

The Skeptic Zone

Show 185 - 6 May 2012



Dr Ken Harvey

1
00:00:04,190 --> 00:00:02,030
and then we've got a much more

2
00:00:06,889 --> 00:00:04,200
authoritative commentary from mystic

3
00:00:09,320 --> 00:00:06,899
Medusa the astrologer in there in the

4
00:00:11,660 --> 00:00:09,330
news limited newspapers saying the moon

5
00:00:15,020 --> 00:00:11,670
in this form has the power to disrupt

6
00:00:16,189 --> 00:00:15,030
bourgeois values no that's always good

7
00:00:18,290 --> 00:00:16,199
for me to the last but there's no

8
00:00:19,880 --> 00:00:18,300
science to that at all because it says

9
00:00:21,080 --> 00:00:19,890
it's a full moon in Scorpio side on

10
00:00:22,970 --> 00:00:21,090
Earth's all sorts of buried

11
00:00:24,590 --> 00:00:22,980
psychological treasure secret desires

12
00:00:26,390 --> 00:00:24,600
and longing for authenticity you're

13
00:00:28,040 --> 00:00:26,400

telling me that's not true well I'm

14

00:00:29,450 --> 00:00:28,050

going to stick to the science and the

15

00:00:31,490 --> 00:00:29,460

science says there's nothing to that

16

00:00:33,410 --> 00:00:31,500

whatsoever it's good for a laugh that's

17

00:00:35,150 --> 00:00:33,420

about it well I Susan I think that but

18

00:00:38,750 --> 00:00:35,160

the voyage I take it too seriously yes

19

00:00:41,810 --> 00:00:38,760

Jeff I yeah the mystic Medusa column

20

00:00:43,459 --> 00:00:41,820

talking about so full moon are nothing

21

00:00:45,080 --> 00:00:43,469

all sorts of very psychological treasure

22

00:00:48,290 --> 00:00:45,090

secret desires and longing for

23

00:00:50,270 --> 00:00:48,300

authenticity those who've worked in

24

00:00:52,760 --> 00:00:50,280

newspapers did tell me that quite a few

25

00:00:54,979 --> 00:00:52,770

of those astrological columns are made

26

00:01:02,069 --> 00:00:54,989

up will be quite a laugh wouldn't it

27

00:01:18,950 --> 00:01:05,249

welcome to the skeptic zone the podcast

28

00:01:26,310 --> 00:01:21,180

yes it's the skeptics on an episode

29

00:01:28,290 --> 00:01:26,320

number 185 for the sixth of May 2012

30

00:01:31,020 --> 00:01:28,300

Richard Saunders here with you coming to

31

00:01:33,090 --> 00:01:31,030

you this week from the mind body spirit

32

00:01:35,460 --> 00:01:33,100

or mind-body wallet festival as we call

33

00:01:38,609 --> 00:01:35,470

it here in Sydney and just before the

34

00:01:40,560 --> 00:01:38,619

introduction you heard jeff wyatt from

35

00:01:44,790 --> 00:01:40,570

the sydney observatory talking to john

36

00:01:48,240 --> 00:01:44,800

stanley on a sydney radio 2ue and i

37

00:01:51,870 --> 00:01:48,250

think we can see what Jeff White's

38

00:01:53,670 --> 00:01:51,880

opinions of astrology are joining me at

39

00:01:55,350 --> 00:01:53,680

the mind-body-spirit festival and these

40

00:01:58,170 --> 00:01:55,360

reports will be coming up in the next

41

00:02:01,620 --> 00:01:58,180

few weeks is dr. Reggie hi dr. agent hi

42

00:02:02,910 --> 00:02:01,630

Richard happy to be here you know it's

43

00:02:04,590 --> 00:02:02,920

funny you should ask that Richard

44

00:02:07,260 --> 00:02:04,600

because as I walked up to the doors

45

00:02:09,300 --> 00:02:07,270

today and I looked upon the wonder that

46

00:02:11,400 --> 00:02:09,310

is the mind body while it came out of my

47

00:02:13,710 --> 00:02:11,410

mouth were the words I don't know why I

48

00:02:16,920 --> 00:02:13,720

keep putting myself through this and I

49

00:02:18,360 --> 00:02:16,930

think that I keep it somehow that just

50

00:02:20,490 --> 00:02:18,370

comes out of my mouth every time I come

51
00:02:21,900 --> 00:02:20,500
in but I keep coming back yeah me too I

52
00:02:24,210 --> 00:02:21,910
know what it's like and somebody else

53
00:02:26,220 --> 00:02:24,220
has come back it's may not look as has

54
00:02:28,440 --> 00:02:26,230
been said many times my mind is so open

55
00:02:30,539 --> 00:02:28,450
my brain is falling out a long time ago

56
00:02:31,920 --> 00:02:30,549
so I'm very anxious to see what's going

57
00:02:33,630 --> 00:02:31,930
on here in fact our listeners can

58
00:02:34,830 --> 00:02:33,640
compare what we do here with the dirty

59
00:02:36,690 --> 00:02:34,840
disbelievers because we're going to take

60
00:02:37,830 --> 00:02:36,700
a similar source material and make two

61
00:02:39,090 --> 00:02:37,840
different shows out of it which will

62
00:02:40,949 --> 00:02:39,100
have two different results and I know

63
00:02:42,360 --> 00:02:40,959

why you're here Richard because I asked

64

00:02:44,940 --> 00:02:42,370

you why you do this to yourself every

65

00:02:47,699 --> 00:02:44,950

year and you said Maynard it's what we

66

00:02:49,080 --> 00:02:47,709

do and is wise why do you climb the

67

00:02:51,330 --> 00:02:49,090

mountain because it's there right yeah

68

00:02:52,680 --> 00:02:51,340

exactly and what I want to know is that

69

00:02:54,690 --> 00:02:52,690

I was actually listening to a mysterious

70

00:02:56,610 --> 00:02:54,700

universe podcast earlier and they were

71

00:02:58,590 --> 00:02:56,620

just seeing photos of people that have

72

00:03:00,330 --> 00:02:58,600

had abduction experiences and comparing

73

00:03:02,340 --> 00:03:00,340

them to their photo and what they found

74

00:03:04,470 --> 00:03:02,350

out was the bigger the pendant the

75

00:03:06,300 --> 00:03:04,480

bigger the story so I'm just wondering

76

00:03:07,830 --> 00:03:06,310

if we just take it a bit of a look at

77

00:03:10,800 --> 00:03:07,840

people's pendants that they're wearing

78

00:03:12,600 --> 00:03:10,810

behind behind the counter and see if

79

00:03:14,100 --> 00:03:12,610

they've got a bigger claim to make the

80

00:03:15,900 --> 00:03:14,110

bigger the pendant the bigger the story

81

00:03:18,030 --> 00:03:15,910

I think it's interesting something will

82

00:03:20,369 --> 00:03:18,040

definitely look out for but coming up on

83

00:03:20,750 --> 00:03:20,379

today's skeptic zone we're going to kick

84

00:03:23,300 --> 00:03:20,760

off

85

00:03:25,069 --> 00:03:23,310

with the press release from the a Triple

86

00:03:27,890 --> 00:03:25,079

C the Australian competitions and

87

00:03:30,440 --> 00:03:27,900

Consumer Commission regarding action

88

00:03:33,050 --> 00:03:30,450

taken I we're guessing there was action

89

00:03:35,839 --> 00:03:33,060

taken against homeopathy plus and their

90

00:03:38,360 --> 00:03:35,849

claims of homeopathic prevention and

91

00:03:40,850 --> 00:03:38,370

treatment of whooping cough following

92

00:03:42,500 --> 00:03:40,860

that we have an interview with dr. ken

93

00:03:44,960 --> 00:03:42,510

harvey who will tell us more about that

94

00:03:48,080 --> 00:03:44,970

and i just noticed dr. raging i think

95

00:03:51,729 --> 00:03:48,090

you let me know this that homeopathy

96

00:03:55,640 --> 00:03:51,739

plus have put back the page in question

97

00:03:57,949 --> 00:03:55,650

slightly modified yeah we have a web

98

00:03:59,960 --> 00:03:57,959

archive of the page that was originally

99

00:04:02,210 --> 00:03:59,970

there that was the issue that the Erebus

100

00:04:04,250 --> 00:04:02,220

eat chalk which was that as you say

101
00:04:05,930 --> 00:04:04,260
homie i'll be possible claiming that

102
00:04:09,440 --> 00:04:05,940
homeopathy was an effective prevention

103
00:04:11,780 --> 00:04:09,450
for whooping cough now it has it did go

104
00:04:14,809 --> 00:04:11,790
down then it came back up with some

105
00:04:17,420 --> 00:04:14,819
slight modifications then it went down

106
00:04:20,180 --> 00:04:17,430
again now i don't know if it's back up

107
00:04:21,770 --> 00:04:20,190
again up this morning right but but they

108
00:04:24,560 --> 00:04:21,780
haven't removed the claims that

109
00:04:26,480 --> 00:04:24,570
homeopathy is effective as a treatment

110
00:04:28,460 --> 00:04:26,490
for whooping cough or they haven't as

111
00:04:30,560 --> 00:04:28,470
far as I can see it's very worrying but

112
00:04:33,170 --> 00:04:30,570
we'll find out more and after that

113
00:04:34,790 --> 00:04:33,180

interview with dr. ken harvey it's dr.

