

1
00:00:00,000 --> 00:00:04,200
and then we've got a much more

2
00:00:02,040 --> 00:00:06,899
authoritative commentary from mystic

3
00:00:04,200 --> 00:00:09,330
Medusa the astrologer in there in the

4
00:00:06,899 --> 00:00:11,669
news limited newspapers saying the moon

5
00:00:09,330 --> 00:00:15,030
in this form has the power to disrupt

6
00:00:11,669 --> 00:00:16,198
bourgeois values no that's always good

7
00:00:15,029 --> 00:00:18,300
for me to the last but there's no

8
00:00:16,199 --> 00:00:19,890
science to that at all because it says

9
00:00:18,300 --> 00:00:21,089
it's a full moon in Scorpio side on

10
00:00:19,890 --> 00:00:22,980
Earth's all sorts of buried

11
00:00:21,089 --> 00:00:24,600
psychological treasure secret desires

12
00:00:22,980 --> 00:00:26,399
and longing for authenticity you're

13
00:00:24,600 --> 00:00:28,050
telling me that's not true well I'm

14
00:00:26,399 --> 00:00:29,459
going to stick to the science and the

15
00:00:28,050 --> 00:00:31,500
science says there's nothing to that

16
00:00:29,460 --> 00:00:33,420
whatsoever it's good for a laugh that's

17
00:00:31,500 --> 00:00:35,159
about it well I Susan I think that but

18
00:00:33,420 --> 00:00:38,760
the voyage I take it too seriously yes

19
00:00:35,159 --> 00:00:41,819
Jeff I yeah the mystic Medusa column

20
00:00:38,759 --> 00:00:43,468
talking about so full moon are nothing

21
00:00:41,820 --> 00:00:45,090
all sorts of very psychological treasure

22
00:00:43,469 --> 00:00:48,300
secret desires and longing for

23
00:00:45,090 --> 00:00:50,280
authenticity those who've worked in

24
00:00:48,299 --> 00:00:52,769
newspapers did tell me that quite a few

25
00:00:50,280 --> 00:00:54,989
of those astrological columns are made

26
00:00:52,770 --> 00:00:57,680
up will be quite a laugh wouldn't it

27
00:00:54,988 --> 00:00:57,679
riding the stars

28
00:01:02,079 --> 00:01:09,840
welcome to the skeptic zone the podcast

29

00:01:05,259 --> 00:01:09,840
from Australia for science and reason

30
00:01:18,959 --> 00:01:26,319
yes it's the skeptics on an episode

31
00:01:21,189 --> 00:01:28,299
number 185 for the sixth of May 2012

32
00:01:26,319 --> 00:01:31,029
Richard Saunders here with you coming to

33
00:01:28,299 --> 00:01:33,099
you this week from the mind body spirit

34
00:01:31,030 --> 00:01:35,469
or mind-body wallet festival as we call

35
00:01:33,099 --> 00:01:38,618
it here in Sydney and just before the

36
00:01:35,469 --> 00:01:40,569
introduction you heard jeff wyatt from

37
00:01:38,618 --> 00:01:44,799
the sydney observatory talking to john

38
00:01:40,569 --> 00:01:48,250
stanley on a sydney radio 2ue and i

39
00:01:44,799 --> 00:01:51,879
think we can see what Jeff White's

40
00:01:48,250 --> 00:01:53,680
opinions of astrology are joining me at

41
00:01:51,879 --> 00:01:55,359
the mind-body-spirit festival and these

42
00:01:53,680 --> 00:01:58,180
reports will be coming up in the next

43
00:01:55,359 --> 00:02:01,629

few weeks is dr. Reggie hi dr. agent hi

44

00:01:58,180 --> 00:02:02,920

Richard happy to be here you know it's

45

00:02:01,629 --> 00:02:04,599

funny you should ask that Richard

46

00:02:02,920 --> 00:02:07,269

because as I walked up to the doors

47

00:02:04,599 --> 00:02:09,310

today and I looked upon the wonder that

48

00:02:07,269 --> 00:02:11,409

is the mind body while it came out of my

49

00:02:09,310 --> 00:02:13,719

mouth were the words I don't know why I

50

00:02:11,409 --> 00:02:16,930

keep putting myself through this and I

51

00:02:13,719 --> 00:02:18,370

think that I keep it somehow that just

52

00:02:16,930 --> 00:02:20,500

comes out of my mouth every time I come

53

00:02:18,370 --> 00:02:21,909

in but I keep coming back yeah me too I

54

00:02:20,500 --> 00:02:24,219

know what it's like and somebody else

55

00:02:21,909 --> 00:02:26,229

has come back it's may not look as has

56

00:02:24,219 --> 00:02:28,449

been said many times my mind is so open

57

00:02:26,229 --> 00:02:30,548

my brain is falling out a long time ago

58
00:02:28,449 --> 00:02:31,929
so I'm very anxious to see what's going

59
00:02:30,549 --> 00:02:33,640
on here in fact our listeners can

60
00:02:31,930 --> 00:02:34,840
compare what we do here with the dirty

61
00:02:33,639 --> 00:02:36,699
disbelievers because we're going to take

62
00:02:34,840 --> 00:02:37,840
a similar source material and make two

63
00:02:36,699 --> 00:02:39,099
different shows out of it which will

64
00:02:37,840 --> 00:02:40,959
have two different results and I know

65
00:02:39,099 --> 00:02:42,370
why you're here Richard because I asked

66
00:02:40,959 --> 00:02:44,950
you why you do this to yourself every

67
00:02:42,370 --> 00:02:47,709
year and you said Maynard it's what we

68
00:02:44,949 --> 00:02:49,089
do and is wise why do you climb the

69
00:02:47,709 --> 00:02:51,340
mountain because it's there right yeah

70
00:02:49,090 --> 00:02:52,689
exactly and what I want to know is that

71
00:02:51,340 --> 00:02:54,700
I was actually listening to a mysterious

72
00:02:52,689 --> 00:02:56,620
universe podcast earlier and they were

73
00:02:54,699 --> 00:02:58,599
just seeing photos of people that have

74
00:02:56,620 --> 00:03:00,340
had abduction experiences and comparing

75
00:02:58,599 --> 00:03:02,349
them to their photo and what they found

76
00:03:00,340 --> 00:03:04,479
out was the bigger the pendant the

77
00:03:02,349 --> 00:03:06,310
bigger the story so I'm just wondering

78
00:03:04,479 --> 00:03:07,840
if we just take it a bit of a look at

79
00:03:06,310 --> 00:03:10,810
people's pendants that they're wearing

80
00:03:07,840 --> 00:03:12,610
behind behind the counter and see if

81
00:03:10,810 --> 00:03:14,110
they've got a bigger claim to make the

82
00:03:12,610 --> 00:03:15,910
bigger the pendant the bigger the story

83
00:03:14,110 --> 00:03:18,040
I think it's interesting something will

84
00:03:15,909 --> 00:03:20,378
definitely look out for but coming up on

85
00:03:18,039 --> 00:03:20,759
today's skeptic zone we're going to kick

86

00:03:20,378 --> 00:03:23,310
off

87
00:03:20,759 --> 00:03:25,078
with the press release from the a Triple

88
00:03:23,310 --> 00:03:27,900
C the Australian competitions and

89
00:03:25,079 --> 00:03:30,450
Consumer Commission regarding action

90
00:03:27,900 --> 00:03:33,060
taken I we're guessing there was action

91
00:03:30,449 --> 00:03:35,848
taken against homeopathy plus and their

92
00:03:33,060 --> 00:03:38,370
claims of homeopathic prevention and

93
00:03:35,848 --> 00:03:40,859
treatment of whooping cough following

94
00:03:38,370 --> 00:03:42,509
that we have an interview with dr. ken

95
00:03:40,860 --> 00:03:44,970
harvey who will tell us more about that

96
00:03:42,509 --> 00:03:48,090
and i just noticed dr. raging i think

97
00:03:44,969 --> 00:03:51,739
you let me know this that homeopathy

98
00:03:48,090 --> 00:03:55,650
plus have put back the page in question

99
00:03:51,739 --> 00:03:57,959
slightly modified yeah we have a web

100
00:03:55,650 --> 00:03:59,969

archive of the page that was originally

101

00:03:57,959 --> 00:04:02,219

there that was the issue that the Erebus

102

00:03:59,969 --> 00:04:04,259

eat chalk which was that as you say

103

00:04:02,219 --> 00:04:05,939

homie i'll be possible claiming that

104

00:04:04,259 --> 00:04:09,449

homeopathy was an effective prevention

105

00:04:05,939 --> 00:04:11,789

for whooping cough now it has it did go

106

00:04:09,449 --> 00:04:14,818

down then it came back up with some

107

00:04:11,789 --> 00:04:17,430

slight modifications then it went down

108

00:04:14,818 --> 00:04:20,189

again now i don't know if it's back up

109

00:04:17,430 --> 00:04:21,780

again up this morning right but but they

110

00:04:20,189 --> 00:04:24,569

haven't removed the claims that

111

00:04:21,779 --> 00:04:26,489

homeopathy is effective as a treatment

112

00:04:24,569 --> 00:04:28,469

for whooping cough or they haven't as

113

00:04:26,490 --> 00:04:30,569

far as I can see it's very worrying but

114

00:04:28,470 --> 00:04:33,180

we'll find out more and after that

115
00:04:30,569 --> 00:04:34,800
interview with dr. ken harvey it's dr.

