:35,810

course thank you to those people who

840

00:40:40,240 --> 00:40:37,760

continue to support the fundraising

841

00:40:41,680 --> 00:40:40,250

campaign for Britt Hermes again I'll put

842

00:40:43,810 --> 00:40:41,690

a link in the show notes that's going

843

00:40:45,910 --> 00:40:43,820

very well indeed and sending a strong

844

00:40:49,090 --> 00:40:45,920

message to those people who try to

845

00:40:52,510 --> 00:40:49,100

silence skeptics by a threatening legal

846

00:40:54,670 --> 00:40:52,520

action but for this week this is Richard

847

00:41:00,940 --> 00:40:54,680

Saunders signing off from Sydney

848

00:41:03,730 --> 00:41:00,950

Australia you've been listening to the

849

00:41:10,390 --> 00:41:03,740

skeptic zone podcast please visit our

850

00:41:13,210 --> 00:41:10,400

website at [wwlp.com](http://wwlp.com) tax and to access

851

00:41:16,810 --> 00:41:13,220

the bat catalog of episodes going back

852

00:41:19,630 --> 00:41:16,820

to 2008 you can follow the skeptic zone

853

00:41:22,180 --> 00:41:19,640

podcast on twitter at skeptic zone

854

00:41:24,180 --> 00:41:22,190

visit our facebook page or leave a

855

00:41:26,430 --> 00:41:24,190

review on itunes

856

00:41:30,329 --> 00:41:26,440

you can also support the sceptic zone

857

00:41:32,910 --> 00:41:30,339

via patreon or PayPal you can be part of

858

00:41:37,289 --> 00:41:32,920

the show by downloading the voice byte

859

00:41:40,680 --> 00:41:37,299

app at voice byte calm and using the

860

00:41:43,400 --> 00:41:40,690

hashtag skeptic zone the skeptic zone

861

00:41:45,779 --> 00:41:43,410

podcast is an independent production

862

00:41:47,910 --> 00:41:45,789

reviews and opinions expressed on the

863

00:41:50,250 --> 00:41:47,920

skeptic zone are not necessarily those

864

00:41:52,040 --> 00:41:50,260

of Australian skeptics or any other