114

00:04:36,200 --> 00:04:34,800

Reggie reports what can the listeners

115

00:04:40,430 --> 00:04:36,210

look forward to this week dr. AG

116

00:04:42,080 --> 00:04:40,440

morecambe actually some recent draft

117

00:04:45,620 --> 00:04:42,090

proposals that the australian government

118

00:04:47,450 --> 00:04:45,630

has put forth to tighten the regulation

119

00:04:50,300 --> 00:04:47,460

of cam in australia and there's some

120

00:04:53,270 --> 00:04:50,310

really good news about the funding of

121

00:04:54,680 --> 00:04:53,280

cam by public private health funds and

122

00:04:56,540 --> 00:04:54,690

how the government's taking action

123

00:04:58,939 --> 00:04:56,550

against that so really exciting stuff

124

00:05:01,010 --> 00:04:58,949

great can't wait for dr. Reggie reports

125

00:05:03,379 --> 00:05:01,020

and following that it's Maynard's spooky

126

00:05:04,879 --> 00:05:03,389

action maintaining the pub and you're

127

00:05:07,159 --> 00:05:04,889

going to be speaking to Ian Bryce about

128

00:05:09,189 --> 00:05:07,169

free energy claims and then wandering

129

00:05:11,839 --> 00:05:09,199

around the pub and asking various

130

00:05:13,460 --> 00:05:11,849

skeptics and pub goers what they used to

131

00:05:15,050 --> 00:05:13,470

believe in with no were kids yeah that's

132

00:05:16,730 --> 00:05:15,060

right i was looking for a question and

133

00:05:18,260 --> 00:05:16,740

you popped one that i should pose two

134

00:05:19,820 --> 00:05:18,270

people richard that was it what did you

135

00:05:21,439 --> 00:05:19,830

believe the menu a child that you know

136

00:05:22,700 --> 00:05:21,449

you had trouble letting go of you or you

137

00:05:24,350 --> 00:05:22,710

remember particularly graphically

138

00:05:26,360 --> 00:05:24,360

remembering as a child and being very

139

00:05:28,040 --> 00:05:26,370

important to you many people came up

140

00:05:29,010 --> 00:05:28,050

with all sorts of things and let me tell

141

00:05:30,749 --> 00:05:29,020

you the name Erich von der

142

00:05:33,749 --> 00:05:30,759

Anakin will be mentioned more than once

143

00:05:36,330 --> 00:05:33,759

and leonard nimoy cool and shot and shot

144

00:05:38,939 --> 00:05:36,340

ma'am if any show with the shat man's a

145

00:05:40,170 --> 00:05:38,949

good show it's all coming up on the

146

00:05:43,559 --> 00:05:40,180

skipping zone well we're going to finish

147

00:05:45,960 --> 00:05:43,569

our coffee and take a big deep breath

148

00:05:48,330 --> 00:05:45,970

and walk through the doors of mind-body

149

00:06:08,460 --> 00:05:48,340

wallet wishes luck but for now please

150

00:06:11,219 --> 00:06:08,470

sit back and enjoy the skeptic zone this

151

00:06:13,980 --> 00:06:11,229

is a press release on the website of the

152

00:06:21,390 --> 00:06:13,990

a triple seen the Australian Competition

153

00:06:25,260 --> 00:06:21,400

and Consumer Commission wwa cccc ova you

154

00:06:28,920 --> 00:06:25,270

a triple c tackles homeopathy plus

155

00:06:30,950 --> 00:06:28,930

whooping cough claims homeopathy plus

156

00:06:33,360 --> 00:06:30,960

proprietary limited has removed

157

00:06:35,100 --> 00:06:33,370

representations from its website that

158

00:06:37,680 --> 00:06:35,110

the Australian Competition and Consumer

159

00:06:40,170 --> 00:06:37,690

Commission considered to be misleading

160

00:06:43,290 --> 00:06:40,180

and deceptive and that could lead to a

161

00:06:45,300 --> 00:06:43,300

serious health risk for consumers the

162

00:06:48,330 --> 00:06:45,310

representations were made on the

163

00:06:50,879 --> 00:06:48,340

whooping cough homeopathic prevention

164

00:06:53,990 --> 00:06:50,889

and treatment page which has since been

165

00:06:56,879 --> 00:06:54,000

removed from the homeopathy plus website

166

00:06:59,550 --> 00:06:56,889

the combination of these claims that the

167

00:07:01,860 --> 00:06:59,560

vaccine was ineffective and that the

168

00:07:04,379 --> 00:07:01,870

homeopathic remedies listed on the page

169

00:07:07,110 --> 00:07:04,389

were an alternative prevention and

170

00:07:09,959 --> 00:07:07,120

treatment regime elevated this matter to

171

00:07:13,589 --> 00:07:09,969

one of extreme concern a Triple C

172

00:07:16,050 --> 00:07:13,599

chairman rod Sims said the a Triple C

173

00:07:18,390 --> 00:07:16,060

examined content on the homeopathy plus

174

00:07:20,700 --> 00:07:18,400

website following a complaint from the

175

00:07:22,529 --> 00:07:20,710

medical profession the a Triple C

176

00:07:25,469 --> 00:07:22,539

considered that the homeopathy plus

177

00:07:27,480 --> 00:07:25,479

claims that the current whooping cough

178

00:07:30,240 --> 00:07:27,490

vaccine is dangerous and ineffective

179

00:07:33,089 --> 00:07:30,250

while the homeopathic remedy is a proven

180

00:07:35,999 --> 00:07:33,099

and safe alternative were likely to be

181

00:07:38,370 --> 00:07:36,009

misleading or deceptive reliance on

182

00:07:40,200 --> 00:07:38,380

these claims may influence consumers to

183

00:07:42,420 --> 00:07:40,210

avoid the whooping cough vaccine and

184

00:07:44,130 --> 00:07:42,430

rely solely on the home

185

00:07:46,500 --> 00:07:44,140

Oh pathak approach for treatment and

186

00:07:48,930 --> 00:07:46,510

prevention of whooping cough which is

187

00:07:51,300 --> 00:07:48,940

strongly discouraged by medical

188

00:07:54,510 --> 00:07:51,310

professionals whooping cough is a

189

00:07:57,210 --> 00:07:54,520

serious respiratory infection which can

190

00:08:00,930 --> 00:07:57,220

cause a long coughing illness and is

191

00:08:04,470 --> 00:08:00,940

life-threatening for babies the a Triple

192

00:08:06,210 --> 00:08:04,480

C result was considerably assisted by

193

00:08:09,480 --> 00:08:06,220

the engagement of the Therapeutic Goods

194

00:08:11,940 --> 00:08:09,490

Administration and New South Wales fair

195

00:08:14,970 --> 00:08:11,950

trading with homeopathy plus proprietary

196

00:08:18,120 --> 00:08:14,980

limited in resolving this matter the a

197

00:08:20,520 --> 00:08:18,130

Triple C will continue to monitor the

198

00:08:23,460 --> 00:08:20,530

homeopathy plus proprietary limited site

199

00:08:32,670 --> 00:08:23,470

for potential breaches of the Australian

200

00:08:36,930 --> 00:08:32,680

Consumer Law and joining me on the line

201
00:08:39,450 --> 00:08:36,940
now is ken harvey hello ken great now

202
00:08:41,940 --> 00:08:39,460
this is very interesting news and I have

203
00:08:44,550 --> 00:08:41,950
listeners have just heard the the press

204
00:08:47,490 --> 00:08:44,560
release from the a Triple C are you

205
00:08:51,120 --> 00:08:47,500
surprised that at last some action has

206
00:08:52,890 --> 00:08:51,130
been taken well know in a sense that

207
00:08:56,010 --> 00:08:52,900
we've been bringing a lot of pressure to

208
00:08:58,560 --> 00:08:56,020
bear and something had to give I mean

209
00:09:01,380 --> 00:08:58,570
homeopathy plus were complaints we've

210
00:09:04,050 --> 00:09:01,390
been putting in complaints since 2010

211
00:09:07,230 --> 00:09:04,060
about homeopathic immunization that

212
00:09:10,080 --> 00:09:07,240
they've been flogging it's really a

213
00:09:13,260 --> 00:09:10,090

classic illustration as the craziness of

214

00:09:14,910 --> 00:09:13,270

the Australian regulatory system the

215

00:09:16,740 --> 00:09:14,920

complaints go to the complaint

216

00:09:19,590 --> 00:09:16,750

resolution panel which administers a

217

00:09:21,300 --> 00:09:19,600

therapy good advertising code it's a

218

00:09:23,340 --> 00:09:21,310

good therapeutic goods advertising code

219

00:09:26,610 --> 00:09:23,350

and it's a good complaint revolution

220

00:09:28,740 --> 00:09:26,620

panel complaints get are held in fact on

221

00:09:33,660 --> 00:09:28,750

this one quite rightly they asked for

222

00:09:35,940 --> 00:09:33,670

attractions in 2010 that they requested

223

00:09:39,060 --> 00:09:35,950

that having homeopathy plus should

224

00:09:42,630 --> 00:09:39,070

retract their claims that homeopathic

225

00:09:45,230 --> 00:09:42,640

immunization was safe and effective and

226
00:09:47,790 --> 00:09:45,240
could replace conventional immunization

227
00:09:49,380 --> 00:09:47,800
but what happened which is what happens

228
00:09:51,480 --> 00:09:49,390
a lot with the complaint resolution

229
00:09:54,020 --> 00:09:51,490
panel they have no power to enforce

230
00:09:56,360 --> 00:09:54,030
their determinations and so

231
00:09:58,940 --> 00:09:56,370
the lady in question their Perry ops ii

232
00:10:01,670 --> 00:09:58,950
plus simply declined a request to put up

233
00:10:08,860 --> 00:10:01,680
a retraction indeed that was in the news

234
00:10:12,260 --> 00:10:08,870
in 2010 complaints kept on coming the

235
00:10:16,120 --> 00:10:12,270
and again there's some interesting stuff

236
00:10:18,710 --> 00:10:16,130
on the TGA website in theory if

237
00:10:20,020 --> 00:10:18,720
complaints are not completely if the

238
00:10:21,800 --> 00:10:20,030

complaint resolution panel

239

00:10:24,110 --> 00:10:21,810

determinations are not complied with

240

00:10:26,180 --> 00:10:24,120

they send it to therapy Goods

241

00:10:30,530 --> 00:10:26,190

Administration which is meant to be the

242

00:10:33,650 --> 00:10:30,540

ultimate regulator and last year the

243

00:10:36,500 --> 00:10:33,660

Therapeutic Goods Administration ordered

244

00:10:41,600 --> 00:10:36,510

compliance they wrote earlier ordering

245

00:10:44,960 --> 00:10:41,610

us and of course that was declined to

246

00:10:47,270 --> 00:10:44,970

nothing happened which again illustrates

247

00:10:49,460 --> 00:10:47,280

the limitations of the Therapeutic Goods

248

00:10:51,850 --> 00:10:49,470

Administration just as the complaint

249

00:10:54,320 --> 00:10:51,860

resolution panel has no power to enforce

250

00:10:56,810 --> 00:10:54,330

determinations neither has the

251
00:10:59,360 --> 00:10:56,820
Therapeutic Goods Administration well in

252
00:11:02,930 --> 00:10:59,370
theory they have they in theory they can

253
00:11:05,330 --> 00:11:02,940
bring in a criminal case there puts the

254
00:11:07,940 --> 00:11:05,340
public prosecutor in practice they've

255
00:11:09,890 --> 00:11:07,950
never ever ever done that um because

256
00:11:12,800 --> 00:11:09,900
fines are low and they've never felt

257
00:11:14,720 --> 00:11:12,810
that worthwhile putting putting in a

258
00:11:18,530 --> 00:11:14,730
brief for public prosecutor who had more

259
00:11:20,690 --> 00:11:18,540
important things to do and so this is a

260
00:11:22,940 --> 00:11:20,700
crazy situation we've had with the

261
00:11:25,310 --> 00:11:22,950
regulation of complementary medicines in

262
00:11:27,140 --> 00:11:25,320
Australia the the cutter is good the

263
00:11:30,830 --> 00:11:27,150

complaint resolution sounds good but the

264

00:11:32,600 --> 00:11:30,840

regulators are toothless Tigers and

265

00:11:35,000 --> 00:11:32,610

that's why more recently we've been

266

00:11:37,370 --> 00:11:35,010

trying to bring the Australian Consumer

267

00:11:41,870 --> 00:11:37,380

and competition a commission into it

268

00:11:47,420 --> 00:11:41,880

because they do have power they do have