116
00:04:33,180 --> 00:04:36,209
Reggie reports what can the listeners

117
00:04:34,800 --> 00:04:40,439
look forward to this week dr. AG

118
00:04:36,209 --> 00:04:42,089
morecambe actually some recent draft

119
00:04:40,439 --> 00:04:45,629
proposals that the australian government

120
00:04:42,089 --> 00:04:47,459
has put forth to tighten the regulation

121
00:04:45,629 --> 00:04:50,310
of cam in australia and there's some

122
00:04:47,459 --> 00:04:53,279
really good news about the funding of

123
00:04:50,310 --> 00:04:54,689
cam by public private health funds and

124
00:04:53,279 --> 00:04:56,549
how the government's taking action

125
00:04:54,689 --> 00:04:58,949
against that so really exciting stuff

126
00:04:56,550 --> 00:05:01,020
great can't wait for dr. Reggie reports

127
00:04:58,949 --> 00:05:03,389
and following that it's Maynard's spooky

128
00:05:01,019 --> 00:05:04,889
action maintaining the pub and you're

129
00:05:03,389 --> 00:05:07,168
going to be speaking to Ian Bryce about

130
00:05:04,889 --> 00:05:09,199
free energy claims and then wandering

131
00:05:07,168 --> 00:05:11,848
around the pub and asking various

132
00:05:09,199 --> 00:05:13,470
skeptics and pub goers what they used to

133
00:05:11,848 --> 00:05:15,060
believe in with no were kids yeah that's

134
00:05:13,470 --> 00:05:16,740
right i was looking for a question and

135
00:05:15,060 --> 00:05:18,269
you popped one that i should pose two

136
00:05:16,740 --> 00:05:19,829
people richard that was it what did you

137
00:05:18,269 --> 00:05:21,448
believe the menu a child that you know

138
00:05:19,829 --> 00:05:22,709
you had trouble letting go of you or you

139
00:05:21,449 --> 00:05:24,360
remember particularly graphically

140
00:05:22,709 --> 00:05:26,370
remembering as a child and being very

141
00:05:24,360 --> 00:05:28,050
important to you many people came up

142
00:05:26,370 --> 00:05:29,019
with all sorts of things and let me tell

143

00:05:28,050 --> 00:05:30,759
you the name Erich von der

144
00:05:29,019 --> 00:05:33,758
Anakin will be mentioned more than once

145
00:05:30,759 --> 00:05:36,340
and leonard nimoy cool and shot and shot

146
00:05:33,759 --> 00:05:38,949
ma'am if any show with the shat man's a

147
00:05:36,339 --> 00:05:40,179
good show it's all coming up on the

148
00:05:38,949 --> 00:05:43,569
skipping zone well we're going to finish

149
00:05:40,180 --> 00:05:45,970
our coffee and take a big deep breath

150
00:05:43,569 --> 00:05:48,340
and walk through the doors of mind-body

151
00:05:45,970 --> 00:06:08,470
wallet wishes luck but for now please

152
00:05:48,339 --> 00:06:11,228
sit back and enjoy the skeptic zone this

153
00:06:08,470 --> 00:06:13,990
is a press release on the website of the

154
00:06:11,228 --> 00:06:21,399
a triple seen the Australian Competition

155
00:06:13,990 --> 00:06:25,269
and Consumer Commission wwa cccc ova you

156
00:06:21,399 --> 00:06:28,929
a triple c tackles homeopathy plus

157
00:06:25,269 --> 00:06:30,959

whooping cough claims homeopathy plus

158

00:06:28,930 --> 00:06:33,370
proprietary limited has removed

159

00:06:30,959 --> 00:06:35,109
representations from its website that

160

00:06:33,370 --> 00:06:37,689
the Australian Competition and Consumer

161

00:06:35,110 --> 00:06:40,180
Commission considered to be misleading

162

00:06:37,689 --> 00:06:43,300
and deceptive and that could lead to a

163

00:06:40,180 --> 00:06:45,310
serious health risk for consumers the

164

00:06:43,300 --> 00:06:48,340
representations were made on the

165

00:06:45,310 --> 00:06:50,889
whooping cough homeopathic prevention

166

00:06:48,339 --> 00:06:54,000
and treatment page which has since been

167

00:06:50,889 --> 00:06:56,889
removed from the homeopathy plus website

168

00:06:54,000 --> 00:06:59,560
the combination of these claims that the

169

00:06:56,889 --> 00:07:01,870
vaccine was ineffective and that the

170

00:06:59,560 --> 00:07:04,389
homeopathic remedies listed on the page

171

00:07:01,870 --> 00:07:07,120
were an alternative prevention and

172
00:07:04,389 --> 00:07:09,968
treatment regime elevated this matter to

173
00:07:07,120 --> 00:07:13,598
one of extreme concern a Triple C

174
00:07:09,968 --> 00:07:16,060
chairman rod Sims said the a Triple C

175
00:07:13,598 --> 00:07:18,399
examined content on the homeopathy plus

176
00:07:16,060 --> 00:07:20,709
website following a complaint from the

177
00:07:18,399 --> 00:07:22,538
medical profession the a Triple C

178
00:07:20,709 --> 00:07:25,478
considered that the homeopathy plus

179
00:07:22,538 --> 00:07:27,490
claims that the current whooping cough

180
00:07:25,478 --> 00:07:30,250
vaccine is dangerous and ineffective

181
00:07:27,490 --> 00:07:33,098
while the homeopathic remedy is a proven

182
00:07:30,250 --> 00:07:36,009
and safe alternative were likely to be

183
00:07:33,098 --> 00:07:38,379
misleading or deceptive reliance on

184
00:07:36,009 --> 00:07:40,210
these claims may influence consumers to

185
00:07:38,379 --> 00:07:42,430
avoid the whooping cough vaccine and

186
00:07:40,209 --> 00:07:44,139
rely solely on the home

187
00:07:42,430 --> 00:07:46,509
Oh pathak approach for treatment and

188
00:07:44,139 --> 00:07:48,939
prevention of whooping cough which is

189
00:07:46,509 --> 00:07:51,310
strongly discouraged by medical

190
00:07:48,939 --> 00:07:54,519
professionals whooping cough is a

191
00:07:51,310 --> 00:07:57,220
serious respiratory infection which can

192
00:07:54,519 --> 00:08:00,939
cause a long coughing illness and is

193
00:07:57,220 --> 00:08:04,480
life-threatening for babies the a Triple

194
00:08:00,939 --> 00:08:06,219
C result was considerably assisted by

195
00:08:04,480 --> 00:08:09,490
the engagement of the Therapeutic Goods

196
00:08:06,220 --> 00:08:11,950
Administration and New South Wales fair

197
00:08:09,490 --> 00:08:14,980
trading with homeopathy plus proprietary

198
00:08:11,949 --> 00:08:18,129
limited in resolving this matter the a

199
00:08:14,980 --> 00:08:20,530
Triple C will continue to monitor the

200

00:08:18,129 --> 00:08:23,469
homeopathy plus proprietary limited site

201
00:08:20,529 --> 00:08:32,679
for potential breaches of the Australian

202
00:08:23,470 --> 00:08:36,940
Consumer Law and joining me on the line

203
00:08:32,679 --> 00:08:39,459
now is ken harvey hello ken great now

204
00:08:36,940 --> 00:08:41,950
this is very interesting news and I have

205
00:08:39,460 --> 00:08:44,560
listeners have just heard the the press

206
00:08:41,950 --> 00:08:47,500
release from the a Triple C are you

207
00:08:44,559 --> 00:08:51,129
surprised that at last some action has

208
00:08:47,500 --> 00:08:52,899
been taken well know in a sense that

209
00:08:51,129 --> 00:08:56,019
we've been bringing a lot of pressure to

210
00:08:52,899 --> 00:08:58,569
bear and something had to give I mean

211
00:08:56,019 --> 00:09:01,389
homeopathy plus were complaints we've

212
00:08:58,570 --> 00:09:04,060
been putting in complaints since 2010

213
00:09:01,389 --> 00:09:07,240
about homeopathic immunization that

214
00:09:04,059 --> 00:09:10,089

they've been flogging it's really a

215

00:09:07,240 --> 00:09:13,269

classic illustration as the craziness of

216

00:09:10,090 --> 00:09:14,920

the Australian regulatory system the

217

00:09:13,269 --> 00:09:16,750

complaints go to the complaint

218

00:09:14,919 --> 00:09:19,599

resolution panel which administers a

219

00:09:16,750 --> 00:09:21,309

therapy good advertising code it's a

220

00:09:19,600 --> 00:09:23,350

good therapeutic goods advertising code

221

00:09:21,309 --> 00:09:26,619

and it's a good complaint revolution

222

00:09:23,350 --> 00:09:28,750

panel complaints get are held in fact on

223

00:09:26,620 --> 00:09:33,669

this one quite rightly they asked for

224

00:09:28,750 --> 00:09:35,950

attractions in 2010 that they requested

225

00:09:33,669 --> 00:09:39,069

that having homeopathy plus should

226

00:09:35,950 --> 00:09:42,640

retract their claims that homeopathic

227

00:09:39,070 --> 00:09:45,240

immunization was safe and effective and

228

00:09:42,639 --> 00:09:47,799

could replace conventional immunization

229

00:09:45,240 --> 00:09:49,389

but what happened which is what happens

230

00:09:47,799 --> 00:09:51,490

a lot with the complaint resolution

231

00:09:49,389 --> 00:09:54,029

panel they have no power to enforce

232

00:09:51,490 --> 00:09:56,370

their determinations and so

233

00:09:54,029 --> 00:09:58,949

the lady in question their Perry ops ii

234

00:09:56,370 --> 00:10:01,679

plus simply declined a request to put up

235

00:09:58,950 --> 00:10:08,870

a retraction indeed that was in the news

236

00:10:01,679 --> 00:10:12,269

in 2010 complaints kept on coming the

237

00:10:08,870 --> 00:10:16,129

and again there's some interesting stuff

238

00:10:12,269 --> 00:10:18,720

on the TGA website in theory if

239

00:10:16,129 --> 00:10:20,029

complaints are not completely if the

240

00:10:18,720 --> 00:10:21,810

complaint resolution panel

241

00:10:20,029 --> 00:10:24,120

determinations are not complied with

242

00:10:21,809 --> 00:10:26,189

they send it to therapy Goods

243
00:10:24,120 --> 00:10:30,539
Administration which is meant to be the

244
00:10:26,190 --> 00:10:33,660
ultimate regulator and last year the

245
00:10:30,539 --> 00:10:36,509
Therapeutic Goods Administration ordered

246
00:10:33,659 --> 00:10:41,610
compliance they wrote earlier ordering

247
00:10:36,509 --> 00:10:44,970
us and of course that was declined to

248
00:10:41,610 --> 00:10:47,279
nothing happened which again illustrates

249
00:10:44,970 --> 00:10:49,470
the limitations of the Therapeutic Goods

250
00:10:47,279 --> 00:10:51,860
Administration just as the complaint

251
00:10:49,470 --> 00:10:54,330
resolution panel has no power to enforce

252
00:10:51,860 --> 00:10:56,820
determinations neither has the

253
00:10:54,330 --> 00:10:59,370
Therapeutic Goods Administration well in

254
00:10:56,820 --> 00:11:02,940
theory they have they in theory they can

255
00:10:59,370 --> 00:11:05,340
bring in a criminal case there puts the

256
00:11:02,940 --> 00:11:07,950
public prosecutor in practice they've

257

00:11:05,340 --> 00:11:09,899
never ever ever done that um because

258
00:11:07,950 --> 00:11:12,810
fines are low and they've never felt

259
00:11:09,899 --> 00:11:14,730
that worthwhile putting putting in a

260
00:11:12,809 --> 00:11:18,539
brief for public prosecutor who had more

261
00:11:14,730 --> 00:11:20,700
important things to do and so this is a

262
00:11:18,539 --> 00:11:22,949
crazy situation we've had with the

263
00:11:20,700 --> 00:11:25,320
regulation of complementary medicines in

264
00:11:22,950 --> 00:11:27,150
Australia the the cutter is good the

265
00:11:25,320 --> 00:11:30,840
complaint resolution sounds good but the

266
00:11:27,149 --> 00:11:32,610
regulators are toothless Tigers and

267
00:11:30,840 --> 00:11:35,009
that's why more recently we've been

268
00:11:32,610 --> 00:11:37,379
trying to bring the Australian Consumer

269
00:11:35,009 --> 00:11:41,879
and competition a commission into it

270
00:11:37,379 --> 00:11:47,429
because they do have power they do have

271
00:11:41,879 --> 00:11:51,029

civil penalties fines and also they can

272

00:11:47,429 --> 00:11:53,250

have enforceable undertakings which you

273

00:11:51,029 --> 00:11:57,509

know the court can insist that they

274

00:11:53,250 --> 00:12:01,259

complied with and so eventually as I say

275

00:11:57,509 --> 00:12:03,120

I'm frustrated with all of this the most

276

00:12:01,259 --> 00:12:05,850

recent complaints were put to nature

277

00:12:03,120 --> 00:12:07,769

will see pointing out the three other

278

00:12:05,850 --> 00:12:10,558

regulators where impotence

279

00:12:07,769 --> 00:12:12,720

paper tigers and that hello we knew via

280

00:12:10,558 --> 00:12:14,278

CC hell no other things I played could

281

00:12:12,720 --> 00:12:19,259

they not do something about this

282

00:12:14,278 --> 00:12:22,769

craziness at which they have you and but

283

00:12:19,259 --> 00:12:24,659

again we're left with problems that yeah

284

00:12:22,769 --> 00:12:26,759

the HR will see will occasionally take

285

00:12:24,659 --> 00:12:29,068

on some of these problems they took on

286
00:12:26,759 --> 00:12:31,619
since aslam last year they took on power

287
00:12:29,068 --> 00:12:33,618
balance wristbands but as I say they've

288
00:12:31,619 --> 00:12:37,170
got a lot of other responsibilities

289
00:12:33,619 --> 00:12:39,569
corporate crime and other things and it

290
00:12:37,169 --> 00:12:42,568
emphasizes what we've been saying for 10

291
00:12:39,568 --> 00:12:43,618
years in Australia that it is a need to

292
00:12:42,568 --> 00:12:45,389
give the Therapeutic Goods

293
00:12:43,619 --> 00:12:47,610
Administration end of the complaint

294
00:12:45,389 --> 00:12:50,850
resolution panel that looks after the

295
00:12:47,610 --> 00:12:52,769
therapy codes advertising k to give them

296
00:12:50,850 --> 00:12:55,199
a sort of powers of nature Posse has

297
00:12:52,769 --> 00:12:57,839
civil penalties easily applied civil

298
00:12:55,198 --> 00:13:00,859
penalties enforceable undertakings so

299
00:12:57,839 --> 00:13:04,139
that there can be rapid and effective

300
00:13:00,860 --> 00:13:06,178
penalties are the sort of craziness now

301
00:13:04,139 --> 00:13:07,709
we're still waiting for that Richard

302
00:13:06,178 --> 00:13:10,558
it's been ten years and numerous

303
00:13:07,708 --> 00:13:12,808
government reports and clearly there's a

304
00:13:10,558 --> 00:13:14,159
lot of resistance from the industry yeah

305
00:13:12,808 --> 00:13:17,159
they're very happy with the situation

306
00:13:14,159 --> 00:13:20,338
the way it is but but yes it's good news

307
00:13:17,159 --> 00:13:23,039
that we finally got homeopathy plus to

308
00:13:20,339 --> 00:13:24,809
remove their web pages of supporting

309
00:13:23,039 --> 00:13:27,298
homeopathic immunization against

310
00:13:24,808 --> 00:13:32,219
whooping cough and many other things in

311
00:13:27,298 --> 00:13:34,438
the past but it's just yet another small

312
00:13:32,220 --> 00:13:36,869
win you know in a long battle camp and

313
00:13:34,438 --> 00:13:38,818
we've got a long way to go now I noticed

314

00:13:36,869 --> 00:13:40,889
that there since the a Triple C put out

315
00:13:38,818 --> 00:13:43,469
their press release and we're recording

316
00:13:40,889 --> 00:13:47,068
this on a friday and i think it was only

317
00:13:43,470 --> 00:13:48,720
either yesterday or even even today that

318
00:13:47,068 --> 00:13:51,418
that press release went out says very

319
00:13:48,720 --> 00:13:53,730
reason the australian newspapers picked

320
00:13:51,418 --> 00:13:55,798
up on the story and on their website

321
00:13:53,730 --> 00:13:59,938
they've published the story but also

322
00:13:55,798 --> 00:14:02,188
they've they have a comment from the

323
00:13:59,938 --> 00:14:05,789
director of homeopathy plus one Fran

324
00:14:02,188 --> 00:14:07,948
Sheffield who apparently is defiant and

325
00:14:05,789 --> 00:14:10,738
saying that she took down the

326
00:14:07,948 --> 00:14:13,378
information pending a review of the

327
00:14:10,739 --> 00:14:15,749
content and it could very well go up

328
00:14:13,379 --> 00:14:17,819

again once the review was completed and

329

00:14:15,749 --> 00:14:21,120

the review will be conducted by herself

330

00:14:17,818 --> 00:14:25,199

and other homeopaths

331

00:14:21,120 --> 00:14:28,169

hardly a review one would think look I

332

00:14:25,200 --> 00:14:30,810

mean with the problem the problem with

333

00:14:28,169 --> 00:14:34,559

some home tests we have here Australians

334

00:14:30,809 --> 00:14:37,229

in particular Victoria is that they

335

00:14:34,559 --> 00:14:43,439

believe her like a religious faith in

336

00:14:37,230 --> 00:14:47,009

homeopathic immunization the you know

337

00:14:43,440 --> 00:14:49,680

they they cite dubious evidence there

338

00:14:47,009 --> 00:14:52,319

was our Victorian home ippatsu some

339

00:14:49,679 --> 00:14:55,769

incredible reason got PhD at Swinburne

340

00:14:52,320 --> 00:14:58,528

University on homeopathic immunization

341

00:14:55,769 --> 00:15:02,819

which was and she never have got this

342

00:14:58,528 --> 00:15:04,980

page d makes a point that as we all know

343
00:15:02,820 --> 00:15:07,560
who examined students for the keeping

344
00:15:04,980 --> 00:15:09,839
food for PhD is to select the right

345
00:15:07,559 --> 00:15:13,409
examiners so if you select homeopathic

346
00:15:09,839 --> 00:15:16,860
examiners then anything can get up this

347
00:15:13,409 --> 00:15:19,289
guy essentially had followed up some of

348
00:15:16,860 --> 00:15:23,070
his own patients that he'd homeopathic

349
00:15:19,289 --> 00:15:25,679
immunization asked the parents how how

350
00:15:23,070 --> 00:15:27,270
did their child fair didn't bother to

351
00:15:25,679 --> 00:15:29,099
find whether that had conventional

352
00:15:27,269 --> 00:15:31,559
immunization as well as you sent me a

353
00:15:29,100 --> 00:15:33,509
perfect immunization and and anyway came

354
00:15:31,559 --> 00:15:36,989
up with a ninety percent success rate

355
00:15:33,509 --> 00:15:40,049
upon the preparation which yeah totally

356
00:15:36,990 --> 00:15:42,180
lacked credibility I think he was made

357
00:15:40,049 --> 00:15:44,338
to put in here say in his summary which

358
00:15:42,179 --> 00:15:46,588
is available on our infants University

359
00:15:44,339 --> 00:15:49,440
website that result had no statistical

360
00:15:46,589 --> 00:15:53,400
significance men haven't stopped over

361
00:15:49,440 --> 00:15:56,190
him or Fran Sheffield or many others who

362
00:15:53,399 --> 00:15:59,179
believed in homeopathic immunization

363
00:15:56,190 --> 00:16:01,770
which are obviously is very dangerous

364
00:15:59,179 --> 00:16:03,989
absolutely and it's it's a very good

365
00:16:01,769 --> 00:16:06,600
thing indeed that this has been brought

366
00:16:03,990 --> 00:16:10,259
to the wider attention especially in the

367
00:16:06,600 --> 00:16:13,139
mainstream press and I I frankly I think

368
00:16:10,259 --> 00:16:14,429
the more people who know what we call

369
00:16:13,139 --> 00:16:16,319
home me up with these dirty little

370
00:16:14,429 --> 00:16:18,958
secret that is that there is no

371

00:16:16,320 --> 00:16:21,810
ingredients in in the in the pills

372
00:16:18,958 --> 00:16:23,309
themselves the better and but a lot of

373
00:16:21,809 --> 00:16:25,139
people still don't get it don't

374
00:16:23,309 --> 00:16:27,329
understand it and we'll assume that

375
00:16:25,139 --> 00:16:30,269
there's something in it something herbal

376
00:16:27,330 --> 00:16:32,490
or whatever but I'm fascinated by the

377
00:16:30,269 --> 00:16:33,990
unholy alliance here the unholy link

378
00:16:32,490 --> 00:16:34,830
between the homeopaths and the

379
00:16:33,990 --> 00:16:37,740
anti-vaccination

380
00:16:34,830 --> 00:16:40,650
Brigade it's it's it's it's a quite

381
00:16:37,740 --> 00:16:43,379
frightening really well again when you

382
00:16:40,649 --> 00:16:46,949
talk to these people are reasons come

383
00:16:43,379 --> 00:16:48,389
out for example home the chap whose name

384
00:16:46,950 --> 00:16:51,200
escapes me at the moment you've got the

385
00:16:48,389 --> 00:16:54,210

PhD and and who is pushing homeopathic

386

00:16:51,200 --> 00:16:56,790

immunization had a problem with his

387

00:16:54,210 --> 00:16:58,769

child reaction to vaccines which which

388

00:16:56,789 --> 00:17:00,959

happened regrettably arm serious ones

389

00:16:58,769 --> 00:17:04,799

are very uncommon but again they do

390

00:17:00,960 --> 00:17:07,140

happen and often these people have

391

00:17:04,799 --> 00:17:10,319

either had direct experience or no

392

00:17:07,140 --> 00:17:12,870

family members that you know had several

393

00:17:10,319 --> 00:17:16,829

reactions or aching limbs or whatever

394

00:17:12,869 --> 00:17:20,819

and so there's often some there's some

395

00:17:16,829 --> 00:17:23,549

rationale in in there look for what they

396

00:17:20,819 --> 00:17:25,919

believe in a safer alternative enough no

397

00:17:23,549 --> 00:17:28,079

doubt let spermy opportunity safer got

398

00:17:25,920 --> 00:17:30,900

nothing in a parity not going to give

399

00:17:28,079 --> 00:17:34,799

you several reactions or sore arms um

400
00:17:30,900 --> 00:17:38,610
but of course it's not effective term

401
00:17:34,799 --> 00:17:39,930
and you know that does leave the

402
00:17:38,609 --> 00:17:42,419
children that are immunized you know

403
00:17:39,930 --> 00:17:45,720
susceptible to childhood diseases which

404
00:17:42,420 --> 00:17:48,539
is still you know can kill name when I'm

405
00:17:45,720 --> 00:17:50,759
old enough to remember the infectious

406
00:17:48,539 --> 00:17:53,250
disease wards at Fairfield hospital

407
00:17:50,759 --> 00:17:55,019
where we had children in iron lung after

408
00:17:53,250 --> 00:17:56,460
polio epidemic switch it be totally

409
00:17:55,019 --> 00:18:00,059
eliminated you know by polio

410
00:17:56,460 --> 00:18:03,900
immunization unfortunately people don't

411
00:18:00,059 --> 00:18:06,089
see this young parents they don't know

412
00:18:03,900 --> 00:18:07,710
their history they don't see the

413
00:18:06,089 --> 00:18:09,869
problems of infectious disease which

414
00:18:07,710 --> 00:18:13,190
have been successfully eliminated by

415
00:18:09,869 --> 00:18:17,579
immunization and often overreact to

416
00:18:13,190 --> 00:18:21,029
scare stories of bowel reactions and and

417
00:18:17,579 --> 00:18:26,039
sore arms other things so it's it is

418
00:18:21,029 --> 00:18:27,539
interesting um there's also being you

419
00:18:26,039 --> 00:18:31,019
know it's an interesting debate about

420
00:18:27,539 --> 00:18:33,119
how this to address some and think there

421
00:18:31,019 --> 00:18:37,259
was a interesting article i think in

422
00:18:33,119 --> 00:18:39,719
vaccine Journal recently in which people

423
00:18:37,259 --> 00:18:42,869
had gone through and looked at i think

424
00:18:39,720 --> 00:18:45,059
an online discussion between the anti

425
00:18:42,869 --> 00:18:48,149
vaccinators and some poor public health

426
00:18:45,059 --> 00:18:51,029
people trying to give a voice of reason

427
00:18:48,150 --> 00:18:53,430
and came up with some sensible and very

428

00:18:51,029 --> 00:18:55,740
good information but you know one one

429
00:18:53,430 --> 00:18:57,750
should admit that yes there are problems

430
00:18:55,740 --> 00:19:00,450
with conventional immunization that's

431
00:18:57,750 --> 00:19:02,789
why we want no fault compensation home

432
00:19:00,450 --> 00:19:05,759
and you deal and have I think we're

433
00:19:02,789 --> 00:19:08,879
going to get with the Disability Act

434
00:19:05,759 --> 00:19:10,890
it's going through so we've got to

435
00:19:08,880 --> 00:19:12,900
accept it very really there will be

436
00:19:10,890 --> 00:19:14,880
problems and we should earn that and we

437
00:19:12,900 --> 00:19:17,370
should give another it's being done not

438
00:19:14,880 --> 00:19:19,770
for just the patient's point of view but

439
00:19:17,369 --> 00:19:23,669
for the communities point of view we

440
00:19:19,769 --> 00:19:25,049
should be open and occasionally toward

441
00:19:23,670 --> 00:19:27,690
thing that happened and it is a

442
00:19:25,049 --> 00:19:30,779

responsibility of the state to look

443

00:19:27,690 --> 00:19:32,820

after people affect that does happen but

444

00:19:30,779 --> 00:19:35,399

it was a that's exceptionally rare and

445

00:19:32,819 --> 00:19:38,250

it needs to be pointed out you know

446

00:19:35,400 --> 00:19:40,110

these are very real good that I mean

447

00:19:38,250 --> 00:19:43,589

Iration have done the fact that the

448

00:19:40,109 --> 00:19:45,899

benefits just completely outweigh the

449

00:19:43,589 --> 00:19:49,049

risks by mega tubes of hundreds of

450

00:19:45,900 --> 00:19:51,840

thousands and just remind people and

451

00:19:49,049 --> 00:19:55,009

what infectious disease avila texts used

452

00:19:51,839 --> 00:19:57,470

to be before before immunizations and

453

00:19:55,009 --> 00:19:59,940

again you know treat these people

454

00:19:57,470 --> 00:20:02,069

seriously but sympathetically not just

455

00:19:59,940 --> 00:20:04,289

pull them crooks and charlatans Isis

456

00:20:02,069 --> 00:20:09,000

they are openly either personal history

457
00:20:04,289 --> 00:20:12,059
as to why they're anti-vaccination they

458
00:20:09,000 --> 00:20:13,019
there's often some more logically and

459
00:20:12,059 --> 00:20:15,889
it's a matter of trying to be

460
00:20:13,019 --> 00:20:19,589
sympathetic with that but nevertheless

461
00:20:15,890 --> 00:20:21,180
vigorously and conveying what is

462
00:20:19,589 --> 00:20:23,519
complete craziness when they start

463
00:20:21,180 --> 00:20:25,769
saying that the homeopathic immunization

464
00:20:23,519 --> 00:20:27,839
should replace conventional immunization

465
00:20:25,769 --> 00:20:29,730
that's right it's being battled

466
00:20:27,839 --> 00:20:32,519
interesting very interesting sort of

467
00:20:29,730 --> 00:20:34,529
public health problem shall just how to

468
00:20:32,519 --> 00:20:37,079
counter this stuff well it's no secret

469
00:20:34,529 --> 00:20:39,149
of course the the medical profession and

470
00:20:37,079 --> 00:20:41,879
science in general doesn't hide the fact

471
00:20:39,150 --> 00:20:44,280
that there are adverse reactions to

472
00:20:41,880 --> 00:20:46,260
vaccinations there they are very rare as

473
00:20:44,279 --> 00:20:48,869
you say but we're not sweeping them

474
00:20:46,259 --> 00:20:52,230
under the carpet which is interesting

475
00:20:48,869 --> 00:20:54,479
because the term the phrase safe and

476
00:20:52,230 --> 00:20:56,819
effective is used a lot and you can

477
00:20:54,480 --> 00:20:58,740
understand why why it's being used we

478
00:20:56,819 --> 00:21:01,259
could say the same things for seatbelts

479
00:20:58,740 --> 00:21:02,009
seatbelts are safe and effective every

480
00:21:01,259 --> 00:21:04,049
now and then how

481
00:21:02,009 --> 00:21:06,509
whether it's possible that someone could

482
00:21:04,049 --> 00:21:08,399
get injured by the fact that they are

483
00:21:06,509 --> 00:21:10,019
wearing a seat belt and the nature of

484
00:21:08,400 --> 00:21:12,300
the collision but of course the

485

00:21:10,019 --> 00:21:14,789
anti-vaccination Brigade will pick up on

486
00:21:12,299 --> 00:21:22,139
the term safe and effective and use it

487
00:21:14,789 --> 00:21:25,619
to its extreme only do they do that as I

488
00:21:22,140 --> 00:21:30,140
often there is some personal story that

489
00:21:25,619 --> 00:21:34,769
sort of counts that that sort of miss

490
00:21:30,140 --> 00:21:37,290
representation of the evidence and we

491
00:21:34,769 --> 00:21:39,509
know that you know one first I mean even

492
00:21:37,289 --> 00:21:41,970
even with legal profession I've heard my

493
00:21:39,509 --> 00:21:43,650
colleagues say my god you know the

494
00:21:41,970 --> 00:21:47,730
patient died when I did then I'll never

495
00:21:43,650 --> 00:21:49,140
do it again even though insects if you

496
00:21:47,730 --> 00:21:51,240
look at the statistics or what they were

497
00:21:49,140 --> 00:21:53,730
doing and you look better to what they

498
00:21:51,240 --> 00:21:55,470
were doing that it's an unreasonable

499
00:21:53,730 --> 00:21:56,519

reaction but it's a very human one yeah

500

00:21:55,470 --> 00:21:58,680

and I think this is a lot of the

501

00:21:56,519 --> 00:22:00,509

problems we're dealing with I think

502

00:21:58,680 --> 00:22:03,710

you're absolutely right of course a lot

503

00:22:00,509 --> 00:22:06,660

of people who have become converts

504

00:22:03,710 --> 00:22:09,210

converted we might say to these sort of

505

00:22:06,660 --> 00:22:11,850

things like homeopathy have been wooed

506

00:22:09,210 --> 00:22:14,990

over because of personal tragedy may be

507

00:22:11,849 --> 00:22:18,689

in in their own history but what I would

508

00:22:14,990 --> 00:22:21,120

ask you now is what can our listeners do

509

00:22:18,690 --> 00:22:26,390

to aid our cause in in this sort of

510

00:22:21,119 --> 00:22:29,489

battle well clearly at a personal level

511

00:22:26,390 --> 00:22:31,650

one needs to get facts about

512

00:22:29,490 --> 00:22:33,960

immunization the risks and the benefits

513

00:22:31,650 --> 00:22:37,310

and make sure that one of those children

514
00:22:33,960 --> 00:22:40,590
and ones grandparents are immunized

515
00:22:37,309 --> 00:22:42,659
appropriately as I say it's it's still

516
00:22:40,589 --> 00:22:44,609
probably the most valuable public health

517
00:22:42,660 --> 00:22:47,850
intervention we do have in terms of

518
00:22:44,609 --> 00:22:49,529
preventing disease often be although in

519
00:22:47,849 --> 00:22:52,409
the grandparents to get about this that

520
00:22:49,529 --> 00:22:54,869
very they may become susceptible to

521
00:22:52,410 --> 00:22:57,269
friends or in the manor and the friends

522
00:22:54,869 --> 00:22:59,250
of exclamation and the overlay use is

523
00:22:57,269 --> 00:23:04,349
very good just as childhood immunization

524
00:22:59,250 --> 00:23:06,900
is crucial so you know understand what's

525
00:23:04,349 --> 00:23:10,259
there make sure that your boosters are

526
00:23:06,900 --> 00:23:14,880
up to date and if you do have been

527
00:23:10,259 --> 00:23:15,660
indeed I did have a relative who was a

528
00:23:14,880 --> 00:23:17,910
bit

529
00:23:15,660 --> 00:23:22,290
used by the anti-vaccination people

530
00:23:17,910 --> 00:23:24,210
while crickets in a Steiner school which

531
00:23:22,289 --> 00:23:26,039
is unreasonable but a lot of appearance

532
00:23:24,210 --> 00:23:29,759
where anti-vaccination a lot of the

533
00:23:26,039 --> 00:23:32,450
mothers were again it's just a matter of

534
00:23:29,759 --> 00:23:35,220
trying to give them the facts and also

535
00:23:32,450 --> 00:23:36,870
reminding them of what infectious

536
00:23:35,220 --> 00:23:39,180
disease if I like of what we've been

537
00:23:36,869 --> 00:23:41,759
cough is like if your child gets it's a

538
00:23:39,180 --> 00:23:44,310
very very distressing and uncertainties

539
00:23:41,759 --> 00:23:46,799
again kind of a problem is that the

540
00:23:44,309 --> 00:23:49,259
current generation of mothers haven't

541
00:23:46,799 --> 00:23:52,079
seen infectious diseases and therefore

542

00:23:49,259 --> 00:23:54,059
it's easy to fill them to distort their

543
00:23:52,079 --> 00:23:57,029
judgment of risk benefits because they

544
00:23:54,059 --> 00:23:58,109
don't see the risks occasionally I'll

545
00:23:57,029 --> 00:24:00,690
sorry that is that we can see the

546
00:23:58,109 --> 00:24:03,509
benefits and occasionally as I say they

547
00:24:00,690 --> 00:24:05,850
hear from their friends others the risks

548
00:24:03,509 --> 00:24:07,650
so yeah we just got to keep that story

549
00:24:05,849 --> 00:24:09,859
out there and I mean it's ironic that

550
00:24:07,650 --> 00:24:12,360
the more successful we've become with

551
00:24:09,859 --> 00:24:15,119
immunization and decreasing Charles

552
00:24:12,359 --> 00:24:17,519
infectious diseases the harder it is to

553
00:24:15,119 --> 00:24:20,399
actually convince people but it's still

554
00:24:17,519 --> 00:24:22,889
absolutely crucial absolutely John for

555
00:24:20,400 --> 00:24:24,860
all of us that is job brawlers well dr.