269

00:11:51,020 --> 00:11:47,430

civil penalties fines and also they can

270

00:11:53,240 --> 00:11:51,030

have enforceable undertakings which you

271

00:11:57,500 --> 00:11:53,250

know the court can insist that they

272

00:12:01,250 --> 00:11:57,510

complied with and so eventually as I say

273

00:12:03,110 --> 00:12:01,260

I'm frustrated with all of this the most

274

00:12:05,840 --> 00:12:03,120

recent complaints were put to nature

275

00:12:07,759 --> 00:12:05,850

will see pointing out the three other

276

00:12:10,549 --> 00:12:07,769

regulators where impotence

277

00:12:12,710 --> 00:12:10,559

paper tigers and that hello we knew via

278

00:12:14,269 --> 00:12:12,720

CC hell no other things I played could

279

00:12:19,249 --> 00:12:14,279

they not do something about this

280

00:12:22,759 --> 00:12:19,259

craziness at which they have you and but

281

00:12:24,650 --> 00:12:22,769

again we're left with problems that yeah

282

00:12:26,749 --> 00:12:24,660

the HR will see will occasionally take

283

00:12:29,059 --> 00:12:26,759

on some of these problems they took on

284

00:12:31,609 --> 00:12:29,069

since aslam last year they took on power

285

00:12:33,609 --> 00:12:31,619

balance wristbands but as I say they've

286

00:12:37,160 --> 00:12:33,619

got a lot of other responsibilities

287

00:12:39,559 --> 00:12:37,170

corporate crime and other things and it

288

00:12:42,559 --> 00:12:39,569

emphasizes what we've been saying for 10

289

00:12:43,609 --> 00:12:42,569

years in Australia that it is a need to

290

00:12:45,379 --> 00:12:43,619

give the Therapeutic Goods

291

00:12:47,600 --> 00:12:45,389

Administration end of the complaint

292

00:12:50,840 --> 00:12:47,610

resolution panel that looks after the

293

00:12:52,759 --> 00:12:50,850

therapy codes advertising k to give them

294

00:12:55,189 --> 00:12:52,769

a sort of powers of nature Posse has

295

00:12:57,829 --> 00:12:55,199

civil penalties easily applied civil

296

00:13:00,850 --> 00:12:57,839

penalties enforceable undertakings so

297

00:13:04,129 --> 00:13:00,860

that there can be rapid and effective

298

00:13:06,169 --> 00:13:04,139

penalties are the sort of craziness now

299

00:13:07,699 --> 00:13:06,179

we're still waiting for that Richard

300

00:13:10,549 --> 00:13:07,709

it's been ten years and numerous

301
00:13:12,799 --> 00:13:10,559
government reports and clearly there's a

302
00:13:14,150 --> 00:13:12,809
lot of resistance from the industry yeah

303
00:13:17,150 --> 00:13:14,160
they're very happy with the situation

304
00:13:20,329 --> 00:13:17,160
the way it is but but yes it's good news

305
00:13:23,030 --> 00:13:20,339
that we finally got homeopathy plus to

306
00:13:24,799 --> 00:13:23,040
remove their web pages of supporting

307
00:13:27,289 --> 00:13:24,809
homeopathic immunization against

308
00:13:32,210 --> 00:13:27,299
whooping cough and many other things in

309
00:13:34,429 --> 00:13:32,220
the past but it's just yet another small

310
00:13:36,859 --> 00:13:34,439
win you know in a long battle camp and

311
00:13:38,809 --> 00:13:36,869
we've got a long way to go now I noticed

312
00:13:40,879 --> 00:13:38,819
that there since the a Triple C put out

313
00:13:43,460 --> 00:13:40,889

their press release and we're recording

314

00:13:47,059 --> 00:13:43,470

this on a friday and i think it was only

315

00:13:48,710 --> 00:13:47,069

either yesterday or even even today that

316

00:13:51,409 --> 00:13:48,720

that press release went out says very

317

00:13:53,720 --> 00:13:51,419

reason the australian newspapers picked

318

00:13:55,789 --> 00:13:53,730

up on the story and on their website

319

00:13:59,929 --> 00:13:55,799

they've published the story but also

320

00:14:02,179 --> 00:13:59,939

they've they have a comment from the

321

00:14:05,780 --> 00:14:02,189

director of homeopathy plus one Fran

322

00:14:07,939 --> 00:14:05,790

Sheffield who apparently is defiant and

323

00:14:10,729 --> 00:14:07,949

saying that she took down the

324

00:14:13,369 --> 00:14:10,739

information pending a review of the

325

00:14:15,739 --> 00:14:13,379

content and it could very well go up

326

00:14:17,809 --> 00:14:15,749

again once the review was completed and

327

00:14:21,110 --> 00:14:17,819

the review will be conducted by herself

328

00:14:25,190 --> 00:14:21,120

and other homeopaths

329

00:14:28,160 --> 00:14:25,200

hardly a review one would think look I

330

00:14:30,800 --> 00:14:28,170

mean with the problem the problem with

331

00:14:34,550 --> 00:14:30,810

some home tests we have here Australians

332

00:14:37,220 --> 00:14:34,560

in particular Victoria is that they

333

00:14:43,430 --> 00:14:37,230

believe her like a religious faith in

334

00:14:47,000 --> 00:14:43,440

homeopathic immunization the you know

335

00:14:49,670 --> 00:14:47,010

they they cite dubious evidence there

336

00:14:52,310 --> 00:14:49,680

was our Victorian home ippatsu some

337

00:14:55,760 --> 00:14:52,320

incredible reason got PhD at Swinburne

338

00:14:58,519 --> 00:14:55,770

University on homeopathic immunization

339

00:15:02,810 --> 00:14:58,529

which was and she never have got this

340

00:15:04,970 --> 00:15:02,820

page d makes a point that as we all know

341

00:15:07,550 --> 00:15:04,980

who examined students for the keeping

342

00:15:09,829 --> 00:15:07,560

food for PhD is to select the right

343

00:15:13,400 --> 00:15:09,839

examiners so if you select homeopathic

344

00:15:16,850 --> 00:15:13,410

examiners then anything can get up this

345

00:15:19,280 --> 00:15:16,860

guy essentially had followed up some of

346

00:15:23,060 --> 00:15:19,290

his own patients that he'd homeopathic

347

00:15:25,670 --> 00:15:23,070

immunization asked the parents how how

348

00:15:27,260 --> 00:15:25,680

did their child fair didn't bother to

349

00:15:29,090 --> 00:15:27,270

find whether that had conventional

350

00:15:31,550 --> 00:15:29,100

immunization as well as you sent me a

351
00:15:33,500 --> 00:15:31,560
perfect immunization and and anyway came

352
00:15:36,980 --> 00:15:33,510
up with a ninety percent success rate

353
00:15:40,040 --> 00:15:36,990
upon the preparation which yeah totally

354
00:15:42,170 --> 00:15:40,050
lacked credibility I think he was made

355
00:15:44,329 --> 00:15:42,180
to put in here say in his summary which

356
00:15:46,579 --> 00:15:44,339
is available on our infants University

357
00:15:49,430 --> 00:15:46,589
website that result had no statistical

358
00:15:53,390 --> 00:15:49,440
significance men haven't stopped over

359
00:15:56,180 --> 00:15:53,400
him or Fran Sheffield or many others who

360
00:15:59,170 --> 00:15:56,190
believed in homeopathic immunization

361
00:16:01,760 --> 00:15:59,180
which are obviously is very dangerous

362
00:16:03,980 --> 00:16:01,770
absolutely and it's it's a very good

363
00:16:06,590 --> 00:16:03,990

thing indeed that this has been brought

364

00:16:10,250 --> 00:16:06,600

to the wider attention especially in the

365

00:16:13,130 --> 00:16:10,260

mainstream press and I I frankly I think

366

00:16:14,420 --> 00:16:13,140

the more people who know what we call

367

00:16:16,310 --> 00:16:14,430

home me up with these dirty little

368

00:16:18,949 --> 00:16:16,320

secret that is that there is no

369

00:16:21,800 --> 00:16:18,959

ingredients in in the in the pills

370

00:16:23,300 --> 00:16:21,810

themselves the better and but a lot of

371

00:16:25,130 --> 00:16:23,310

people still don't get it don't

372

00:16:27,320 --> 00:16:25,140

understand it and we'll assume that

373

00:16:30,260 --> 00:16:27,330

there's something in it something herbal

374

00:16:32,480 --> 00:16:30,270

or whatever but I'm fascinated by the

375

00:16:33,980 --> 00:16:32,490

unholy alliance here the unholy link

376

00:16:34,820 --> 00:16:33,990

between the homeopaths and the

377

00:16:37,730 --> 00:16:34,830

anti-vaccination

378

00:16:40,640 --> 00:16:37,740

Brigade it's it's it's it's a quite

379

00:16:43,370 --> 00:16:40,650

frightening really well again when you

380

00:16:46,940 --> 00:16:43,380

talk to these people are reasons come

381

00:16:48,380 --> 00:16:46,950

out for example home the chap whose name

382

00:16:51,190 --> 00:16:48,390

escapes me at the moment you've got the

383

00:16:54,200 --> 00:16:51,200

PhD and and who is pushing homeopathic

384

00:16:56,780 --> 00:16:54,210

immunization had a problem with his

385

00:16:58,760 --> 00:16:56,790

child reaction to vaccines which which

386

00:17:00,950 --> 00:16:58,770

happened regrettably arm serious ones

387

00:17:04,790 --> 00:17:00,960

are very uncommon but again they do

388

00:17:07,130 --> 00:17:04,800

happen and often these people have

389

00:17:10,310 --> 00:17:07,140

either had direct experience or no

390

00:17:12,860 --> 00:17:10,320

family members that you know had several

391

00:17:16,820 --> 00:17:12,870

reactions or aching limbs or whatever

392

00:17:20,810 --> 00:17:16,830

and so there's often some there's some

393

00:17:23,540 --> 00:17:20,820

rationale in in there look for what they

394

00:17:25,910 --> 00:17:23,550

believe in a safer alternative enough no

395

00:17:28,070 --> 00:17:25,920

doubt let [h__h] opportunity safer got

396

00:17:30,890 --> 00:17:28,080

nothing in a parity not going to give

397

00:17:34,790 --> 00:17:30,900

you several reactions or sore arms um

398

00:17:38,600 --> 00:17:34,800

but of course it's not effective term

399

00:17:39,920 --> 00:17:38,610

and you know that does leave the

400

00:17:42,410 --> 00:17:39,930

children that are immunized you know

401
00:17:45,710 --> 00:17:42,420
susceptible to childhood diseases which

402
00:17:48,530 --> 00:17:45,720
is still you know can kill name when I'm

403
00:17:50,750 --> 00:17:48,540
old enough to remember the infectious

404
00:17:53,240 --> 00:17:50,760
disease wards at Fairfield hospital

405
00:17:55,010 --> 00:17:53,250
where we had children in iron lung after

406
00:17:56,450 --> 00:17:55,020
polio epidemic switch it be totally

407
00:18:00,050 --> 00:17:56,460
eliminated you know by polio

408
00:18:03,890 --> 00:18:00,060
immunization unfortunately people don't

409
00:18:06,080 --> 00:18:03,900
see this young parents they don't know

410
00:18:07,700 --> 00:18:06,090
their history they don't see the

411
00:18:09,860 --> 00:18:07,710
problems of infectious disease which

412
00:18:13,180 --> 00:18:09,870
have been successfully eliminated by

413
00:18:17,570 --> 00:18:13,190

immunization and often overreact to

414

00:18:21,020 --> 00:18:17,580

scare stories of bowel reactions and and

415

00:18:26,030 --> 00:18:21,030

sore arms other things so it's it is

416

00:18:27,530 --> 00:18:26,040

interesting um there's also being you

417

00:18:31,010 --> 00:18:27,540

know it's an interesting debate about

418

00:18:33,110 --> 00:18:31,020

how this to address some and think there

419

00:18:37,250 --> 00:18:33,120

was a interesting article i think in

420

00:18:39,710 --> 00:18:37,260

vaccine Journal recently in which people

421

00:18:42,860 --> 00:18:39,720

had gone through and looked at i think

422

00:18:45,050 --> 00:18:42,870

an online discussion between the anti

423

00:18:48,140 --> 00:18:45,060

vaccinators and some poor public health

424