556
00:24:22,890 --> 00:24:28,290

ken harvey thank you very much for your

557

00:24:24,859 --> 00:24:32,369

continuing efforts and let's hope let's

558

00:24:28,289 --> 00:24:35,909

hope that the homeopathy plus website

559

00:24:32,369 --> 00:24:38,459

our toe the line I think there's going

560

00:24:35,910 --> 00:24:40,860

to be another chapter in this story so

561

00:24:38,460 --> 00:24:42,390

we will wait in anticipation to see what

562

00:24:40,859 --> 00:24:47,629

friendship bill is going to come up with

563

00:24:42,390 --> 00:24:47,630

next thank you can I carry to back

564

00:24:55,480 --> 00:25:01,329

in a world where the truth is a matter

565

00:25:03,690 --> 00:25:09,288

your messages are a scene for beyond the

566

00:25:06,960 --> 00:25:09,288

grave

567

00:25:11,548 --> 00:25:17,179

and reason is sidelined for magical

568

00:25:14,878 --> 00:25:17,178

thinking

569

00:25:17,619 --> 00:25:26,979

oh please read their stand between the

570

00:25:19,930 --> 00:25:28,299

truth what date is it 787 thing this is

571
00:25:26,980 --> 00:25:29,470
impressive it's these artists

572
00:25:28,299 --> 00:25:31,500
impressions they're not their

573
00:25:29,470 --> 00:25:34,690
photographs of Chinese anthem it's not

574
00:25:31,500 --> 00:25:36,519
we are not well received good god we're

575
00:25:34,690 --> 00:25:38,440
fully don't discuss cryptozoology on the

576
00:25:36,519 --> 00:25:40,480
show very often because we don't know

577
00:25:38,440 --> 00:25:42,279
anything about how the truth the price

578
00:25:40,480 --> 00:25:44,200
gets lower and lower and lower and then

579
00:25:42,279 --> 00:25:48,759
he hits a ceiling it's a ceiling for the

580
00:25:44,200 --> 00:25:50,950
room below skeptic to the cave and Moses

581
00:25:48,759 --> 00:25:58,660
has gifted society find us on iTunes or

582
00:25:50,950 --> 00:26:03,569
you know don't now it's time for dr.

583
00:25:58,660 --> 00:26:03,570
Rachel reports with dr. Rachel Dunlop

584
00:26:03,720 --> 00:26:08,920
hello listeners and welcome to dr.

585
00:26:06,250 --> 00:26:10,929
Reggie reports well there has been some

586
00:26:08,920 --> 00:26:12,910
big news in Australia recently regarding

587
00:26:10,929 --> 00:26:15,090
the funding and regulation of

588
00:26:12,910 --> 00:26:17,650
complementary and alternative medicine

589
00:26:15,089 --> 00:26:19,689
the Australian government has decided to

590
00:26:17,650 --> 00:26:22,269
make several important changes which

591
00:26:19,690 --> 00:26:24,490
will mean CAMs are less funded in

592
00:26:22,269 --> 00:26:26,440
Australia and it's going to be stricter

593
00:26:24,490 --> 00:26:28,690
to actually get them on the government

594
00:26:26,440 --> 00:26:30,940
list the budget will be announced on

595
00:26:28,690 --> 00:26:33,009
Tuesday in this country and the

596
00:26:30,940 --> 00:26:34,840
government is keen to keep it in surplus

597
00:26:33,009 --> 00:26:38,049
meaning they're looking for cuts

598
00:26:34,839 --> 00:26:39,899
anywhere they possibly can one of the

599

00:26:38,049 --> 00:26:42,490
things I've now decided to look at is

600
00:26:39,900 --> 00:26:45,490
private healthcare funding of natural

601
00:26:42,490 --> 00:26:47,289
therapies now in Australia the

602
00:26:45,490 --> 00:26:49,630
government doesn't directly pay for the

603
00:26:47,289 --> 00:26:52,420
funding of cam but if you have private

604
00:26:49,630 --> 00:26:54,100
health insurance they do rebate up to

605
00:26:52,420 --> 00:26:56,259
about thirty percent of the cost from

606
00:26:54,099 --> 00:26:58,689
that the government will be targeting

607
00:26:56,259 --> 00:27:00,849
things such as aromatherapy ear candling

608
00:26:58,690 --> 00:27:04,360
crystal therapy flower essences

609
00:27:00,849 --> 00:27:06,969
homeopathy iridology kinesiology Reiki

610
00:27:04,359 --> 00:27:09,189
and rohlhing now apparently each year

611
00:27:06,970 --> 00:27:12,308
private health companies pay out about

612
00:27:09,190 --> 00:27:14,320
90 million dollars to natural therapists

613
00:27:12,308 --> 00:27:17,170

and then the government pays back them

614

00:27:14,319 --> 00:27:19,450

about 30 million dollars so if this goes

615

00:27:17,170 --> 00:27:21,519

through it's going to cut off a revenue

616

00:27:19,450 --> 00:27:24,009

stream of about 90 million dollars to

617

00:27:21,519 --> 00:27:25,269

alternative health practitioners and 30

618

00:27:24,009 --> 00:27:26,950

million dollars saving for the

619

00:27:25,269 --> 00:27:29,259

government but what I find interesting

620

00:27:26,950 --> 00:27:31,000

is what they consider mainstream natural

621

00:27:29,259 --> 00:27:33,519

therapies which will be unaffected

622

00:27:31,000 --> 00:27:36,730

they list hear things like acupuncture

623

00:27:33,519 --> 00:27:40,210

audiology chiropractic occupational

624

00:27:36,730 --> 00:27:43,089

therapy physiotherapy and podiatry now I

625

00:27:40,210 --> 00:27:45,840

wouldn't have put physiotherapy podiatry

626

00:27:43,089 --> 00:27:48,970

occupational therapy in the same list as

627

00:27:45,839 --> 00:27:50,769

acupuncture and chiropractic and you'll

628
00:27:48,970 --> 00:27:52,480
also note listeners that chiropractic is

629
00:27:50,769 --> 00:27:55,269
not being targeted in this round of

630
00:27:52,480 --> 00:27:57,940
funding cuts however maybe it will be on

631
00:27:55,269 --> 00:28:00,190
the list next time so this is really a

632
00:27:57,940 --> 00:28:02,110
good move and a very good first step by

633
00:28:00,190 --> 00:28:04,029
the Australian Government because the

634
00:28:02,109 --> 00:28:06,069
belief has been just the fact that the

635
00:28:04,029 --> 00:28:08,079
government funds this stuff even though

636
00:28:06,069 --> 00:28:10,839
they only fund it to thirty percent it

637
00:28:08,079 --> 00:28:13,449
then lends it legitimacy and therefore

638
00:28:10,839 --> 00:28:15,519
people think it works so one of the

639
00:28:13,450 --> 00:28:18,069
arguments that can people often use is

640
00:28:15,519 --> 00:28:20,170
well why it doesn't chiropractic work it

641
00:28:18,069 --> 00:28:22,569
must work because you can get a rebate

642
00:28:20,170 --> 00:28:23,980
through your health fund so at least now

643
00:28:22,569 --> 00:28:26,259
they won't be able to say this for

644
00:28:23,980 --> 00:28:28,029
aromatherapy ear candling crystal

645
00:28:26,259 --> 00:28:31,809
therapy flower essences and homeopathy

646
00:28:28,029 --> 00:28:33,579
as if they ever worked anyway personally

647
00:28:31,809 --> 00:28:35,409
I'm very pleased to see that ear

648
00:28:33,579 --> 00:28:38,710
candling will no longer be funded by the

649
00:28:35,410 --> 00:28:41,560
government and also homeopathy so also

650
00:28:38,710 --> 00:28:44,559
on cam more news in Australia about the

651
00:28:41,559 --> 00:28:46,960
way that cam is regulated now in this

652
00:28:44,559 --> 00:28:48,700
country we have two streams of drugs

653
00:28:46,960 --> 00:28:51,460
that are on the government list of drugs

654
00:28:48,700 --> 00:28:54,420
there is one called registered and these

655
00:28:51,460 --> 00:28:58,090
include things like pharmaceutical drugs

656

00:28:54,420 --> 00:29:00,130
antibiotics vaccines anything that for

657
00:28:58,089 --> 00:29:02,799
which has had to go through strict

658
00:29:00,130 --> 00:29:05,560
clinical trials and development before

659
00:29:02,799 --> 00:29:08,440
it can be registered so basically this

660
00:29:05,559 --> 00:29:11,649
is drugs that work then we have a stream

661
00:29:08,440 --> 00:29:14,740
of medicines or therapy is called listed

662
00:29:11,650 --> 00:29:18,660
so they include things like supplements

663
00:29:14,740 --> 00:29:23,500
complementary therapies cough medicine

664
00:29:18,660 --> 00:29:26,740
vitamins some bark flower remedies ear

665
00:29:23,500 --> 00:29:29,289
candles are also on that list yay now

666
00:29:26,740 --> 00:29:30,430
late last year the government did or for

667
00:29:29,289 --> 00:29:32,950
the last couple of years actually

668
00:29:30,430 --> 00:29:34,779
they've been doing a transparency review

669
00:29:32,950 --> 00:29:36,430
in the into the way that our drug

670
00:29:34,779 --> 00:29:39,960

regulator works and they're called the

671

00:29:36,430 --> 00:29:42,970

TGA and part of the outcomes from that

672

00:29:39,960 --> 00:29:44,350

transparency review was that there is a

673

00:29:42,970 --> 00:29:46,210

section in that

674

00:29:44,349 --> 00:29:48,819

website where you can actually put in

675

00:29:46,210 --> 00:29:50,410

free text and this seemed to be an area

676

00:29:48,819 --> 00:29:52,599

where a lot of people were putting stuff

677

00:29:50,410 --> 00:29:55,509

that perhaps wasn't true and perhaps

678

00:29:52,599 --> 00:29:58,119

couldn't be supported by evidence and

679

00:29:55,509 --> 00:30:00,970

previously in support of a listed

680

00:29:58,119 --> 00:30:03,909

product you could offer an expert report

681

00:30:00,970 --> 00:30:06,308

from an expert so you could say that the

682

00:30:03,910 --> 00:30:09,730

evidence to support my product is that

683

00:30:06,308 --> 00:30:12,038

expert blah blah says that it works now

684

00:30:09,730 --> 00:30:15,308

previously there's been no definition by

685
00:30:12,038 --> 00:30:17,798
the TGA our drug regulator of what

686
00:30:15,308 --> 00:30:20,440
constitutes an expert and so this is

687
00:30:17,798 --> 00:30:23,379
about to change they have now drafted

688
00:30:20,440 --> 00:30:25,779
rules specifying how an expert report

689
00:30:23,380 --> 00:30:28,720
can be completed and also who qualifies

690
00:30:25,779 --> 00:30:30,700
as an expert and also what types of

691
00:30:28,720 --> 00:30:32,589
drugs they can assess for a

692
00:30:30,700 --> 00:30:35,380
complementary product to get listed on

693
00:30:32,589 --> 00:30:38,019
the government list so according to the

694
00:30:35,380 --> 00:30:40,659
draft paper an expert must have a

695
00:30:38,019 --> 00:30:42,970
three-year health related degree plus

696
00:30:40,659 --> 00:30:45,730
either five years experience as a

697
00:30:42,970 --> 00:30:49,600
practitioner researcher or advisor or

698
00:30:45,730 --> 00:30:51,308
must have a PhD in a related field now

699

00:30:49,599 --> 00:30:53,079
this of course is going to seriously

700

00:30:51,308 --> 00:30:55,750
limit the amount of people that can

701

00:30:53,079 --> 00:30:58,689
write reports as an expert for

702

00:30:55,750 --> 00:31:01,119
supporting camp products and this means

703

00:30:58,690 --> 00:31:03,788
that the can proponents are very unhappy

704

00:31:01,119 --> 00:31:05,469
in fact the head of the complementary

705

00:31:03,788 --> 00:31:08,319
health care council said the proposed

706

00:31:05,470 --> 00:31:11,890
rules were very worrying and if adopted

707

00:31:08,319 --> 00:31:13,869
would kill off the industry basically

708

00:31:11,890 --> 00:31:16,150
they said they won't be able to find

709

00:31:13,869 --> 00:31:17,889
people to write these reports and even

710

00:31:16,150 --> 00:31:20,320
if they could they'd have to pay them

711

00:31:17,890 --> 00:31:22,809
and they couldn't afford to do that she

712

00:31:20,319 --> 00:31:24,548
says that for larger companies who are

713

00:31:22,808 --> 00:31:26,259
forced to back the efficacy of their

714
00:31:24,548 --> 00:31:28,480
products they might be able to afford it

715
00:31:26,259 --> 00:31:30,869
but smaller companies would struggle to

716
00:31:28,480 --> 00:31:34,419
be able to afford to pay an expert

717
00:31:30,869 --> 00:31:36,819
diddams the TGA is actually taking

718
00:31:34,419 --> 00:31:38,740
submissions on these guidelines so you

719
00:31:36,819 --> 00:31:41,288
can actually write in and make comment

720
00:31:38,740 --> 00:31:43,089
now the cam industry has really got us

721
00:31:41,288 --> 00:31:44,769
back up about this and I know that they

722
00:31:43,089 --> 00:31:46,449
have already made appointments to go and

723
00:31:44,769 --> 00:31:49,029
visit the minister to put their case

724
00:31:46,450 --> 00:31:50,890
forward because they don't want to have

725
00:31:49,029 --> 00:31:55,058
to pay for experts and even if they did

726
00:31:50,890 --> 00:31:57,520
the real issue here is would an expert

727
00:31:55,058 --> 00:31:58,299

right in support of their products I

728

00:31:57,519 --> 00:32:00,849

mean many

729

00:31:58,299 --> 00:32:03,339

these listed medicines do not have

730

00:32:00,849 --> 00:32:06,399

efficacy and so they'd have to try and

731

00:32:03,339 --> 00:32:08,829

find an expert that would say that it

732

00:32:06,400 --> 00:32:10,690

worked if it didn't work the only thing

733

00:32:08,829 --> 00:32:13,629

I can see that might be potentially bad

734

00:32:10,690 --> 00:32:16,509

about this idea is that it does open the

735

00:32:13,630 --> 00:32:19,390

door for experts that qualify in terms

736

00:32:16,509 --> 00:32:21,700

of these criteria however may not

737

00:32:19,390 --> 00:32:23,200

necessarily be evidence-based for

738

00:32:21,700 --> 00:32:25,150

example a chiropractor has a

739

00:32:23,200 --> 00:32:26,680

health-related degree and if they have

740

00:32:25,150 --> 00:32:28,780

worked in chiropractic for more than

741

00:32:26,680 --> 00:32:32,259

five years they would be considered an

742
00:32:28,779 --> 00:32:34,599
expert for example isaac golden who's a

743
00:32:32,259 --> 00:32:36,910
very famous homeopath in australia in

744
00:32:34,599 --> 00:32:39,339
particular for citing the cuban study

745
00:32:36,910 --> 00:32:41,590
all the time as evidence for the fact

746
00:32:39,339 --> 00:32:43,539
that homeopathy works well he actually

747
00:32:41,589 --> 00:32:45,819
has a PhD from the Royal Melbourne

748
00:32:43,539 --> 00:32:47,920
Institute of Technology but I think in

749
00:32:45,819 --> 00:32:49,779
the most part this is going to create a

750
00:32:47,920 --> 00:32:52,390
huge headache for the complementary

751
00:32:49,779 --> 00:32:54,099
medicine industry and as reflected on by

752
00:32:52,390 --> 00:32:56,080
the head of the complementary health

753
00:32:54,099 --> 00:32:58,889
care council this might kill off the

754
00:32:56,079 --> 00:33:00,879
industry well we'll see what happens

755
00:32:58,890 --> 00:33:02,980
submissions are being taken until the

756
00:33:00,880 --> 00:33:05,500
twenty fifth of may and in the history

757
00:33:02,980 --> 00:33:07,299
of the TGA they tend to put forward

758
00:33:05,500 --> 00:33:09,910
these proposals but they don't tend to

759
00:33:07,299 --> 00:33:12,159
often follow them up as was evidenced by

760
00:33:09,910 --> 00:33:14,320
the huge report they did into increasing

761
00:33:12,160 --> 00:33:16,390
transparency of their activities and

762
00:33:14,319 --> 00:33:18,039
then much of the recommendations that

763
00:33:16,390 --> 00:33:20,259
were made in that report they didn't

764
00:33:18,039 --> 00:33:22,029
endorse and they didn't take up so we'll

765
00:33:20,259 --> 00:33:25,180
have to wait and see but in any case

766
00:33:22,029 --> 00:33:27,160
this is a very good news for public

767
00:33:25,180 --> 00:33:31,210
health and protection of the public and

768
00:33:27,160 --> 00:33:33,519
also increasing regulation of therapies

769
00:33:31,210 --> 00:33:37,740
that probably don't work and until next

770

00:33:33,519 --> 00:33:37,740
time this has been dr. ratio reports

771
00:33:38,569 --> 00:33:44,159
dr. Rachel Dunlop is one of Australia's

772
00:33:41,369 --> 00:33:45,558
foremost media commentators in matters

773
00:33:44,160 --> 00:33:48,120
concerning so-called alternative

774
00:33:45,558 --> 00:33:51,899
medicine she has appeared on national

775
00:33:48,119 --> 00:33:54,209
radio and national television dr. AG is

776
00:33:51,900 --> 00:33:58,170
available for interviews and you can

777
00:33:54,210 --> 00:34:07,500
contact her at Rachel at skeptic zone

778
00:33:58,170 --> 00:34:11,628
dot TV hey Kenny oh hi Tom my status

779
00:34:07,500 --> 00:34:14,039
Park yeah yes 8 weather unlock a unicorn

780
00:34:11,628 --> 00:34:17,219
unicorn there are no such things as

781
00:34:14,039 --> 00:34:19,440
unicorns silly yes there is no there

782
00:34:17,219 --> 00:34:22,589
isn't hey guys what are you arguing

783
00:34:19,440 --> 00:34:25,260
about tom thinks unicorns are real think

784
00:34:22,590 --> 00:34:28,019

so our let's look us up in the skeptics

785

00:34:25,260 --> 00:34:30,149

dictionary the what how can we do this

786

00:34:28,019 --> 00:34:31,800

in this park there is the computer here

787

00:34:30,148 --> 00:34:33,898

you guys probably don't know about the

788

00:34:31,800 --> 00:34:36,780

skeptics dictionary app available now

789

00:34:33,898 --> 00:34:40,259

for iPhone iPad and iPod touch in the

790

00:34:36,780 --> 00:34:42,120

app store Wow cool the app lets you

791

00:34:40,260 --> 00:34:43,830

access all of the great skeptics

792

00:34:42,119 --> 00:34:46,859

dictionary articles when you're on the

793

00:34:43,829 --> 00:34:49,769

go here let me look up unicorns sound

794

00:34:46,860 --> 00:34:52,079

cool Kenny prepare to be proven wrong it

795

00:34:49,769 --> 00:34:55,860

says here the Unicorn is a creature from

796

00:34:52,079 --> 00:34:57,360

fables aha actually I see now that

797

00:34:55,860 --> 00:35:00,150

someone just dumped their ice cream cone

798

00:34:57,360 --> 00:35:03,620