00:18:51,020 --> 00:18:48,150

people trying to give a voice of reason

425

00:18:53,420 --> 00:18:51,030

and came up with some sensible and very

426

00:18:55,730 --> 00:18:53,430

good information but you know one one

427

00:18:57,740 --> 00:18:55,740

should admit that yes there are problems

428

00:19:00,440 --> 00:18:57,750

with conventional immunization that's

429

00:19:02,780 --> 00:19:00,450

why we want no fault compensation home

430

00:19:05,750 --> 00:19:02,790

and you deal and have I think we're

431

00:19:08,870 --> 00:19:05,760

going to get with the Disability Act

432

00:19:10,880 --> 00:19:08,880

it's going through so we've got to

433

00:19:12,890 --> 00:19:10,890

accept it very really there will be

434

00:19:14,870 --> 00:19:12,900

problems and we should earn that and we

435

00:19:17,360 --> 00:19:14,880

should give another it's being done not

436

00:19:19,760 --> 00:19:17,370

for just the patient's point of view but

437

00:19:23,660 --> 00:19:19,770

for the communities point of view we

438

00:19:25,040 --> 00:19:23,670

should be open and occasionally toward

439

00:19:27,680 --> 00:19:25,050

thing that happened and it is a

440

00:19:30,770 --> 00:19:27,690

responsibility of the state to look

441

00:19:32,810 --> 00:19:30,780

after people affect that does happen but

442

00:19:35,390 --> 00:19:32,820

it was a that's exceptionally rare and

443

00:19:38,240 --> 00:19:35,400

it needs to be pointed out you know

444

00:19:40,100 --> 00:19:38,250

these are very real good that I mean

445

00:19:43,580 --> 00:19:40,110

lration have done the fact that the

446

00:19:45,890 --> 00:19:43,590

benefits just completely outweigh the

447

00:19:49,040 --> 00:19:45,900

risks by mega tubes of hundreds of

448

00:19:51,830 --> 00:19:49,050

thousands and just remind people and

449

00:19:55,000 --> 00:19:51,840

what infectious disease avila texts used

450

00:19:57,460 --> 00:19:55,010

to be before before immunizations and

451

00:19:59,930 --> 00:19:57,470

again you know treat these people

452

00:20:02,060 --> 00:19:59,940

seriously but sympathetically not just

453

00:20:04,280 --> 00:20:02,070

pull them crooks and charlatans Isis

454

00:20:08,990 --> 00:20:04,290

they are openly either personal history

455

00:20:12,050 --> 00:20:09,000

as to why they're anti-vaccination they

456

00:20:13,010 --> 00:20:12,060

there's often some more logically and

457

00:20:15,880 --> 00:20:13,020

it's a matter of trying to be

458

00:20:19,580 --> 00:20:15,890

sympathetic with that but nevertheless

459

00:20:21,170 --> 00:20:19,590

vigorously and conveying what is

460

00:20:23,510 --> 00:20:21,180

complete craziness when they start

461

00:20:25,760 --> 00:20:23,520

saying that the homeopathic immunization

462

00:20:27,830 --> 00:20:25,770

should replace conventional immunization

463

00:20:29,720 --> 00:20:27,840

that's right it's being battled

464

00:20:32,510 --> 00:20:29,730

interesting very interesting sort of

465

00:20:34,520 --> 00:20:32,520

public health problem shall just how to

466

00:20:37,070 --> 00:20:34,530

counter this stuff well it's no secret

467

00:20:39,140 --> 00:20:37,080

of course the the medical profession and

468

00:20:41,870 --> 00:20:39,150

science in general doesn't hide the fact

469

00:20:44,270 --> 00:20:41,880

that there are adverse reactions to

470

00:20:46,250 --> 00:20:44,280

vaccinations there they are very rare as

471

00:20:48,860 --> 00:20:46,260

you say but we're not sweeping them

472

00:20:52,220 --> 00:20:48,870

under the carpet which is interesting

473

00:20:54,470 --> 00:20:52,230

because the term the phrase safe and

474

00:20:56,810 --> 00:20:54,480

effective is used a lot and you can

475

00:20:58,730 --> 00:20:56,820

understand why why it's being used we

476
00:21:01,250 --> 00:20:58,740
could say the same things for seatbelts

477
00:21:02,000 --> 00:21:01,260
seatbelts are safe and effective every

478
00:21:04,040 --> 00:21:02,010
now and then how

479
00:21:06,500 --> 00:21:04,050
whether it's possible that someone could

480
00:21:08,390 --> 00:21:06,510
get injured by the fact that they are

481
00:21:10,010 --> 00:21:08,400
wearing a seat belt and the nature of

482
00:21:12,290 --> 00:21:10,020
the collision but of course the

483
00:21:14,780 --> 00:21:12,300
anti-vaccination Brigade will pick up on

484
00:21:22,130 --> 00:21:14,790
the term safe and effective and use it

485
00:21:25,610 --> 00:21:22,140
to its extreme only do they do that as I

486
00:21:30,130 --> 00:21:25,620
often there is some personal story that

487
00:21:34,760 --> 00:21:30,140
sort of counts that that sort of miss

488
00:21:37,280 --> 00:21:34,770

representation of the evidence and we

489

00:21:39,500 --> 00:21:37,290

know that you know one first I mean even

490

00:21:41,960 --> 00:21:39,510

even with legal profession I've heard my

491

00:21:43,640 --> 00:21:41,970

colleagues say my god you know the

492

00:21:47,720 --> 00:21:43,650

patient died when I did then I'll never

493

00:21:49,130 --> 00:21:47,730

do it again even though insects if you

494

00:21:51,230 --> 00:21:49,140

look at the statistics or what they were

495

00:21:53,720 --> 00:21:51,240

doing and you look better to what they

496

00:21:55,460 --> 00:21:53,730

were doing that it's an unreasonable

497

00:21:56,510 --> 00:21:55,470

reaction but it's a very human one yeah

498

00:21:58,670 --> 00:21:56,520

and I think this is a lot of the

499

00:22:00,500 --> 00:21:58,680

problems we're dealing with I think

500

00:22:03,700 --> 00:22:00,510

you're absolutely right of course a lot

501
00:22:06,650 --> 00:22:03,710
of people who have become converts

502
00:22:09,200 --> 00:22:06,660
converted we might say to these sort of

503
00:22:11,840 --> 00:22:09,210
things like homeopathy have been wooed

504
00:22:14,980 --> 00:22:11,850
over because of personal tragedy may be

505
00:22:18,680 --> 00:22:14,990
in in their own history but what I would

506
00:22:21,110 --> 00:22:18,690
ask you now is what can our listeners do

507
00:22:26,380 --> 00:22:21,120
to aid our cause in in this sort of

508
00:22:29,480 --> 00:22:26,390
battle well clearly at a personal level

509
00:22:31,640 --> 00:22:29,490
one needs to get facts about

510
00:22:33,950 --> 00:22:31,650
immunization the risks and the benefits

511
00:22:37,300 --> 00:22:33,960
and make sure that one of those children

512
00:22:40,580 --> 00:22:37,310
and ones grandparents are immunized

513
00:22:42,650 --> 00:22:40,590

appropriately as I say it's it's still

514

00:22:44,600 --> 00:22:42,660

probably the most valuable public health

515

00:22:47,840 --> 00:22:44,610

intervention we do have in terms of

516

00:22:49,520 --> 00:22:47,850

preventing disease often be although in

517

00:22:52,400 --> 00:22:49,530

the grandparents to get about this that

518

00:22:54,860 --> 00:22:52,410

very they may become susceptible to

519

00:22:57,260 --> 00:22:54,870

friends or in the manor and the friends

520

00:22:59,240 --> 00:22:57,270

of exclamation and the overlay use is

521

00:23:04,340 --> 00:22:59,250

very good just as childhood immunization

522

00:23:06,890 --> 00:23:04,350

is crucial so you know understand what's

523

00:23:10,250 --> 00:23:06,900

there make sure that your boosters are

524

00:23:14,870 --> 00:23:10,260

up to date and if you do have been

525

00:23:15,650 --> 00:23:14,880

indeed I did have a relative who was a

526

00:23:17,900 --> 00:23:15,660

bit

527

00:23:22,280 --> 00:23:17,910

used by the anti-vaccination people

528

00:23:24,200 --> 00:23:22,290

while crickets in a Steiner school which

529

00:23:26,030 --> 00:23:24,210

is unreasonable but a lot of appearance

530

00:23:29,750 --> 00:23:26,040

where anti-vaccination a lot of the

531

00:23:32,440 --> 00:23:29,760

mothers were again it's just a matter of

532

00:23:35,210 --> 00:23:32,450

trying to give them the facts and also

533

00:23:36,860 --> 00:23:35,220

reminding them of what infectious

534

00:23:39,170 --> 00:23:36,870

disease if I like of what we've been

535

00:23:41,750 --> 00:23:39,180

cough is like if your child gets it's a

536

00:23:44,300 --> 00:23:41,760

very very distressing and uncertainties

537

00:23:46,790 --> 00:23:44,310

again kind of a problem is that the

538

00:23:49,250 --> 00:23:46,800

current generation of mothers haven't

539

00:23:52,070 --> 00:23:49,260

seen infectious diseases and therefore

540

00:23:54,050 --> 00:23:52,080

it's easy to fill them to distort their

541

00:23:57,020 --> 00:23:54,060

judgment of risk benefits because they

542

00:23:58,100 --> 00:23:57,030

don't see the risks occasionally I'll

543

00:24:00,680 --> 00:23:58,110

sorry that is that we can see the

544

00:24:03,500 --> 00:24:00,690

benefits and occasionally as I say they

545

00:24:05,840 --> 00:24:03,510

hear from their friends others the risks

546

00:24:07,640 --> 00:24:05,850

so yeah we just got to keep that story

547

00:24:09,850 --> 00:24:07,650

out there and I mean it's ironic that

548

00:24:12,350 --> 00:24:09,860

the more successful we've become with

549

00:24:15,110 --> 00:24:12,360

immunization and decreasing Charles

550

00:24:17,510 --> 00:24:15,120

infectious diseases the harder it is to

551

00:24:20,390 --> 00:24:17,520

actually convince people but it's still

552

00:24:22,880 --> 00:24:20,400

absolutely crucial absolutely John for

553

00:24:24,850 --> 00:24:22,890

all of us that is job brawlers well dr.

554

00:24:28,280 --> 00:24:24,860

ken harvey thank you very much for your

555

00:24:32,360 --> 00:24:28,290

continuing efforts and let's hope let's

556

00:24:35,900 --> 00:24:32,370

hope that the homeopathy plus website

557

00:24:38,450 --> 00:24:35,910

our toe the line I think there's going

558

00:24:40,850 --> 00:24:38,460

to be another chapter in this story so

559

00:24:42,380 --> 00:24:40,860

we will wait in anticipation to see what

560

00:24:55,470 --> 00:24:42,390

friendship bill is going to come up with

561

00:24:55,480 --> 00:25:03,680

in a world where the truth is a matter

562

00:25:11,539 --> 00:25:06,950

your messages are a scene for beyond the

563

00:25:17,610 --> 00:25:14,869

and reason is sidelined for magical

564

00:25:26,970 --> 00:25:19,920

oh please read their stand between the

565

00:25:28,290 --> 00:25:26,980

truth what date is it 787 thing this is

566

00:25:29,460 --> 00:25:28,300

impressive it's these artists

567

00:25:31,490 --> 00:25:29,470

impressions they're not their

568

00:25:34,680 --> 00:25:31,500

photographs of Chinese anthem it's not

569

00:25:36,510 --> 00:25:34,690

we are not well received good god we're

570

00:25:38,430 --> 00:25:36,520

fully don't discuss cryptozoology on the

571

00:25:40,470 --> 00:25:38,440

show very often because we don't know

572

00:25:42,270 --> 00:25:40,480

anything about how the truth the price

573

00:25:44,190 --> 00:25:42,280

gets lower and lower and lower and then

574

00:25:48,750 --> 00:25:44,200

he hits a ceiling it's a ceiling for the

575

00:25:50,940 --> 00:25:48,760

room below skeptic to the cave and Moses

576

00:25:58,650 --> 00:25:50,950

has gifted society find us on iTunes or

577

00:26:03,710 --> 00:25:58,660

you know don't now it's time for dr.

578

00:26:08,910 --> 00:26:06,240

hello listeners and welcome to dr.