on that horse's head thanks skeptics

799

00:35:00,150 --> 00:35:03,619
dictionary iphone app

800

00:35:05,030 --> 00:35:12,260
here's Maynard spooky action at a

801

00:35:09,719 --> 00:35:12,259
distance

802

00:35:12,920 --> 00:35:16,309
I'm just in a small corridor with

803

00:35:15,050 --> 00:35:18,500
someone who's had a very interesting

804

00:35:16,309 --> 00:35:21,199
scientific adventure recently who have

805

00:35:18,500 --> 00:35:22,579
we here my name's Ian Bryce I'm the

806

00:35:21,199 --> 00:35:24,669
chief investigator with Australian

807

00:35:22,579 --> 00:35:27,259
skeptics and you've been to look at a

808

00:35:24,670 --> 00:35:28,849
cold fusion devices what it used to be

809

00:35:27,260 --> 00:35:30,890
cool but it's called something else now

810

00:35:28,849 --> 00:35:33,559
yes these days it's low energy nuclear

811

00:35:30,889 --> 00:35:35,449
reactions but it's really the same thing

812

00:35:33,559 --> 00:35:37,429
now is it an example of any of them

813
00:35:35,449 --> 00:35:39,079
working anywhere even in the lab even in

814
00:35:37,429 --> 00:35:41,690
some CERN device even in a nuclear

815
00:35:39,079 --> 00:35:42,980
reactor there are many many claims of

816
00:35:41,690 --> 00:35:44,720
them working there's quite a group of

817
00:35:42,980 --> 00:35:47,030
scientists basically on the fringe of

818
00:35:44,719 --> 00:35:49,279
the academic community who claim to have

819
00:35:47,030 --> 00:35:51,170
achieved it but none of these have

820
00:35:49,280 --> 00:35:53,000
really been verified or reproduced by

821
00:35:51,170 --> 00:35:54,530
other people so they had noticed

822
00:35:53,000 --> 00:35:55,849
scientists are saying that there's no

823
00:35:54,530 --> 00:35:57,950
evidence for it at all that's all the

824
00:35:55,849 --> 00:36:01,519
pipe dream so how did you find yourself

825
00:35:57,949 --> 00:36:03,619
in mullum bimby was it well dick smith

826
00:36:01,519 --> 00:36:06,320
was approached to invest in it by an

827

00:36:03,619 --> 00:36:08,449
australian representative and basically

828
00:36:06,320 --> 00:36:11,030
he's been here he's asked to investigate

829
00:36:08,449 --> 00:36:13,579
to invest in many things but in this

830
00:36:11,030 --> 00:36:16,400
case they had scientists saying that it

831
00:36:13,579 --> 00:36:17,809
was real and so dick felt that he he

832
00:36:16,400 --> 00:36:19,369
said he would invest if that was the

833
00:36:17,809 --> 00:36:21,289
case but he's caught on Australian

834
00:36:19,369 --> 00:36:23,480
skeptics to look into it so that's why I

835
00:36:21,289 --> 00:36:25,550
was involved and what did you see in the

836
00:36:23,480 --> 00:36:27,320
video and how did you finally work out

837
00:36:25,550 --> 00:36:31,100
the perhaps things weren't quite right

838
00:36:27,320 --> 00:36:34,220
in the video well there's a lot of

839
00:36:31,099 --> 00:36:36,289
things that didn't look right but the

840
00:36:34,219 --> 00:36:38,029
main one was that on the technical side

841
00:36:36,289 --> 00:36:39,920

we've got this copper device which is

842

00:36:38,030 --> 00:36:41,900

claimed to come to contain the nuclear

843

00:36:39,920 --> 00:36:43,550

reaction and its water going in the

844

00:36:41,900 --> 00:36:45,650

bottom and steam coming at the top and

845

00:36:43,550 --> 00:36:48,410

it's easy to calculate the power that is

846

00:36:45,650 --> 00:36:50,539

producing and is connected to a blue box

847

00:36:48,409 --> 00:36:52,909

which has then got a power lead to the

848

00:36:50,539 --> 00:36:54,619

PowerPoint the power in the poweredge is

849

00:36:52,909 --> 00:36:56,389

being measured was about 300 watts yet

850

00:36:54,619 --> 00:37:00,079

there was about 3,000 watts of steam

851

00:36:56,389 --> 00:37:02,029

coming out so that's why the scientists

852

00:37:00,079 --> 00:37:03,980

they were able to examine every pipe and

853

00:37:02,030 --> 00:37:05,540

every wire on the device couldn't find

854

00:37:03,980 --> 00:37:07,340

any explanation for this excess power

855

00:37:05,539 --> 00:37:08,690

but I felt that it had something to do

856
00:37:07,340 --> 00:37:10,400
with the blue box because the blue box

857
00:37:08,690 --> 00:37:13,400
wasn't really necessary unless it was up

858
00:37:10,400 --> 00:37:15,019
to no good and how did you figure out

859
00:37:13,400 --> 00:37:16,910
what might be one of the possible

860
00:37:15,019 --> 00:37:18,889
answers as to why you were getting a lot

861
00:37:16,909 --> 00:37:20,750
more power out them is going in which I

862
00:37:18,889 --> 00:37:22,369
believe violates a few laws of physics

863
00:37:20,750 --> 00:37:25,039
doesn't it that's right the first law of

864
00:37:22,369 --> 00:37:27,099
thermodynamics says that the power into

865
00:37:25,039 --> 00:37:29,329
something equals the power

866
00:37:27,099 --> 00:37:30,829
conservation of power and in this case

867
00:37:29,329 --> 00:37:34,099
that appeared to have a very large power

868
00:37:30,829 --> 00:37:35,809
gain which indicated to the siders that

869
00:37:34,099 --> 00:37:37,460
there was a real nuclear reaction going

870
00:37:35,809 --> 00:37:39,049
on and I understand that at the end of

871
00:37:37,460 --> 00:37:40,400
it they took the water down the drain as

872
00:37:39,050 --> 00:37:41,990
well which if there was a real nuclear

873
00:37:40,400 --> 00:37:42,920
reaction going on that might be

874
00:37:41,989 --> 00:37:44,239
something you want to do in a hurry

875
00:37:42,920 --> 00:37:46,159
that's right it would be classified as

876
00:37:44,239 --> 00:37:47,839
nuclear waste there was another bad sign

877
00:37:46,159 --> 00:37:50,420
now the thing is you're allowed to stand

878
00:37:47,840 --> 00:37:52,369
by it while its operating whereas they

879
00:37:50,420 --> 00:37:54,050
would be something producing all those

880
00:37:52,369 --> 00:37:56,840
kilowatts of power the radiation would

881
00:37:54,050 --> 00:37:58,490
be deadly hmm but what really got me on

882
00:37:56,840 --> 00:38:02,030
to it was our magicians in the skeptics

883
00:37:58,489 --> 00:38:03,049
said that a scientist is usually easy to

884

00:38:02,030 --> 00:38:04,340
fool because he looks for hidden

885
00:38:03,050 --> 00:38:06,170
apparatus and they were no hidden

886
00:38:04,340 --> 00:38:08,510
apparatus in this case it's usually

887
00:38:06,170 --> 00:38:10,309
something in full view that's doing

888
00:38:08,510 --> 00:38:11,510
something you don't expect it so it

889
00:38:10,309 --> 00:38:13,460
actually came to me in the middle of the

890
00:38:11,510 --> 00:38:16,160
night that he was misusing the earth

891
00:38:13,460 --> 00:38:17,929
lead to fun elaine extra power so were

892
00:38:16,159 --> 00:38:20,989
you awake thinking about it we're having

893
00:38:17,929 --> 00:38:22,730
a lucid dream did like some news from

894
00:38:20,989 --> 00:38:23,899
Xanadu come to you I mean how did you

895
00:38:22,730 --> 00:38:25,969
cad you get this idea what were you

896
00:38:23,900 --> 00:38:28,970
doing at that time and i well I was

897
00:38:25,969 --> 00:38:31,009
trying to sleep and I was so half asleep

898
00:38:28,969 --> 00:38:32,419

I wasn't deliberately thinking about it

899

00:38:31,010 --> 00:38:34,310

but I guess another part of my brain was

900

00:38:32,420 --> 00:38:37,190

ticking over and I came to me in a flash

901

00:38:34,309 --> 00:38:38,960

at 353 am so I left out of bed and went

902

00:38:37,190 --> 00:38:40,789

to the computer and reread all of the

903

00:38:38,960 --> 00:38:42,170

test reports to see if there's some

904

00:38:40,789 --> 00:38:44,630

evidence in what the scientists had

905

00:38:42,170 --> 00:38:46,340

observed all the other different 15

906

00:38:44,630 --> 00:38:47,570

scientists it turned out was supporting

907

00:38:46,340 --> 00:38:49,340

saying that there appeared to be

908

00:38:47,570 --> 00:38:51,680

something in it and I found that there's

909

00:38:49,340 --> 00:38:54,650

actually no observation which disproved

910

00:38:51,679 --> 00:38:57,169

my theory so it was a valid hypothesis

911

00:38:54,650 --> 00:38:58,910

so how did it go when you've sent

912

00:38:57,170 --> 00:39:00,530

information to the people that were

913
00:38:58,909 --> 00:39:02,989
there in the room did anyone think that

914
00:39:00,530 --> 00:39:04,609
maybe this was possible well I thought

915
00:39:02,989 --> 00:39:06,649
the scientists would be delighted and

916
00:39:04,608 --> 00:39:09,049
say are we and you've exposed how we

917
00:39:06,650 --> 00:39:10,250
were tricked thank you so much but none

918
00:39:09,050 --> 00:39:13,160
of it because it didn't make them look

919
00:39:10,250 --> 00:39:16,880
too good so the most i got out of them

920
00:39:13,159 --> 00:39:18,199
was a well i suppose it's possible so

921
00:39:16,880 --> 00:39:21,289
what is now what is the state of play

922
00:39:18,199 --> 00:39:23,629
with that low energy fusion device but

923
00:39:21,289 --> 00:39:26,090
when we published out earth wire

924
00:39:23,630 --> 00:39:28,400
hypothesis we originally called it a

925
00:39:26,090 --> 00:39:29,869
possible accident accidental connection

926
00:39:28,400 --> 00:39:31,760
in case it was an accident and dick

927
00:39:29,869 --> 00:39:33,619
smith was being very cautious but since

928
00:39:31,760 --> 00:39:35,840
then the reaction from rossi was so bad

929
00:39:33,619 --> 00:39:37,890
he called us all sorts of sort of names

930
00:39:35,840 --> 00:39:40,559
he calls dick smith the

931
00:39:37,889 --> 00:39:42,659
puppet and me the dick smith the snake i

932
00:39:40,559 --> 00:39:44,549
should say me the puppet snake look you

933
00:39:42,659 --> 00:39:46,980
even called a smelly wombat nearly one

934
00:39:44,550 --> 00:39:49,320
back and Ozzy roadkill that's kind of

935
00:39:46,980 --> 00:39:51,360
cool so that that confirmed to us that

936
00:39:49,320 --> 00:39:53,010
it wasn't genuine because if a rusty was

937
00:39:51,360 --> 00:39:55,470
genuine he'd be in line for a Nobel

938
00:39:53,010 --> 00:39:57,990
Prize not far down the track and I can't

939
00:39:55,469 --> 00:39:59,909
imagine a Nobel Prize winner using terms

940
00:39:57,989 --> 00:40:02,149
like that that confirmed to us that it's

941

00:39:59,909 --> 00:40:04,559
most likely a scam so what has seen

942
00:40:02,150 --> 00:40:06,210
overseas is he getting more investors

943
00:40:04,559 --> 00:40:09,840
overseas is he going forward with it

944
00:40:06,210 --> 00:40:11,699
overseas well he claims that he sold a

945
00:40:09,840 --> 00:40:13,470
number of items but he's unable to name

946
00:40:11,699 --> 00:40:14,699
anyone who's bought one so we suspect he

947
00:40:13,469 --> 00:40:16,529
hasn't sold any because they'd quickly

948
00:40:14,699 --> 00:40:20,159
find out it didn't work but there's a

949
00:40:16,530 --> 00:40:21,990
constant stream of franchisees going to

950
00:40:20,159 --> 00:40:24,839
it people who want to get the rights to

951
00:40:21,989 --> 00:40:27,179
say Australia or the USA or New Zealand

952
00:40:24,840 --> 00:40:28,860
or something and all of these people

953
00:40:27,179 --> 00:40:30,329
hope to make money out of it and I

954
00:40:28,860 --> 00:40:31,740
suspect that some of them don't really

955
00:40:30,329 --> 00:40:33,360

care whether it works or not as long as

956

00:40:31,739 --> 00:40:35,369

they can convince someone else that it

957

00:40:33,360 --> 00:40:37,860

works and that's the COO as their place

958

00:40:35,369 --> 00:40:39,569

in the pyramid now actually speaking of

959

00:40:37,860 --> 00:40:41,220

pyramids you said that whenever like an

960

00:40:39,570 --> 00:40:43,530

extraordinary claim comes forward like

961

00:40:41,219 --> 00:40:44,939

this it's the three-legged stool you

962

00:40:43,530 --> 00:40:46,710

want to explain what that is to people

963

00:40:44,940 --> 00:40:48,990

out there that encounter any claim that

964

00:40:46,710 --> 00:40:51,090

seems a bit unusual yes that's a test I

965

00:40:48,989 --> 00:40:53,159

devised for claims on the edges of

966

00:40:51,090 --> 00:40:55,440

science and I find it very useful for

967

00:40:53,159 --> 00:40:58,349

things that skeptics investigate imagine

968

00:40:55,440 --> 00:41:00,030

as a milking stool jambilka car with

969

00:40:58,349 --> 00:41:01,699

three legs and you sit on it it'll fall

970
00:41:00,030 --> 00:41:05,550
down unless it's got three sound legs

971
00:41:01,699 --> 00:41:07,589
similarly a scientific claim needs three

972
00:41:05,550 --> 00:41:09,930
things to make it sound first one is

973
00:41:07,590 --> 00:41:11,280
that there's a theory the theory doesn't

974
00:41:09,929 --> 00:41:12,980
have to prove it with the theory should

975
00:41:11,280 --> 00:41:15,150
make it at least possible that it works

976
00:41:12,980 --> 00:41:17,460
secondly there should be some

977
00:41:15,150 --> 00:41:19,110
measurements or evidence or observations

978
00:41:17,460 --> 00:41:21,809
that is really actually happening and

979
00:41:19,110 --> 00:41:23,700
thirdly there's the credibility that the

980
00:41:21,809 --> 00:41:25,920
person making the claims should be taken

981
00:41:23,699 --> 00:41:28,439
notice of and if any of these things is

982
00:41:25,920 --> 00:41:31,079
broken a stool falls down in this

983
00:41:28,440 --> 00:41:32,700
particular case I was able to point out

984
00:41:31,079 --> 00:41:34,349
that all three legs were pretty shaky

985
00:41:32,699 --> 00:41:37,349
and therefore I advise dick not to

986
00:41:34,349 --> 00:41:39,539
investigate not to invest in it but in

987
00:41:37,349 --> 00:41:42,089
what about great scientists like Nikola

988
00:41:39,539 --> 00:41:43,980
Tesla now I know some people think of

989
00:41:42,090 --> 00:41:45,720
his fanciful things but he was a genuine

990
00:41:43,980 --> 00:41:47,820
engineer and a scientist who did invent

991
00:41:45,719 --> 00:41:50,009
real things yes isn't that an

992
00:41:47,820 --> 00:41:51,539
interesting case he invented the

993
00:41:50,010 --> 00:41:53,310
alternating current system

994
00:41:51,539 --> 00:41:55,650
of the distributing power which turned

995
00:41:53,309 --> 00:41:57,659
out to be far better than Edison's

996
00:41:55,650 --> 00:41:59,519
direct current method because you can

997
00:41:57,659 --> 00:42:00,899
use transformers detains a voltage so if

998

00:41:59,519 --> 00:42:02,369
you've done the three-legged stool test

999
00:42:00,900 --> 00:42:04,050
on him around about that time he might

1000
00:42:02,369 --> 00:42:07,769
have failed one of those tests yes

1001
00:42:04,050 --> 00:42:09,150
indeed yes the credibility when he was

1002
00:42:07,769 --> 00:42:10,230
evidence with alternating current would

1003
00:42:09,150 --> 00:42:12,510
have stood up because he'd have working

1004
00:42:10,230 --> 00:42:15,210
devices and sound theory but the

1005
00:42:12,510 --> 00:42:16,620
credibility would be in a bit weak which

1006
00:42:15,210 --> 00:42:18,210
means you would have had to seek further

1007
00:42:16,619 --> 00:42:21,089
evidence before making a conclusion

1008
00:42:18,210 --> 00:42:23,039
that's all we would say hmm ok so it is

1009
00:42:21,090 --> 00:42:24,570
possible that an unusual claim could

1010
00:42:23,039 --> 00:42:27,420
sometimes be right you've just got to

1011
00:42:24,570 --> 00:42:30,420