579

00:26:10,919 --> 00:26:08,920

Reggie reports well there has been some

580

00:26:12,900 --> 00:26:10,929

big news in Australia recently regarding

581

00:26:15,080 --> 00:26:12,910

the funding and regulation of

582

00:26:17,640 --> 00:26:15,090

complementary and alternative medicine

583

00:26:19,680 --> 00:26:17,650

the Australian government has decided to

584

00:26:22,260 --> 00:26:19,690

make several important changes which

585

00:26:24,480 --> 00:26:22,270

will mean CAMs are less funded in

586

00:26:26,430 --> 00:26:24,490

Australia and it's going to be stricter

587

00:26:28,680 --> 00:26:26,440

to actually get them on the government

588

00:26:30,930 --> 00:26:28,690

list the budget will be announced on

589

00:26:33,000 --> 00:26:30,940

Tuesday in this country and the

590

00:26:34,830 --> 00:26:33,010

government is keen to keep it in surplus

591

00:26:38,040 --> 00:26:34,840

meaning they're looking for cuts

592

00:26:39,890 --> 00:26:38,050

anywhere they possibly can one of the

593

00:26:42,480 --> 00:26:39,900

things I've now decided to look at is

594

00:26:45,480 --> 00:26:42,490

private healthcare funding of natural

595

00:26:47,280 --> 00:26:45,490

therapies now in Australia the

596

00:26:49,620 --> 00:26:47,290

government doesn't directly pay for the

597

00:26:52,410 --> 00:26:49,630

funding of cam but if you have private

598

00:26:54,090 --> 00:26:52,420

health insurance they do rebate up to

599

00:26:56,250 --> 00:26:54,100

about thirty percent of the cost from

600

00:26:58,680 --> 00:26:56,260

that the government will be targeting

601
00:27:00,840 --> 00:26:58,690
things such as aromatherapy ear candling

602
00:27:04,350 --> 00:27:00,850
crystal therapy flower essences

603
00:27:06,960 --> 00:27:04,360
homeopathy iridology kinesiology Reiki

604
00:27:09,180 --> 00:27:06,970
and rohlhing now apparently each year

605
00:27:12,299 --> 00:27:09,190
private health companies pay out about

606
00:27:14,310 --> 00:27:12,309
90 million dollars to natural therapists

607
00:27:17,160 --> 00:27:14,320
and then the government pays back them

608
00:27:19,440 --> 00:27:17,170
about 30 million dollars so if this goes

609
00:27:21,510 --> 00:27:19,450
through it's going to cut off a revenue

610
00:27:24,000 --> 00:27:21,520
stream of about 90 million dollars to

611
00:27:25,260 --> 00:27:24,010
alternative health practitioners and 30

612
00:27:26,940 --> 00:27:25,270
million dollars saving for the

613
00:27:29,250 --> 00:27:26,950

government but what I find interesting

614

00:27:30,990 --> 00:27:29,260

is what they consider mainstream natural

615

00:27:33,510 --> 00:27:31,000

therapies which will be unaffected

616

00:27:36,720 --> 00:27:33,520

they list hear things like acupuncture

617

00:27:40,200 --> 00:27:36,730

audiology chiropractic occupational

618

00:27:43,080 --> 00:27:40,210

therapy physiotherapy and podiatry now I

619

00:27:45,830 --> 00:27:43,090

wouldn't have put physiotherapy podiatry

620

00:27:48,960 --> 00:27:45,840

occupational therapy in the same list as

621

00:27:50,760 --> 00:27:48,970

acupuncture and chiropractic and you'll

622

00:27:52,470 --> 00:27:50,770

also note listeners that chiropractic is

623

00:27:55,260 --> 00:27:52,480

not being targeted in this round of

624

00:27:57,930 --> 00:27:55,270

funding cuts however maybe it will be on

625

00:28:00,180 --> 00:27:57,940

the list next time so this is really a

626

00:28:02,100 --> 00:28:00,190

good move and a very good first step by

627

00:28:04,020 --> 00:28:02,110

the Australian Government because the

628

00:28:06,060 --> 00:28:04,030

belief has been just the fact that the

629

00:28:08,070 --> 00:28:06,070

government funds this stuff even though

630

00:28:10,830 --> 00:28:08,080

they only fund it to thirty percent it

631

00:28:13,440 --> 00:28:10,840

then lends it legitimacy and therefore

632

00:28:15,510 --> 00:28:13,450

people think it works so one of the

633

00:28:18,060 --> 00:28:15,520

arguments that can people often use is

634

00:28:20,160 --> 00:28:18,070

well why it doesn't chiropractic work it

635

00:28:22,560 --> 00:28:20,170

must work because you can get a rebate

636

00:28:23,970 --> 00:28:22,570

through your health fund so at least now

637

00:28:26,250 --> 00:28:23,980

they won't be able to say this for

638

00:28:28,020 --> 00:28:26,260

aromatherapy ear candling crystal

639

00:28:31,800 --> 00:28:28,030

therapy flower essences and homeopathy

640

00:28:33,570 --> 00:28:31,810

as if they ever worked anyway personally

641

00:28:35,400 --> 00:28:33,580

I'm very pleased to see that ear

642

00:28:38,700 --> 00:28:35,410

candling will no longer be funded by the

643

00:28:41,550 --> 00:28:38,710

government and also homeopathy so also

644

00:28:44,550 --> 00:28:41,560

on cam more news in Australia about the

645

00:28:46,950 --> 00:28:44,560

way that cam is regulated now in this

646

00:28:48,690 --> 00:28:46,960

country we have two streams of drugs

647

00:28:51,450 --> 00:28:48,700

that are on the government list of drugs

648

00:28:54,410 --> 00:28:51,460

there is one called registered and these

649

00:28:58,080 --> 00:28:54,420

include things like pharmaceutical drugs

650

00:29:00,120 --> 00:28:58,090

antibiotics vaccines anything that for

651
00:29:02,790 --> 00:29:00,130
which has had to go through strict

652
00:29:05,550 --> 00:29:02,800
clinical trials and development before

653
00:29:08,430 --> 00:29:05,560
it can be registered so basically this

654
00:29:11,640 --> 00:29:08,440
is drugs that work then we have a stream

655
00:29:14,730 --> 00:29:11,650
of medicines or therapy is called listed

656
00:29:18,650 --> 00:29:14,740
so they include things like supplements

657
00:29:23,490 --> 00:29:18,660
complementary therapies cough medicine

658
00:29:26,730 --> 00:29:23,500
vitamins some bark flower remedies ear

659
00:29:29,280 --> 00:29:26,740
candles are also on that list yay now

660
00:29:30,420 --> 00:29:29,290
late last year the government did or for

661
00:29:32,940 --> 00:29:30,430
the last couple of years actually

662
00:29:34,770 --> 00:29:32,950
they've been doing a transparency review

663
00:29:36,420 --> 00:29:34,780

in the into the way that our drug

664

00:29:39,950 --> 00:29:36,430

regulator works and they're called the

665

00:29:42,960 --> 00:29:39,960

TGA and part of the outcomes from that

666

00:29:44,340 --> 00:29:42,970

transparency review was that there is a

667

00:29:46,200 --> 00:29:44,350

section in that

668

00:29:48,810 --> 00:29:46,210

website where you can actually put in

669

00:29:50,400 --> 00:29:48,820

free text and this seemed to be an area

670

00:29:52,590 --> 00:29:50,410

where a lot of people were putting stuff

671

00:29:55,500 --> 00:29:52,600

that perhaps wasn't true and perhaps

672

00:29:58,110 --> 00:29:55,510

couldn't be supported by evidence and

673

00:30:00,960 --> 00:29:58,120

previously in support of a listed

674

00:30:03,900 --> 00:30:00,970

product you could offer an expert report

675

00:30:06,299 --> 00:30:03,910

from an expert so you could say that the

676
00:30:09,720 --> 00:30:06,309
evidence to support my product is that

677
00:30:12,029 --> 00:30:09,730
expert blah blah says that it works now

678
00:30:15,299 --> 00:30:12,039
previously there's been no definition by

679
00:30:17,789 --> 00:30:15,309
the TGA our drug regulator of what

680
00:30:20,430 --> 00:30:17,799
constitutes an expert and so this is

681
00:30:23,370 --> 00:30:20,440
about to change they have now drafted

682
00:30:25,770 --> 00:30:23,380
rules specifying how an expert report

683
00:30:28,710 --> 00:30:25,780
can be completed and also who qualifies

684
00:30:30,690 --> 00:30:28,720
as an expert and also what types of

685
00:30:32,580 --> 00:30:30,700
drugs they can assess for a

686
00:30:35,370 --> 00:30:32,590
complementary product to get listed on

687
00:30:38,010 --> 00:30:35,380
the government list so according to the

688
00:30:40,649 --> 00:30:38,020

draft paper an expert must have a

689

00:30:42,960 --> 00:30:40,659

three-year health related degree plus

690

00:30:45,720 --> 00:30:42,970

either five years experience as a

691

00:30:49,590 --> 00:30:45,730

practitioner researcher or advisor or

692

00:30:51,299 --> 00:30:49,600

must have a PhD in a related field now

693

00:30:53,070 --> 00:30:51,309

this of course is going to seriously

694

00:30:55,740 --> 00:30:53,080

limit the amount of people that can

695

00:30:58,680 --> 00:30:55,750

write reports as an expert for

696

00:31:01,110 --> 00:30:58,690

supporting camp products and this means

697

00:31:03,779 --> 00:31:01,120

that the can proponents are very unhappy

698

00:31:05,460 --> 00:31:03,789

in fact the head of the complementary

699

00:31:08,310 --> 00:31:05,470

health care council said the proposed

700

00:31:11,880 --> 00:31:08,320

rules were very worrying and if adopted

701
00:31:13,860 --> 00:31:11,890
would kill off the industry basically

702
00:31:16,140 --> 00:31:13,870
they said they won't be able to find

703
00:31:17,880 --> 00:31:16,150
people to write these reports and even

704
00:31:20,310 --> 00:31:17,890
if they could they'd have to pay them

705
00:31:22,799 --> 00:31:20,320
and they couldn't afford to do that she

706
00:31:24,539 --> 00:31:22,809
says that for larger companies who are

707
00:31:26,250 --> 00:31:24,549
forced to back the efficacy of their

708
00:31:28,470 --> 00:31:26,260
products they might be able to afford it

709
00:31:30,860 --> 00:31:28,480
but smaller companies would struggle to

710
00:31:34,409 --> 00:31:30,870
be able to afford to pay an expert

711
00:31:36,810 --> 00:31:34,419
diddams the TGA is actually taking

712
00:31:38,730 --> 00:31:36,820
submissions on these guidelines so you

713
00:31:41,279 --> 00:31:38,740

can actually write in and make comment

714

00:31:43,080 --> 00:31:41,289

now the cam industry has really got us

715

00:31:44,760 --> 00:31:43,090

back up about this and I know that they

716

00:31:46,440 --> 00:31:44,770

have already made appointments to go and

717

00:31:49,020 --> 00:31:46,450

visit the minister to put their case

718

00:31:50,880 --> 00:31:49,030

forward because they don't want to have

719

00:31:55,049 --> 00:31:50,890

to pay for experts and even if they did

720

00:31:57,510 --> 00:31:55,059

the real issue here is would an expert

721

00:31:58,290 --> 00:31:57,520

right in support of their products I

722

00:32:00,840 --> 00:31:58,300

mean many

723

00:32:03,330 --> 00:32:00,850

these listed medicines do not have

724

00:32:06,390 --> 00:32:03,340

efficacy and so they'd have to try and