look deeper into it yes indeed if it

1012
00:42:27,420 --> 00:42:33,059

fails a three-legged stool test then you

1013

00:42:30,420 --> 00:42:34,590

should put your conclusions on hold and

1014

00:42:33,059 --> 00:42:36,929

seek further evidence and perhaps wait

1015

00:42:34,590 --> 00:42:38,730

till is replicated in you've harsh tower

1016

00:42:36,929 --> 00:42:40,049

mellow I mean there was this way we

1017

00:42:38,730 --> 00:42:41,550

could have saved the planet we could

1018

00:42:40,050 --> 00:42:43,800

have made a lot more energy out of a

1019

00:42:41,550 --> 00:42:46,260

very little input into it and now you've

1020

00:42:43,800 --> 00:42:48,510

stuffed it up for us I have indeed

1021

00:42:46,260 --> 00:42:50,610

hopefully it means that the real

1022

00:42:48,510 --> 00:42:53,400

investors with real money to invest will

1023

00:42:50,610 --> 00:42:55,559

now go to something genuine something

1024

00:42:53,400 --> 00:42:57,720

like concentrated solar thermal power

1025

00:42:55,559 --> 00:42:59,610

maybe they should build a trial plant in

1026

00:42:57,719 --> 00:43:00,839

New South Wales to actually get us used

1027
00:42:59,610 --> 00:43:03,809
to the idea of something that we're

1028
00:43:00,840 --> 00:43:05,519
going to need pretty soon now people

1029
00:43:03,809 --> 00:43:07,829
believe all sorts of things fall sorts

1030
00:43:05,519 --> 00:43:09,239
of reasons I I believe that I can walk

1031
00:43:07,829 --> 00:43:11,009
into a bar and if people have enough

1032
00:43:09,239 --> 00:43:13,649
drinks they'll go home with me sometimes

1033
00:43:11,010 --> 00:43:15,330
it works sometimes it's a major logical

1034
00:43:13,650 --> 00:43:17,430
fallacy I believe it's either a slippery

1035
00:43:15,329 --> 00:43:18,809
slope or Texas sharpshooter fallacy I'm

1036
00:43:17,429 --> 00:43:21,480
not quite sure which one it is but he'll

1037
00:43:18,809 --> 00:43:23,610
we got here Carl now what was something

1038
00:43:21,480 --> 00:43:25,949
you sort of believed or were influenced

1039
00:43:23,610 --> 00:43:27,900
by as a kid and took you a while to

1040
00:43:25,949 --> 00:43:32,669
either lose or you've still got tucked

1041
00:43:27,900 --> 00:43:35,190
in the back in mind they're probably the

1042
00:43:32,670 --> 00:43:37,230
alternative health for me what did your

1043
00:43:35,190 --> 00:43:38,789
mum used to do certain things when you

1044
00:43:37,230 --> 00:43:41,139
were sick well my father turned

1045
00:43:38,789 --> 00:43:44,048
vegetarian when I was quite young and

1046
00:43:41,139 --> 00:43:48,250
and then my mother took it on with gusto

1047
00:43:44,048 --> 00:43:50,409
and and then just all you know leaving

1048
00:43:48,250 --> 00:43:53,619
the supplements and all this different

1049
00:43:50,409 --> 00:43:54,909
things that said you react to it by as

1050
00:43:53,619 --> 00:43:56,730
soon as you're a teenager and you could

1051
00:43:54,909 --> 00:43:59,739
you just went out and ate a lot of steak

1052
00:43:56,730 --> 00:44:02,260
no well a little bit for a little while

1053
00:43:59,739 --> 00:44:05,909
but didn't actually reverted back and

1054
00:44:02,260 --> 00:44:09,700
after dropping down to about 70 kgs and

1055

00:44:05,909 --> 00:44:12,190
that's pretty light for me I did been

1056
00:44:09,699 --> 00:44:14,230
research and found out that maybe it's

1057
00:44:12,190 --> 00:44:16,298
not such a bad thing they meetin start

1058
00:44:14,230 --> 00:44:19,088
eating meat and put on 10k kgs in the

1059
00:44:16,298 --> 00:44:21,699
year okay so I wouldn't mind being 70

1060
00:44:19,088 --> 00:44:25,480
kilograms that'll be kind of cool but on

1061
00:44:21,699 --> 00:44:27,669
six foot three it's per year yeah but

1062
00:44:25,480 --> 00:44:29,619
although i don't mind tofu so it's a

1063
00:44:27,670 --> 00:44:32,079
certain can you not eat tofu you're sick

1064
00:44:29,619 --> 00:44:35,260
of that because there's soy milk that

1065
00:44:32,079 --> 00:44:37,150
really bugs you still owe you because

1066
00:44:35,260 --> 00:44:41,049
you're forced to eat it yeah I'm glad to

1067
00:44:37,150 --> 00:44:42,910
give it up now we've got someone here

1068
00:44:41,048 --> 00:44:45,518
who shares something I was interested in

1069
00:44:42,909 --> 00:44:47,679

as a teenager particularly the writings

1070

00:44:45,518 --> 00:44:50,048

of Earth forget his name of the bullets

1071

00:44:47,679 --> 00:44:51,250

was his name yeah and now and tell us

1072

00:44:50,048 --> 00:44:53,230

what what you enjoyed when you were

1073

00:44:51,250 --> 00:44:57,028

younger you so we thought those books

1074

00:44:53,230 --> 00:44:59,619

about Bermuda triangles and UFOs and the

1075

00:44:57,028 --> 00:45:03,818

erich von daniken worthy God's

1076

00:44:59,619 --> 00:45:05,048

astronauts Adamski George Adamski he was

1077

00:45:03,818 --> 00:45:08,380

the one who had encounters with the

1078

00:45:05,048 --> 00:45:09,670

Venetians I know it wasn't familiar I ok

1079

00:45:08,380 --> 00:45:11,349

but it's good to see look erich von

1080

00:45:09,670 --> 00:45:12,940

daniken makes it come back on ancient

1081

00:45:11,349 --> 00:45:15,250

aliens every once in a while he'll pop

1082

00:45:12,940 --> 00:45:18,099

up on ancient aliens that's interesting

1083

00:45:15,250 --> 00:45:20,278

we don't know that yep but I left of

1084
00:45:18,099 --> 00:45:24,579
their word when I was to a teenager in

1085
00:45:20,278 --> 00:45:26,619
can't stop making sense did you have any

1086
00:45:24,579 --> 00:45:28,180
sort of wound beliefs as a child or

1087
00:45:26,619 --> 00:45:29,528
something your family put into you that

1088
00:45:28,179 --> 00:45:31,449
took a while to let go of well you may

1089
00:45:29,528 --> 00:45:35,440
still have as a child I believe

1090
00:45:31,449 --> 00:45:36,839
everything move every book on UFOs and

1091
00:45:35,440 --> 00:45:39,220
ghosts and

1092
00:45:36,840 --> 00:45:41,740
conspiracies and muta triangles that

1093
00:45:39,219 --> 00:45:44,949
there was in the library I got out I

1094
00:45:41,739 --> 00:45:46,149
read it and I loved charles berlitz that

1095
00:45:44,949 --> 00:45:47,710
that's the name i'm looking for because

1096
00:45:46,150 --> 00:45:49,300
because i used to love that so I'm with

1097
00:45:47,710 --> 00:45:51,400
the ancient astronauts and Erich von

1098
00:45:49,300 --> 00:45:52,900
Daniken right and it's a great it's the

1099
00:45:51,400 --> 00:45:55,269
great that he turns up on ancient aliens

1100
00:45:52,900 --> 00:45:56,769
now I'd he's still around still banging

1101
00:45:55,269 --> 00:45:59,590
on about him and the guy with the great

1102
00:45:56,769 --> 00:46:02,800
hair so I mean I loved it and I wished

1103
00:45:59,590 --> 00:46:04,990
it was all true and well I think so I

1104
00:46:02,800 --> 00:46:06,880
certainly see the appeal of its lots of

1105
00:46:04,989 --> 00:46:08,409
fun I mean you do still watch those kind

1106
00:46:06,880 --> 00:46:11,010
of documentaries for their fun appeal

1107
00:46:08,409 --> 00:46:14,139
yeah I do sometimes I may be a bit

1108
00:46:11,010 --> 00:46:19,240
irritated now but Leonard Nimoy in

1109
00:46:14,139 --> 00:46:21,009
search of yeah I'm very um in two minds

1110
00:46:19,239 --> 00:46:23,049
about the claw Laughlin and Nimoy and I

1111
00:46:21,010 --> 00:46:26,110
love his voice but then on the other

1112

00:46:23,050 --> 00:46:27,970
hand there's in search of those this is

1113
00:46:26,110 --> 00:46:30,130
out there i recommend that you go to the

1114
00:46:27,969 --> 00:46:32,579
in search of episode that's on YouTube

1115
00:46:30,130 --> 00:46:36,730
about Bigfoot and at a certain point

1116
00:46:32,579 --> 00:46:39,579
into the show there's a noise it seems

1117
00:46:36,730 --> 00:46:41,230
to come out and I'm suspecting it's it's

1118
00:46:39,579 --> 00:46:43,210
William Shatner sticking his head into

1119
00:46:41,230 --> 00:46:45,250
the booth blowing a raspberry but have a

1120
00:46:43,210 --> 00:46:47,139
listen to that that's a in search of

1121
00:46:45,250 --> 00:46:53,530
Bigfoot and there's a very strange

1122
00:46:47,139 --> 00:46:57,400
farting noise in the background a giant

1123
00:46:53,530 --> 00:47:00,670
hairy creature part ape one man indians

1124
00:46:57,400 --> 00:47:03,450
call him sasquatch they believe he is as

1125
00:47:00,670 --> 00:47:06,190
gentle as he is powerful and mysterious

1126
00:47:03,449 --> 00:47:07,929

he's been seen many times in the rugged

1127

00:47:06,190 --> 00:47:10,809

mountains and deep woods of the Pacific

1128

00:47:07,929 --> 00:47:12,448

Northwest the encounters have not always

1129

00:47:10,809 --> 00:47:14,949

been peaceful

1130

00:47:12,449 --> 00:47:17,680

I've examined the film many times

1131

00:47:14,949 --> 00:47:20,349

watching it forward backwards stop frame

1132

00:47:17,679 --> 00:47:21,940

measured and everything and all of the

1133

00:47:20,349 --> 00:47:24,190

anatomy of the creature is perfectly

1134

00:47:21,940 --> 00:47:25,869

consistent and it does just simply does

1135

00:47:24,190 --> 00:47:28,150

not fit with the man wearing a suit

1136

00:47:25,869 --> 00:47:30,459

William Shatner ruins everything he does

1137

00:47:28,150 --> 00:47:31,930

and he wouldn't want you know Leonard to

1138

00:47:30,458 --> 00:47:35,588

have a good time I'll be successful

1139

00:47:31,929 --> 00:47:38,018

would he know I mean he had our what was

1140

00:47:35,588 --> 00:47:40,239

that cop show with the TJ hooker PJ

1141
00:47:38,018 --> 00:47:42,218
hooker that's right you haven't had any

1142
00:47:40,239 --> 00:47:44,798
more on at once oh really yes they

1143
00:47:42,219 --> 00:47:47,048
actually started an episode together is

1144
00:47:44,798 --> 00:47:49,748
that on YouTube I suspect if you go and

1145
00:47:47,048 --> 00:47:51,400
look TJ hooker Nimoy and Shatner Shatner

1146
00:47:49,748 --> 00:47:52,358
anymore they worked on one episode

1147
00:47:51,400 --> 00:47:54,309
together and there's this whole thing

1148
00:47:52,358 --> 00:47:56,288
about they used to be cops together and

1149
00:47:54,309 --> 00:47:59,140
had a history all its so Star Trek now

1150
00:47:56,289 --> 00:48:01,119
season on DVD just for that yep yep

1151
00:47:59,139 --> 00:48:03,129
better Heather Locklear stuff see I mean

1152
00:48:01,119 --> 00:48:05,499
see shuttin something that we enjoyed as

1153
00:48:03,130 --> 00:48:08,829
a kid we can't let go of I will never

1154
00:48:05,498 --> 00:48:10,389
let go of will in Cheddar like I'm about

1155
00:48:08,829 --> 00:48:12,400
yet another skeptic table here this is a

1156
00:48:10,389 --> 00:48:15,278
heavy drinking DVD skeptic table here

1157
00:48:12,400 --> 00:48:16,959
and now as I've admitted that I believed

1158
00:48:15,278 --> 00:48:20,108
in William Shatner one arms yet I was

1159
00:48:16,958 --> 00:48:22,748
younger I still do I enjoyed the work of

1160
00:48:20,108 --> 00:48:25,028
Charles bullets the buena triangle stuff

1161
00:48:22,748 --> 00:48:26,858
erich von daniken who still powers on in

1162
00:48:25,028 --> 00:48:28,659
ancient aliens even today I will watch

1163
00:48:26,858 --> 00:48:30,670
that just to see him take a drink every

1164
00:48:28,659 --> 00:48:32,170
time Eric turns up it's fantastic what

1165
00:48:30,670 --> 00:48:33,639
did you believe when you were young it

1166
00:48:32,170 --> 00:48:35,229
was a bit of whew that you had trouble

1167
00:48:33,639 --> 00:48:37,058
letting go of well as you may or may not

1168
00:48:35,228 --> 00:48:38,828
know I was raised in a fundamentalist

1169

00:48:37,059 --> 00:48:40,569
Christian Church that's right i have

1170
00:48:38,829 --> 00:48:42,999
seen you here giving a talk on that and

1171
00:48:40,568 --> 00:48:45,400
that that is that is some serious tough

1172
00:48:42,998 --> 00:48:47,139
to lay on someone absolutely so one of

1173
00:48:45,400 --> 00:48:48,940
my earliest recollections is when I was

1174
00:48:47,139 --> 00:48:50,889
about five years old as my my mother

1175
00:48:48,940 --> 00:48:53,990
charging into my room to chase a demon

1176
00:48:50,889 --> 00:48:55,940
off my of my bedroom window

1177
00:48:53,989 --> 00:48:57,469
no point pointing it out to me that it

1178
00:48:55,940 --> 00:48:59,240
was there and so that was part of the

1179
00:48:57,469 --> 00:49:03,919
sort of the fabric of my life up until

1180
00:48:59,239 --> 00:49:05,089
was in my early 20s I suppose so so do

1181
00:49:03,920 --> 00:49:08,210
you think she was doing that as a bit of

1182
00:49:05,090 --> 00:49:09,829
a allegory to you to be good because

1183
00:49:08,210 --> 00:49:11,090

there's demons in your room do you think

1184

00:49:09,829 --> 00:49:12,230

she generally put there was one there no

1185

00:49:11,090 --> 00:49:14,210

there was as far as she was concerned

1186

00:49:12,230 --> 00:49:15,860

there was an actual demon there if you

1187

00:49:14,210 --> 00:49:18,349

asked her today she would still say that

1188

00:49:15,860 --> 00:49:19,880

there was an actual demon there so as a

1189

00:49:18,349 --> 00:49:22,150

recurrent theme throughout my life it

1190

00:49:19,880 --> 00:49:24,920

wasn't like a one-off let's try and

1191

00:49:22,150 --> 00:49:26,960

impart something to my child you know a

1192

00:49:24,920 --> 00:49:31,519

lesson of some description and this was

1193

00:49:26,960 --> 00:49:33,139

a real tangible I would imagine being a

1194

00:49:31,519 --> 00:49:35,480

kid in that kind of household you either

1195

00:49:33,139 --> 00:49:37,368

going to a go along with that well you

1196

00:49:35,480 --> 00:49:39,500

were just going to turn into the wildest

1197

00:49:37,369 --> 00:49:41,059

craziest crazy person ever to rebel

1198
00:49:39,500 --> 00:49:43,250
against what they're saying in a certain

1199
00:49:41,059 --> 00:49:46,400
age when deny that I was crazy I'm

1200
00:49:43,250 --> 00:49:47,960
possibly still AM Best well I suppose I

1201
00:49:46,400 --> 00:49:50,450
was better known in the church for

1202
00:49:47,960 --> 00:49:52,039
causing trouble than not but her out of

1203
00:49:50,449 --> 00:49:53,989
that quite again quite quickly and and

1204
00:49:52,039 --> 00:49:57,619
was there actually one moment we went

1205
00:49:53,989 --> 00:50:00,229
hang on actually this isn't right yeah

1206
00:49:57,619 --> 00:50:01,760
it was it was probably there was a good

1207
00:50:00,230 --> 00:50:03,679
section of me that started to question

1208
00:50:01,760 --> 00:50:05,869
in great detail a lot of the things that

1209
00:50:03,679 --> 00:50:09,429
being said like you know what if these

1210
00:50:05,869 --> 00:50:12,140
things are real or are they just being

1211
00:50:09,429 --> 00:50:13,940
displayed as real I did didn't get the

1212
00:50:12,139 --> 00:50:15,858
sense ever that anyone who was telling

1213
00:50:13,940 --> 00:50:18,320
people that these demons and things were

1214
00:50:15,858 --> 00:50:20,509
real were ever being insincere that I

1215
00:50:18,320 --> 00:50:22,550
never ever want sanest dog I've never

1216
00:50:20,510 --> 00:50:24,619
had that impression yeah they genuinely

1217
00:50:22,550 --> 00:50:26,510
believe what they did but I just didn't

1218
00:50:24,619 --> 00:50:30,140
find any evidence what was being said

1219
00:50:26,510 --> 00:50:31,609
and as I got older of course and you

1220
00:50:30,139 --> 00:50:33,829