725

00:32:08,820 --> 00:32:06,400

find an expert that would say that it

726

00:32:10,680 --> 00:32:08,830

worked if it didn't work the only thing

727

00:32:13,620 --> 00:32:10,690

I can see that might be potentially bad

728

00:32:16,500 --> 00:32:13,630

about this idea is that it does open the

729

00:32:19,380 --> 00:32:16,510

door for experts that qualify in terms

730

00:32:21,690 --> 00:32:19,390

of these criteria however may not

731

00:32:23,190 --> 00:32:21,700

necessarily be evidence-based for

732

00:32:25,140 --> 00:32:23,200

example a chiropractor has a

733

00:32:26,670 --> 00:32:25,150

health-related degree and if they have

734

00:32:28,770 --> 00:32:26,680

worked in chiropractic for more than

735

00:32:32,250 --> 00:32:28,780

five years they would be considered an

736

00:32:34,590 --> 00:32:32,260

expert for example isaac golden who's a

737

00:32:36,900 --> 00:32:34,600

very famous homeopath in australia in

738

00:32:39,330 --> 00:32:36,910

particular for citing the cuban study

739

00:32:41,580 --> 00:32:39,340

all the time as evidence for the fact

740

00:32:43,530 --> 00:32:41,590

that homeopathy works well he actually

741

00:32:45,810 --> 00:32:43,540

has a PhD from the Royal Melbourne

742

00:32:47,910 --> 00:32:45,820

Institute of Technology but I think in

743

00:32:49,770 --> 00:32:47,920

the most part this is going to create a

744

00:32:52,380 --> 00:32:49,780

huge headache for the complementary

745

00:32:54,090 --> 00:32:52,390

medicine industry and as reflected on by

746

00:32:56,070 --> 00:32:54,100

the head of the complementary health

747

00:32:58,880 --> 00:32:56,080

care council this might kill off the

748

00:33:00,870 --> 00:32:58,890

industry well we'll see what happens

749

00:33:02,970 --> 00:33:00,880

submissions are being taken until the

750

00:33:05,490 --> 00:33:02,980

twenty fifth of may and in the history

751

00:33:07,290 --> 00:33:05,500

of the TGA they tend to put forward

752

00:33:09,900 --> 00:33:07,300

these proposals but they don't tend to

753

00:33:12,150 --> 00:33:09,910

often follow them up as was evidenced by

754

00:33:14,310 --> 00:33:12,160

the huge report they did into increasing

755

00:33:16,380 --> 00:33:14,320

transparency of their activities and

756

00:33:18,030 --> 00:33:16,390

then much of the recommendations that

757

00:33:20,250 --> 00:33:18,040

were made in that report they didn't

758

00:33:22,020 --> 00:33:20,260

endorse and they didn't take up so we'll

759

00:33:25,170 --> 00:33:22,030

have to wait and see but in any case

760

00:33:27,150 --> 00:33:25,180

this is a very good news for public

761

00:33:31,200 --> 00:33:27,160

health and protection of the public and

762

00:33:33,510 --> 00:33:31,210

also increasing regulation of therapies

763

00:33:38,560 --> 00:33:33,520

that probably don't work and until next

764

00:33:44,150 --> 00:33:41,360

dr. Rachel Dunlop is one of Australia's

765

00:33:45,549 --> 00:33:44,160

foremost media commentators in matters

766

00:33:48,110 --> 00:33:45,559

concerning so-called alternative

767

00:33:51,890 --> 00:33:48,120

medicine she has appeared on national

768

00:33:54,200 --> 00:33:51,900

radio and national television dr. AG is

769

00:33:58,160 --> 00:33:54,210

available for interviews and you can

770

00:34:07,490 --> 00:33:58,170

contact her at Rachel at skeptic zone

771

00:34:11,619 --> 00:34:07,500

dot TV hey Kenny oh hi Tom my status

772

00:34:14,030 --> 00:34:11,629

Park yeah yes 8 weather unlock a unicorn

773

00:34:17,210 --> 00:34:14,040

unicorn there are no such things as

774

00:34:19,430 --> 00:34:17,220

unicorns silly yes there is no there

775

00:34:22,580 --> 00:34:19,440

isn't hey guys what are you arguing

776

00:34:25,250 --> 00:34:22,590

about tom thinks unicorns are real think

777

00:34:28,010 --> 00:34:25,260

so our let's look us up in the skeptics

778

00:34:30,139 --> 00:34:28,020

dictionary the what how can we do this

779

00:34:31,790 --> 00:34:30,149

in this park there is the computer here

780

00:34:33,889 --> 00:34:31,800

you guys probably don't know about the

781

00:34:36,770 --> 00:34:33,899

skeptics dictionary app available now

782

00:34:40,250 --> 00:34:36,780

for iPhone iPad and iPod touch in the

783

00:34:42,110 --> 00:34:40,260

app store Wow cool the app lets you

784

00:34:43,820 --> 00:34:42,120

access all of the great skeptics

785

00:34:46,850 --> 00:34:43,830

dictionary articles when you're on the

786

00:34:49,760 --> 00:34:46,860

go here let me look up unicorns sound

787

00:34:52,070 --> 00:34:49,770

cool Kenny prepare to be proven wrong it

788

00:34:55,850 --> 00:34:52,080

says here the Unicorn is a creature from

789

00:34:57,350 --> 00:34:55,860

fales aha actually I see now that

790

00:35:00,140 --> 00:34:57,360

someone just dumped their ice cream cone

791

00:35:05,020 --> 00:35:00,150

on that horse's head thanks skeptics

792

00:35:12,910 --> 00:35:09,710

here's Maynard spooky action at a

793

00:35:16,300 --> 00:35:15,040

I'm just in a small corridor with

794

00:35:18,490 --> 00:35:16,310

someone who's had a very interesting

795

00:35:21,190 --> 00:35:18,500

scientific adventure recently who have

796

00:35:22,570 --> 00:35:21,200

we here my name's Ian Bryce I'm the

797

00:35:24,660 --> 00:35:22,580

chief investigator with Australian

798

00:35:27,250 --> 00:35:24,670

skeptics and you've been to look at a

799

00:35:28,840 --> 00:35:27,260

cold fusion devices what it used to be

800

00:35:30,880 --> 00:35:28,850

cool but it's called something else now

801
00:35:33,550 --> 00:35:30,890
yes these days it's low energy nuclear

802
00:35:35,440 --> 00:35:33,560
reactions but it's really the same thing

803
00:35:37,420 --> 00:35:35,450
now is it an example of any of them

804
00:35:39,070 --> 00:35:37,430
working anywhere even in the lab even in

805
00:35:41,680 --> 00:35:39,080
some CERN device even in a nuclear

806
00:35:42,970 --> 00:35:41,690
reactor there are many many claims of

807
00:35:44,710 --> 00:35:42,980
them working there's quite a group of

808
00:35:47,020 --> 00:35:44,720
scientists basically on the fringe of

809
00:35:49,270 --> 00:35:47,030
the academic community who claim to have

810
00:35:51,160 --> 00:35:49,280
achieved it but none of these have

811
00:35:52,990 --> 00:35:51,170
really been verified or reproduced by

812
00:35:54,520 --> 00:35:53,000
other people so they had noticed

813
00:35:55,840 --> 00:35:54,530

scientists are saying that there's no

814

00:35:57,940 --> 00:35:55,850

evidence for it at all that's all the

815

00:36:01,510 --> 00:35:57,950

pipe dream so how did you find yourself

816

00:36:03,610 --> 00:36:01,520

in mullum bimby was it well dick smith

817

00:36:06,310 --> 00:36:03,620

was approached to invest in it by an

818

00:36:08,440 --> 00:36:06,320

australian representative and basically

819

00:36:11,020 --> 00:36:08,450

he's been here he's asked to investigate

820

00:36:13,570 --> 00:36:11,030

to invest in many things but in this

821

00:36:16,390 --> 00:36:13,580

case they had scientists saying that it

822

00:36:17,800 --> 00:36:16,400

was real and so dick felt that he he

823

00:36:19,360 --> 00:36:17,810

said he would invest if that was the

824

00:36:21,280 --> 00:36:19,370

case but he's caught on Australian

825

00:36:23,470 --> 00:36:21,290

skeptics to look into it so that's why I

826

00:36:25,540 --> 00:36:23,480

was involved and what did you see in the

827

00:36:27,310 --> 00:36:25,550

video and how did you finally work out

828

00:36:31,090 --> 00:36:27,320

the perhaps things weren't quite right

829

00:36:34,210 --> 00:36:31,100

in the video well there's a lot of

830

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

things that didn't look right but the

831

00:36:38,020 --> 00:36:36,290

main one was that on the technical side

832

00:36:39,910 --> 00:36:38,030

we've got this copper device which is

833

00:36:41,890 --> 00:36:39,920

claimed to come to contain the nuclear

834

00:36:43,540 --> 00:36:41,900

reaction and its water going in the

835

00:36:45,640 --> 00:36:43,550

bottom and steam coming at the top and

836

00:36:48,400 --> 00:36:45,650

it's easy to calculate the power that is

837

00:36:50,530 --> 00:36:48,410

producing and is connected to a blue box

838

00:36:52,900 --> 00:36:50,540

which has then got a power lead to the

839

00:36:54,610 --> 00:36:52,910

PowerPoint the power in the poweredge is

840

00:36:56,380 --> 00:36:54,620

being measured was about 300 watts yet

841

00:37:00,070 --> 00:36:56,390

there was about 3,000 watts of steam

842

00:37:02,020 --> 00:37:00,080

coming out so that's why the scientists

843

00:37:03,970 --> 00:37:02,030

they were able to examine every pipe and

844

00:37:05,530 --> 00:37:03,980

every wire on the device couldn't find

845

00:37:07,330 --> 00:37:05,540

any explanation for this excess power

846

00:37:08,680 --> 00:37:07,340

but I felt that it had something to do

847

00:37:10,390 --> 00:37:08,690

with the blue box because the blue box

848

00:37:13,390 --> 00:37:10,400

wasn't really necessary unless it was up

849

00:37:15,010 --> 00:37:13,400

to no good and how did you figure out

850

00:37:16,900 --> 00:37:15,020

what might be one of the possible

851
00:37:18,880 --> 00:37:16,910
answers as to why you were getting a lot

852
00:37:20,740 --> 00:37:18,890
more power out than is going in which I

853
00:37:22,360 --> 00:37:20,750
believe violates a few laws of physics

854
00:37:25,030 --> 00:37:22,370
doesn't it that's right the first law of

855
00:37:27,090 --> 00:37:25,040
thermodynamics says that the power into

856
00:37:29,320 --> 00:37:27,100
something equals the power

857
00:37:30,820 --> 00:37:29,330
conservation of power and in this case

858
00:37:34,090 --> 00:37:30,830
that appeared to have a very large power

859
00:37:35,800 --> 00:37:34,100
gain which indicated to the siders that

860
00:37:37,450 --> 00:37:35,810
there was a real nuclear reaction going

861
00:37:39,040 --> 00:37:37,460
on and I understand that at the end of

862
00:37:40,390 --> 00:37:39,050
it they took the water down the drain as

863
00:37:41,980 --> 00:37:40,400

well which if there was a real nuclear

864

00:37:42,910 --> 00:37:41,990

reaction going on that might be

865

00:37:44,230 --> 00:37:42,920

something you want to do in a hurry

866

00:37:46,150 --> 00:37:44,240

that's right it would be classified as

867

00:37:47,830 --> 00:37:46,160

nuclear waste there was another bad sign

868

00:37:50,410 --> 00:37:47,840

now the thing is you're allowed to stand

869

00:37:52,359 --> 00:37:50,420

by it while its operating whereas they

870

00:37:54,040 --> 00:37:52,369

would be something producing all those

871

00:37:56,830 --> 00:37:54,050

kilowatts of power the radiation would

872

00:37:58,480 --> 00:37:56,840

be deadly hmm but what really got me on

873

00:38:02,020 --> 00:37:58,490

to it was our magicians in the skeptics

874

00:38:03,040 --> 00:38:02,030

said that a scientist is usually easy to

875

00:38:04,330 --> 00:38:03,050

fool because he looks for hidden

876

00:38:06,160 --> 00:38:04,340

apparatus and they were no hidden

877

00:38:08,500 --> 00:38:06,170

apparatus in this case it's usually

878

00:38:10,300 --> 00:38:08,510

something in full view that's doing

879

00:38:11,500 --> 00:38:10,310

something you don't expect it so it

880

00:38:13,450 --> 00:38:11,510

actually came to me in the middle of the

881

00:38:16,150 --> 00:38:13,460

night that he was misusing the earth

882

00:38:17,920 --> 00:38:16,160

lead to fun elaine extra power so were

883

00:38:20,980 --> 00:38:17,930

you awake thinking about it we're having

884

00:38:22,720 --> 00:38:20,990

a lucid dream did like some news from

885

00:38:23,890 --> 00:38:22,730

Xanadu come to you I mean how did you

886

00:38:25,960 --> 00:38:23,900

cad you get this idea what were you

887

00:38:28,960 --> 00:38:25,970

doing at that time and i well I was

888

00:38:31,000 --> 00:38:28,970

trying to sleep and I was so half asleep

889

00:38:32,410 --> 00:38:31,010

I wasn't deliberately thinking about it

890

00:38:34,300 --> 00:38:32,420

but I guess another part of my brain was

891

00:38:37,180 --> 00:38:34,310

ticking over and I came to me in a flash

892

00:38:38,950 --> 00:38:37,190

at 353 am so I left out of bed and went

893

00:38:40,780 --> 00:38:38,960

to the computer and reread all of the

894

00:38:42,160 --> 00:38:40,790

test reports to see if there's some

895

00:38:44,620 --> 00:38:42,170

evidence in what the scientists had

896

00:38:46,330 --> 00:38:44,630

observed all the other different 15

897

00:38:47,560 --> 00:38:46,340

scientists it turned out was supporting

898

00:38:49,330 --> 00:38:47,570

saying that there appeared to be

899

00:38:51,670 --> 00:38:49,340

something in it and I found that there's

900

00:38:54,640 --> 00:38:51,680

actually no observation which disproved

901
00:38:57,160 --> 00:38:54,650
my theory so it was a valid hypothesis

902
00:38:58,900 --> 00:38:57,170
so how did it go when you've sent

903
00:39:00,520 --> 00:38:58,910
information to the people that were

904
00:39:02,980 --> 00:39:00,530
there in the room did anyone think that

905
00:39:04,599 --> 00:39:02,990
maybe this was possible well I thought

906
00:39:06,640 --> 00:39:04,609
the scientists would be delighted and

907
00:39:09,040 --> 00:39:06,650
say are we and you've exposed how we

908
00:39:10,240 --> 00:39:09,050
were tricked thank you so much but none

909
00:39:13,150 --> 00:39:10,250
of it because it didn't make them look

910
00:39:16,870 --> 00:39:13,160
too good so the most i got out of them

911
00:39:18,190 --> 00:39:16,880
was a well i suppose it's possible so

912
00:39:21,280 --> 00:39:18,200
what is now what is the state of play

913
00:39:23,620 --> 00:39:21,290

with that low energy fusion device but

914

00:39:26,080 --> 00:39:23,630

when we published out earth wire

915

00:39:28,390 --> 00:39:26,090

hypothesis we originally called it a

916

00:39:29,859 --> 00:39:28,400

possible accident accidental connection

917

00:39:31,750 --> 00:39:29,869

in case it was an accident and dick

918

00:39:33,609 --> 00:39:31,760

smith was being very cautious but since

919

00:39:35,830 --> 00:39:33,619

then the reaction from rossi was so bad

920

00:39:37,880 --> 00:39:35,840

he called us all sorts of sort of names

921

00:39:40,550 --> 00:39:37,890

he calls dick smith the

922

00:39:42,650 --> 00:39:40,560

puppet and me the dick smith the snake i

923

00:39:44,540 --> 00:39:42,660

should say me the puppet snake look you

924

00:39:46,970 --> 00:39:44,550

even called a smelly wombat nearly one

925

00:39:49,310 --> 00:39:46,980

back and Ozzy roadkill that's kind of

926

00:39:51,350 --> 00:39:49,320

cool so that that confirmed to us that

927

00:39:53,000 --> 00:39:51,360

it wasn't genuine because if a rusty was

928

00:39:55,460 --> 00:39:53,010

genuine he'd be in line for a Nobel

929

00:39:57,980 --> 00:39:55,470

Prize not far down the track and I can't

930

00:39:59,900 --> 00:39:57,990

imagine a Nobel Prize winner using terms

931

00:40:02,140 --> 00:39:59,910

like that that confirmed to us that it's

932

00:40:04,550 --> 00:40:02,150

most likely a scam so what has seen

933

00:40:06,200 --> 00:40:04,560

overseas is he getting more investors

934

00:40:09,830 --> 00:40:06,210

overseas is he going forward with it

935

00:40:11,690 --> 00:40:09,840

overseas well he claims that he sold a

936

00:40:13,460 --> 00:40:11,700

number of items but he's unable to name

937

00:40:14,690 --> 00:40:13,470

anyone who's bought one so we suspect he

938

00:40:16,520 --> 00:40:14,700

hasn't sold any because they'd quickly

939

00:40:20,150 --> 00:40:16,530

find out it didn't work but there's a

940

00:40:21,980 --> 00:40:20,160

constant stream of franchisees going to

941

00:40:24,830 --> 00:40:21,990

it people who want to get the rights to

942

00:40:27,170 --> 00:40:24,840

say Australia or the USA or New Zealand

943

00:40:28,850 --> 00:40:27,180

or something and all of these people

944

00:40:30,320 --> 00:40:28,860

hope to make money out of it and I

945

00:40:31,730 --> 00:40:30,330

suspect that some of them don't really

946

00:40:33,350 --> 00:40:31,740

care whether it works or not as long as

947

00:40:35,360 --> 00:40:33,360

they can convince someone else that it

948

00:40:37,850 --> 00:40:35,370

works and that's the COO as their place

949

00:40:39,560 --> 00:40:37,860

in the pyramid now actually speaking of

950

00:40:41,210 --> 00:40:39,570

pyramids you said that whenever like an

951
00:40:43,520 --> 00:40:41,220
extraordinary claim comes forward like

952
00:40:44,930 --> 00:40:43,530
this it's the three-legged stool you

953
00:40:46,700 --> 00:40:44,940
want to explain what that is to people

954
00:40:48,980 --> 00:40:46,710
out there that encounter any claim that

955
00:40:51,080 --> 00:40:48,990
seems a bit unusual yes that's a test I

956
00:40:53,150 --> 00:40:51,090
devised for claims on the edges of

957
00:40:55,430 --> 00:40:53,160
science and I find it very useful for

958
00:40:58,340 --> 00:40:55,440
things that skeptics investigate imagine

959
00:41:00,020 --> 00:40:58,350
as a milking stool jamilka car with

960
00:41:01,690 --> 00:41:00,030
three legs and you sit on it it'll fall

961
00:41:05,540 --> 00:41:01,700
down unless it's got three sound legs

962
00:41:07,580 --> 00:41:05,550
similarly a scientific claim needs three

963
00:41:09,920 --> 00:41:07,590

things to make it sound first one is

964

00:41:11,270 --> 00:41:09,930

that there's a theory the theory doesn't

965

00:41:12,970 --> 00:41:11,280

have to prove it with the theory should

966

00:41:15,140 --> 00:41:12,980

make it at least possible that it works

967

00:41:17,450 --> 00:41:15,150

secondly there should be some

968

00:41:19,100 --> 00:41:17,460

measurements or evidence or observations

969

00:41:21,800 --> 00:41:19,110

that is really actually happening and

970

00:41:23,690 --> 00:41:21,810

thirdly there's the credibility that the

971

00:41:25,910 --> 00:41:23,700

person making the claims should be taken

972

00:41:28,430 --> 00:41:25,920

notice of and if any of these things is

973

00:41:31,070 --> 00:41:28,440

broken a stool falls down in this

974

00:41:32,690 --> 00:41:31,080

particular case I was able to point out

975

00:41:34,340 --> 00:41:32,700

that all three legs were pretty shaky

976

00:41:37,340 --> 00:41:34,350

and therefore I advise dick not to

977

00:41:39,530 --> 00:41:37,350

investigate not to invest in it but in

978

00:41:42,080 --> 00:41:39,540

what about great scientists like Nikola

979

00:41:43,970 --> 00:41:42,090

Tesla now I know some people think of

980

00:41:45,710 --> 00:41:43,980

his fanciful things but he was a genuine

981

00:41:47,810 --> 00:41:45,720

engineer and a scientist who did invent

982

00:41:50,000 --> 00:41:47,820

real things yes isn't that an

983

00:41:51,530 --> 00:41:50,010

interesting case he invented the

984

00:41:53,300 --> 00:41:51,540

alternating current system

985

00:41:55,640 --> 00:41:53,310

of the distributing power which turned

986

00:41:57,650 --> 00:41:55,650

out to be far better than Edison's

987

00:41:59,510 --> 00:41:57,660

direct current method because you can

988

00:42:00,890 --> 00:41:59,520

use transformers detains a voltage so if

989

00:42:02,360 --> 00:42:00,900

you've done the three-legged stool test

990

00:42:04,040 --> 00:42:02,370

on him around about that time he might

991

00:42:07,760 --> 00:42:04,050

have failed one of those tests yes

992

00:42:09,140 --> 00:42:07,770

indeed yes the credibility when he was

993

00:42:10,220 --> 00:42:09,150

evidence with alternating current would

994

00:42:12,500 --> 00:42:10,230

have stood up because he'd have working

995

00:42:15,200 --> 00:42:12,510

devices and sound theory but the

996

00:42:16,610 --> 00:42:15,210

credibility would be in a bit weak which

997

00:42:18,200 --> 00:42:16,620

means you would have had to seek further

998

00:42:21,080 --> 00:42:18,210

evidence before making a conclusion

999

00:42:23,030 --> 00:42:21,090

that's all we would say hmm ok so it is

1000

00:42:24,560 --> 00:42:23,040

possible that an unusual claim could

1001
00:42:27,410 --> 00:42:24,570
sometimes be right you've just got to

1002
00:42:30,410 --> 00:42:27,420
look deeper into it yes indeed if it

1003
00:42:33,050 --> 00:42:30,420
fails a three-legged stool test then you

1004
00:42:34,580 --> 00:42:33,060
should put your conclusions on hold and

1005
00:42:36,920 --> 00:42:34,590
seek further evidence and perhaps wait

1006
00:42:38,720 --> 00:42:36,930
till is replicated in you've harsh tower

1007
00:42:40,040 --> 00:42:38,730
mellow I mean there was this way we

1008
00:42:41,540 --> 00:42:40,050
could have saved the planet we could

1009
00:42:43,790 --> 00:42:41,550
have made a lot more energy out of a

1010
00:42:46,250 --> 00:42:43,800
very little input into it and now you've

1011
00:42:48,500 --> 00:42:46,260
stuffed it up for us I have indeed

1012
00:42:50,600 --> 00:42:48,510
hopefully it means that the real

1013
00:42:53,390 --> 00:42:50,610