know for most of my life with denied

1221
00:50:31,608 --> 00:50:35,569
scientific education and as I got older

1222
00:50:33,829 --> 00:50:36,829
you know scientific proof became

1223
00:50:35,570 --> 00:50:40,130
something that was very important to me

1224
00:50:36,829 --> 00:50:42,139
and then I began to understand how easy

1225
00:50:40,130 --> 00:50:43,579
it is to convince people especially if

1226

00:50:42,139 --> 00:50:45,079
you get them at here's the right age or

1227
00:50:43,579 --> 00:50:47,900
right circumstance to convince them that

1228
00:50:45,079 --> 00:50:49,639
something isn't necessarily so yeah you

1229
00:50:47,900 --> 00:50:51,160
can convince anyone of just about

1230
00:50:49,639 --> 00:50:53,230
anything if you give them

1231
00:50:51,159 --> 00:50:54,940
the right conditions in time and now

1232
00:50:53,230 --> 00:50:57,280
what is your simple evidence test you

1233
00:50:54,940 --> 00:50:59,530
use with extraordinary claims these days

1234
00:50:57,280 --> 00:51:02,650
well extraordinary claims require

1235
00:50:59,530 --> 00:51:05,980
extraordinary evidence about as simple

1236
00:51:02,650 --> 00:51:07,389
as I can put it was it was something as

1237
00:51:05,980 --> 00:51:10,510
a kid that user who carried through into

1238
00:51:07,389 --> 00:51:12,519
adulthood not really part of the usual

1239
00:51:10,510 --> 00:51:13,870
childhood things like no Santa Claus or

1240
00:51:12,519 --> 00:51:16,269

the Easter buddy if these are that I

1241
00:51:13,869 --> 00:51:19,059
never what parents were pretty secular

1242
00:51:16,269 --> 00:51:21,489
and so you a skeptical kid like you know

1243
00:51:19,059 --> 00:51:23,349
you would like and that's not real to

1244
00:51:21,489 --> 00:51:25,119
everything yeah pretty much i don't

1245
00:51:23,349 --> 00:51:28,299
think i was particularly smart ass in

1246
00:51:25,119 --> 00:51:30,130
class i was my last class I've come on

1247
00:51:28,300 --> 00:51:31,990
teacher where's your proof for that well

1248
00:51:30,130 --> 00:51:34,900
I was kind of always interested in size

1249
00:51:31,989 --> 00:51:37,419
that sort of stuff but I wouldn't say I

1250
00:51:34,900 --> 00:51:39,250
was really actively a skeptic goes

1251
00:51:37,420 --> 00:51:41,619
perhaps a little bit more skeptical than

1252
00:51:39,250 --> 00:51:43,690
some people but not really not like I

1253
00:51:41,619 --> 00:51:44,949
have tutors at at all these to make fun

1254
00:51:43,690 --> 00:51:47,650
of me in primary school cause I was

1255
00:51:44,949 --> 00:51:49,149
interested in rockets and UFOs and space

1256
00:51:47,650 --> 00:51:50,829
travel but obviously me and one other

1257
00:51:49,150 --> 00:51:52,420
guy in the class and the entire primary

1258
00:51:50,829 --> 00:51:54,639
school because guys just went into that

1259
00:51:52,420 --> 00:51:58,000
Indian castle at that time yeah I was in

1260
00:51:54,639 --> 00:52:00,309
the same things space but it's dinosaurs

1261
00:51:58,000 --> 00:52:02,559
what I was younger and had you know

1262
00:52:00,309 --> 00:52:04,389
interested in the moon landing it's all

1263
00:52:02,559 --> 00:52:06,789
that sort of stuff so I was always into

1264
00:52:04,389 --> 00:52:08,440
that sort of side stuff well I took

1265
00:52:06,789 --> 00:52:10,449
kicked off the science for you it did

1266
00:52:08,440 --> 00:52:13,960
yeah and then I I was interested I wind

1267
00:52:10,449 --> 00:52:16,839
up doing engineering at Union yeah we do

1268
00:52:13,960 --> 00:52:17,920
that sort of through career so so what

1269
00:52:16,840 --> 00:52:19,750
sort of engineering leave the

1270
00:52:17,920 --> 00:52:22,360
engineering the electric engineer

1271
00:52:19,750 --> 00:52:24,760
electronic app so can you like like wire

1272
00:52:22,360 --> 00:52:26,590
up a Volkswagen it depends on where you

1273
00:52:24,760 --> 00:52:30,160
want me to wire it up for tomorrow to

1274
00:52:26,590 --> 00:52:31,600
achieve your hike what about you is

1275
00:52:30,159 --> 00:52:34,089
there something as a kid that carried

1276
00:52:31,599 --> 00:52:36,159
over into life milestone you know 14 my

1277
00:52:34,090 --> 00:52:38,470
best friend from primary school gave me

1278
00:52:36,159 --> 00:52:39,909
a book on my I think was called

1279
00:52:38,469 --> 00:52:42,429
mysteries of the unexplained or

1280
00:52:39,909 --> 00:52:43,989
something and I don't know where

1281
00:52:42,429 --> 00:52:46,000
actually believed any of its kind of

1282
00:52:43,989 --> 00:52:52,929
hard to remember that fact that far but

1283

00:52:46,000 --> 00:52:54,579
I certainly didn't quite know except a

1284
00:52:52,929 --> 00:52:56,469
lot of the argument the spurious

1285
00:52:54,579 --> 00:52:59,920
arguments they used and accepted them as

1286
00:52:56,469 --> 00:53:01,509
mad because I didn't quite know how to

1287
00:52:59,920 --> 00:53:02,950
how to tell a good argument for a bad

1288
00:53:01,510 --> 00:53:04,780
one so I suppose it kind of the

1289
00:53:02,949 --> 00:53:06,639
excitement of all these unknown universe

1290
00:53:04,780 --> 00:53:08,590
is opening up to is that part of it I

1291
00:53:06,639 --> 00:53:11,409
mean for me that I mean the possibility

1292
00:53:08,590 --> 00:53:13,420
of what if often to me Trump's actual

1293
00:53:11,409 --> 00:53:15,399
evidence I've got to say if something is

1294
00:53:13,420 --> 00:53:17,019
an interesting concept I'll kind of go

1295
00:53:15,400 --> 00:53:18,519
with it a certain way despite the

1296
00:53:17,019 --> 00:53:21,429
evidence just because of the imaginative

1297
00:53:18,519 --> 00:53:23,469

adventure involved possibly but I think

1298

00:53:21,429 --> 00:53:25,659

mostly it was just there are interesting

1299

00:53:23,469 --> 00:53:29,589

stories they were fun and this is one

1300

00:53:25,659 --> 00:53:32,099

that sticks out particularly no they all

1301

00:53:29,590 --> 00:53:34,420

but it all sort of blended together I

1302

00:53:32,099 --> 00:53:37,179

yeah I do remember that i didn't i

1303

00:53:34,420 --> 00:53:38,829

didn't believe the UFOs stuff i was but

1304

00:53:37,179 --> 00:53:41,949

at the time i was a big science fiction

1305

00:53:38,829 --> 00:53:44,590

fan master Lam you if UFOs never really

1306

00:53:41,949 --> 00:53:46,960

caught my imagination I just thought nah

1307

00:53:44,590 --> 00:53:49,030

not interesting enough so you think

1308

00:53:46,960 --> 00:53:50,170

because of your basic work knowledge of

1309

00:53:49,030 --> 00:53:51,190

science that you were getting from some

1310

00:53:50,170 --> 00:53:53,019

of the science fiction books you're

1311

00:53:51,190 --> 00:53:54,610

reading it you just thought it's just so

1312
00:53:53,019 --> 00:53:58,389
not possible it doesn't enter the

1313
00:53:54,610 --> 00:54:00,940
reality watch a lot of Star Trek and I

1314
00:53:58,389 --> 00:54:03,989
thought why would aliens come here in

1315
00:54:00,940 --> 00:54:06,099
the UFOs and do essentially nothing

1316
00:54:03,989 --> 00:54:08,619
there's so many mortgaging things to do

1317
00:54:06,099 --> 00:54:10,029
on the earth maybe they're doing nothing

1318
00:54:08,619 --> 00:54:12,069
because what's that law they have on

1319
00:54:10,030 --> 00:54:13,750
Star Trek the prime directive the prime

1320
00:54:12,070 --> 00:54:15,309
directive is why the aliens aren't doing

1321
00:54:13,750 --> 00:54:16,570
anything Oh clearly if you're seeing

1322
00:54:15,309 --> 00:54:18,429
them they're violating the prime

1323
00:54:16,570 --> 00:54:19,900
directive so that they'll eat there at

1324
00:54:18,429 --> 00:54:21,469
least not taking their loss particularly

1325
00:54:19,900 --> 00:54:24,320
seriously

1326
00:54:21,469 --> 00:54:25,939
he knows his stuff I'm just leaning all

1327
00:54:24,320 --> 00:54:28,820
over the table here risking knocking

1328
00:54:25,940 --> 00:54:30,440
over wine and who we got here Jessica

1329
00:54:28,820 --> 00:54:32,090
now what did you believe is a kid that

1330
00:54:30,440 --> 00:54:38,420
was a little bit unusual that you might

1331
00:54:32,090 --> 00:54:42,440
have carried into life well I remember

1332
00:54:38,420 --> 00:54:45,590
it was the 70s it was the 70s and there

1333
00:54:42,440 --> 00:54:47,720
were drugs involved well they might have

1334
00:54:45,590 --> 00:54:48,829
well I was too young and here's

1335
00:54:47,719 --> 00:54:50,629
something for you listens out there do

1336
00:54:48,829 --> 00:54:53,299
you know today group of goats the

1337
00:54:50,630 --> 00:54:58,670
collective noun is a trip a trip of

1338
00:54:53,300 --> 00:55:02,210
goats and now back to our program it was

1339
00:54:58,670 --> 00:55:05,090
back to our program it was the 70s I was

1340

00:55:02,210 --> 00:55:08,059
in primary school and the thing that had

1341
00:55:05,090 --> 00:55:11,450
a great deal of traction then was uri

1342
00:55:08,059 --> 00:55:12,858
geller and spoon bending I saw you

1343
00:55:11,449 --> 00:55:14,689
regular at the Civic Theatre in New

1344
00:55:12,858 --> 00:55:16,639
Castle with my mum the radio station was

1345
00:55:14,690 --> 00:55:18,320
giving away tickets also what year was

1346
00:55:16,639 --> 00:55:20,118
that well that would have been around at

1347
00:55:18,320 --> 00:55:23,210
the same time on the same tour and I was

1348
00:55:20,119 --> 00:55:24,530
like mesmerised by him bundled it bored

1349
00:55:23,210 --> 00:55:25,849
because he didn't have enough tricks I

1350
00:55:24,530 --> 00:55:28,310
was used to seeing magicians with more

1351
00:55:25,849 --> 00:55:30,619
tricks in here and oh so you knew he was

1352
00:55:28,309 --> 00:55:32,239
a magician no no no i didn't i just i

1353
00:55:30,619 --> 00:55:33,710
thought it was a mystical guide that

1354
00:55:32,239 --> 00:55:36,529

could do stuff but he just didn't have

1355

00:55:33,710 --> 00:55:39,409

enough acts and he's you know yeah well

1356

00:55:36,530 --> 00:55:42,740

i suppose as 11 and 12 year olds i mean

1357

00:55:39,409 --> 00:55:45,170

i never saw him a bomb but kids at

1358

00:55:42,739 --> 00:55:47,088

school were really into him and took him

1359

00:55:45,170 --> 00:55:48,440

at face value they probably also would

1360

00:55:47,088 --> 00:55:54,380

have been into the show come through

1361

00:55:48,440 --> 00:55:56,780

with the Carradine yeah yeah yeah so

1362

00:55:54,380 --> 00:56:01,440

that's that's the thing i remember being

1363

00:55:56,780 --> 00:56:03,510

the great talking point it didn't really

1364

00:56:01,440 --> 00:56:04,829

stick with me but I did remember him so

1365

00:56:03,510 --> 00:56:07,050

that when I got got involved in the

1366

00:56:04,829 --> 00:56:08,849

skeptics years and years later and found

1367

00:56:07,050 --> 00:56:11,550

out all about uri geller and you know

1368

00:56:08,849 --> 00:56:14,849

how he did it that was that was great it

1369
00:56:11,550 --> 00:56:17,010
was like all great okay so I was fully

1370
00:56:14,849 --> 00:56:18,960
justified in not taking much notice of

1371
00:56:17,010 --> 00:56:21,270
him look there are still some people I

1372
00:56:18,960 --> 00:56:22,889
have discussions with that think he's

1373
00:56:21,269 --> 00:56:25,019
been hard done by and they are come

1374
00:56:22,889 --> 00:56:26,368
against the work of james randi for

1375
00:56:25,019 --> 00:56:29,639
exposing you've been saying how dare

1376
00:56:26,369 --> 00:56:32,940
James do that too to mr. Geller who is

1377
00:56:29,639 --> 00:56:35,400
of good intentions well i don't know i

1378
00:56:32,940 --> 00:56:39,210
think mr. Geller has done fairly well

1379
00:56:35,400 --> 00:56:41,160
out of things so my withers are unrun

1380
00:56:39,210 --> 00:56:42,568
did you ever take his stop the clock

1381
00:56:41,159 --> 00:56:44,969
test that's where you could go onto the

1382
00:56:42,568 --> 00:56:47,068
internet look at a clock that was inside

1383
00:56:44,969 --> 00:56:49,379
us safe and if you tried hard enough you

1384
00:56:47,068 --> 00:56:52,409
can stop the clock no I didn't do that

1385
00:56:49,380 --> 00:56:54,599
one but um once it's a joke I heard him

1386
00:56:52,409 --> 00:56:56,879
on the radio I think Clive Robertson had

1387
00:56:54,599 --> 00:56:58,769
had him on the radio at once and it was

1388
00:56:56,880 --> 00:57:00,539
you know get out your old watch that

1389
00:56:58,769 --> 00:57:04,199
isn't working put it in there I put it

1390
00:57:00,539 --> 00:57:05,818
on the radio and shout work at it well I

1391
00:57:04,199 --> 00:57:09,509
sort of scrambled around for an old

1392
00:57:05,818 --> 00:57:10,889
watch got out the case before didn't

1393
00:57:09,510 --> 00:57:13,260
have time to take it out of the case put

1394
00:57:10,889 --> 00:57:15,000
the case on the radio because i was i

1395
00:57:13,260 --> 00:57:17,490
just wanted to do it as a joke and just

1396
00:57:15,000 --> 00:57:19,139
just just prove that my watch wasn't

1397

00:57:17,489 --> 00:57:21,689
going to work whatever Uri Geller said

1398
00:57:19,139 --> 00:57:23,909
anyway so we're through this pallava

1399
00:57:21,690 --> 00:57:27,088
opened the case and my watch wasn't even

1400
00:57:23,909 --> 00:57:28,889
in the case so what I felt like a fool

1401
00:57:27,088 --> 00:57:30,690
that's amazing I tried it once who won

1402
00:57:28,889 --> 00:57:31,889
those vibrating egg things and it still

1403
00:57:30,690 --> 00:57:34,470
didn't work that's because I didn't have

1404
00:57:31,889 --> 00:57:37,578
a battery in it that would that would

1405
00:57:34,469 --> 00:57:37,578
explain him yeah

1406
00:57:49,679 --> 00:57:55,059
hello on our needle on solo scoffs of

1407
00:57:52,840 --> 00:57:57,430
dick moment when Tyrion at low so now to

1408
00:57:55,059 --> 00:58:02,019
skeptics on for weeds and swap and katie

1409
00:57:57,429 --> 00:58:07,319
schneider a meeting from RC Connor

1410
00:58:02,019 --> 00:58:07,320
really been skeptics own Prince TV

1411
00:58:19,670 --> 00:58:23,539

thank you for listening to the skeptic

1412

00:58:21,559 --> 00:58:27,530

son oh boy that was a bit of a tough

1413

00:58:23,539 --> 00:58:29,480

experience dr. a g-good was great

1414

00:58:27,530 --> 00:58:31,910

lessness is the way her face goes red at

1415

00:58:29,480 --> 00:58:33,289

certain displays and you know she wants

1416

00:58:31,909 --> 00:58:35,690

to say something but she doesn't and you

1417

00:58:33,289 --> 00:58:38,509

know that there's a low-level cold fish

1418

00:58:35,690 --> 00:58:40,130

and reaction going on inside it but are

1419

00:58:38,510 --> 00:58:42,230

coming up in the next few weeks on the

1420

00:58:40,130 --> 00:58:44,960

skeptic zone will have some stories from

1421

00:58:42,230 --> 00:58:47,838

our adventures here today at the

1422

00:58:44,960 --> 00:58:49,429

mind-body wallet festival but now I

1423

00:58:47,838 --> 00:58:51,048

think we all deserve a nice Chinese

1424

00:58:49,429 --> 00:58:53,659

dinner so we'll race off and have that

1425

00:58:51,048 --> 00:58:57,969

and we'll hope to hope to have your

1426
00:58:53,659 --> 00:58:57,969
company next week on the skeptics and

1427
00:58:59,980 --> 00:59:07,369
you've been listening to the skeptic

1428
00:59:02,389 --> 00:59:11,150
zone visit her website at [www skeptics](http://www.skeptics)

1429
00:59:07,369 --> 00:59:14,079
on TV for comments contacts and extra

1430
00:59:11,150 --> 00:59:14,079
video reports