investors with real money to invest will

1014

00:42:55,550 --> 00:42:53,400

now go to something genuine something

1015

00:42:57,710 --> 00:42:55,560

like concentrated solar thermal power

1016

00:42:59,600 --> 00:42:57,720

maybe they should build a trial plant in

1017

00:43:00,830 --> 00:42:59,610

New South Wales to actually get us used

1018

00:43:03,800 --> 00:43:00,840

to the idea of something that we're

1019

00:43:05,510 --> 00:43:03,810

going to need pretty soon now people

1020

00:43:07,820 --> 00:43:05,520

believe all sorts of things fall sorts

1021

00:43:09,230 --> 00:43:07,830

of reasons I I believe that I can walk

1022

00:43:11,000 --> 00:43:09,240

into a bar and if people have enough

1023

00:43:13,640 --> 00:43:11,010

drinks they'll go home with me sometimes

1024

00:43:15,320 --> 00:43:13,650

it works sometimes it's a major logical

1025

00:43:17,420 --> 00:43:15,330

fallacy I believe it's either a slippery

1026
00:43:18,800 --> 00:43:17,430
slope or Texas sharpshooter fallacy I'm

1027
00:43:21,470 --> 00:43:18,810
not quite sure which one it is but he'll

1028
00:43:23,600 --> 00:43:21,480
we got here Carl now what was something

1029
00:43:25,940 --> 00:43:23,610
you sort of believed or were influenced

1030
00:43:27,890 --> 00:43:25,950
by as a kid and took you a while to

1031
00:43:32,660 --> 00:43:27,900
either lose or you've still got tucked

1032
00:43:35,180 --> 00:43:32,670
in the back in mind they're probably the

1033
00:43:37,220 --> 00:43:35,190
alternative health for me what did your

1034
00:43:38,780 --> 00:43:37,230
mum used to do certain things when you

1035
00:43:41,130 --> 00:43:38,790
were sick well my father turned

1036
00:43:44,039 --> 00:43:41,140
vegetarian when I was quite young and

1037
00:43:48,240 --> 00:43:44,049
and then my mother took it on with gusto

1038
00:43:50,400 --> 00:43:48,250

and and then just all you know leaving

1039

00:43:53,609 --> 00:43:50,410

the supplements and all this different

1040

00:43:54,900 --> 00:43:53,619

things that said you react to it by as

1041

00:43:56,720 --> 00:43:54,910

soon as you're a teenager and you could

1042

00:43:59,730 --> 00:43:56,730

you just went out and ate a lot of steak

1043

00:44:02,250 --> 00:43:59,740

no well a little bit for a little while

1044

00:44:05,900 --> 00:44:02,260

but didn't actually reverted back and

1045

00:44:09,690 --> 00:44:05,910

after dropping down to about 70 kgs and

1046

00:44:12,180 --> 00:44:09,700

that's pretty light for me I did been

1047

00:44:14,220 --> 00:44:12,190

research and found out that maybe it's

1048

00:44:16,289 --> 00:44:14,230

not such a bad thing they meetin start

1049

00:44:19,079 --> 00:44:16,299

eating meat and put on 10k kgs in the

1050

00:44:21,690 --> 00:44:19,089

year okay so I wouldn't mind being 70

1051
00:44:25,470 --> 00:44:21,700
kilograms that'll be kind of cool but on

1052
00:44:27,660 --> 00:44:25,480
six foot three it's per year yeah but

1053
00:44:29,609 --> 00:44:27,670
although i don't mind tofu so it's a

1054
00:44:32,069 --> 00:44:29,619
certain can you not eat tofu you're sick

1055
00:44:35,250 --> 00:44:32,079
of that because there's soy milk that

1056
00:44:37,140 --> 00:44:35,260
really bugs you still owe you because

1057
00:44:41,039 --> 00:44:37,150
you're forced to eat it yeah I'm glad to

1058
00:44:42,900 --> 00:44:41,049
give it up now we've got someone here

1059
00:44:45,509 --> 00:44:42,910
who shares something I was interested in

1060
00:44:47,670 --> 00:44:45,519
as a teenager particularly the writings

1061
00:44:50,039 --> 00:44:47,680
of Earth forget his name of the bullets

1062
00:44:51,240 --> 00:44:50,049
was his name yeah and now and tell us

1063
00:44:53,220 --> 00:44:51,250

what what you enjoyed when you were

1064

00:44:57,019 --> 00:44:53,230

younger you so we thought those books

1065

00:44:59,609 --> 00:44:57,029

about Bermuda triangles and UFOs and the

1066

00:45:03,809 --> 00:44:59,619

erich von daniken worthy God's

1067

00:45:05,039 --> 00:45:03,819

astronauts Adamski George Adamski he was

1068

00:45:08,370 --> 00:45:05,049

the one who had encounters with the

1069

00:45:09,660 --> 00:45:08,380

Venetians I know it wasn't familiar I ok

1070

00:45:11,339 --> 00:45:09,670

but it's good to see look erich von

1071

00:45:12,930 --> 00:45:11,349

daniken makes it come back on ancient

1072

00:45:15,240 --> 00:45:12,940

aliens every once in a while he'll pop

1073

00:45:18,089 --> 00:45:15,250

up on ancient aliens that's interesting

1074

00:45:20,269 --> 00:45:18,099

we don't know that yep but I left of

1075

00:45:24,569 --> 00:45:20,279

their word when I was to a teenager in

1076

00:45:26,609 --> 00:45:24,579

can't stop making sense did you have any

1077

00:45:28,170 --> 00:45:26,619

sort of wound beliefs as a child or

1078

00:45:29,519 --> 00:45:28,180

something your family put into you that

1079

00:45:31,440 --> 00:45:29,529

took a while to let go of well you may

1080

00:45:35,430 --> 00:45:31,450

still have as a child I believe

1081

00:45:36,830 --> 00:45:35,440

everything move every book on UFOs and

1082

00:45:39,210 --> 00:45:36,840

ghosts and

1083

00:45:41,730 --> 00:45:39,220

conspiracies and muta triangles that

1084

00:45:44,940 --> 00:45:41,740

there was in the library I got out I

1085

00:45:46,140 --> 00:45:44,950

read it and I loved charles berlitz that

1086

00:45:47,700 --> 00:45:46,150

that's the name i'm looking for because

1087

00:45:49,290 --> 00:45:47,710

because i used to love that so I'm with

1088

00:45:51,390 --> 00:45:49,300

the ancient astronauts and Erich von

1089

00:45:52,890 --> 00:45:51,400

Daniken right and it's a great it's the

1090

00:45:55,260 --> 00:45:52,900

great that he turns up on ancient aliens

1091

00:45:56,760 --> 00:45:55,270

now I'd he's still around still banging

1092

00:45:59,580 --> 00:45:56,770

on about him and the guy with the great

1093

00:46:02,790 --> 00:45:59,590

hair so I mean I loved it and I wished

1094

00:46:04,980 --> 00:46:02,800

it was all true and well I think so I

1095

00:46:06,870 --> 00:46:04,990

certainly see the appeal of its lots of

1096

00:46:08,400 --> 00:46:06,880

fun I mean you do still watch those kind

1097

00:46:11,000 --> 00:46:08,410

of documentaries for their fun appeal

1098

00:46:14,130 --> 00:46:11,010

yeah I do sometimes I may be a bit

1099

00:46:19,230 --> 00:46:14,140

irritated now but Leonard Nimoy in

1100

00:46:21,000 --> 00:46:19,240

search of yeah I'm very um in two minds

1101
00:46:23,040 --> 00:46:21,010
about the claw Laughlin and Nimoy and I

1102
00:46:26,100 --> 00:46:23,050
love his voice but then on the other

1103
00:46:27,960 --> 00:46:26,110
hand there's in search of those this is

1104
00:46:30,120 --> 00:46:27,970
out there i recommend that you go to the

1105
00:46:32,570 --> 00:46:30,130
in search of episode that's on YouTube

1106
00:46:36,720 --> 00:46:32,580
about Bigfoot and at a certain point

1107
00:46:39,570 --> 00:46:36,730
into the show there's a noise it seems

1108
00:46:41,220 --> 00:46:39,580
to come out and I'm suspecting it's it's

1109
00:46:43,200 --> 00:46:41,230
William Shatner sticking his head into

1110
00:46:45,240 --> 00:46:43,210
the booth blowing a raspberry but have a

1111
00:46:47,130 --> 00:46:45,250
listen to that that's a in search of

1112
00:46:53,520 --> 00:46:47,140
Bigfoot and there's a very strange

1113
00:46:57,390 --> 00:46:53,530

farting noise in the background a giant

1114

00:47:00,660 --> 00:46:57,400

hairy creature part ape one man indians

1115

00:47:03,440 --> 00:47:00,670

call him sasquatch they believe he is as

1116

00:47:06,180 --> 00:47:03,450

gentle as he is powerful and mysterious

1117

00:47:07,920 --> 00:47:06,190

he's been seen many times in the rugged

1118

00:47:10,800 --> 00:47:07,930

mountains and deep woods of the Pacific

1119

00:47:12,439 --> 00:47:10,810

Northwest the encounters have not always

1120

00:47:14,939 --> 00:47:12,449

been peaceful

1121

00:47:17,670 --> 00:47:14,949

I've examined the film many times

1122

00:47:20,339 --> 00:47:17,680

watching it forward backwards stop frame

1123

00:47:21,930 --> 00:47:20,349

measured and everything and all of the

1124

00:47:24,180 --> 00:47:21,940

anatomy of the creature is perfectly

1125

00:47:25,859 --> 00:47:24,190

consistent and it does just simply does

1126

00:47:28,140 --> 00:47:25,869

not fit with the man wearing a suit

1127

00:47:30,449 --> 00:47:28,150

William Shatner ruins everything he does

1128

00:47:31,920 --> 00:47:30,459

and he wouldn't want you know Leonard to

1129

00:47:35,579 --> 00:47:31,930

have a good time I'll be successful

1130

00:47:38,009 --> 00:47:35,589

would he know I mean he had our what was

1131

00:47:40,229 --> 00:47:38,019

that cop show with the TJ hooker PJ

1132

00:47:42,209 --> 00:47:40,239

hooker that's right you haven't had any

1133

00:47:44,789 --> 00:47:42,219

more on at once oh really yes they

1134

00:47:47,039 --> 00:47:44,799

actually started an episode together is

1135

00:47:49,739 --> 00:47:47,049

that on YouTube I suspect if you go and

1136

00:47:51,390 --> 00:47:49,749

look TJ hooker Nimoy and Shatner Shatner

1137

00:47:52,349 --> 00:47:51,400

anymore they worked on one episode

1138

00:47:54,299 --> 00:47:52,359

together and there's this whole thing

1139

00:47:56,279 --> 00:47:54,309

about they used to be cops together and

1140

00:47:59,130 --> 00:47:56,289

had a history all its so Star Trek now

1141

00:48:01,109 --> 00:47:59,140

season on DVD just for that yep yep

1142

00:48:03,120 --> 00:48:01,119

better Heather Locklear stuff see I mean

1143

00:48:05,489 --> 00:48:03,130

see shuttin something that we enjoyed as

1144

00:48:08,819 --> 00:48:05,499

a kid we can't let go of I will never

1145

00:48:10,380 --> 00:48:08,829

let go of will in Cheddar like I'm about

1146

00:48:12,390 --> 00:48:10,390

yet another skeptic table here this is a

1147

00:48:15,269 --> 00:48:12,400

heavy drinking DVD skeptic table here

1148

00:48:16,949 --> 00:48:15,279

and now as I've admitted that I believed

1149

00:48:20,099 --> 00:48:16,959

in William Shatner one arms yet I was

1150

00:48:22,739 --> 00:48:20,109

younger I still do I enjoyed the work of

1151

00:48:25,019 --> 00:48:22,749

Charles bullets the buena triangle stuff

1152

00:48:26,849 --> 00:48:25,029

erich von daniken who still powers on in

1153

00:48:28,650 --> 00:48:26,859

ancient aliens even today I will watch

1154

00:48:30,660 --> 00:48:28,660

that just to see him take a drink every

1155

00:48:32,160 --> 00:48:30,670

time Eric turns up it's fantastic what

1156

00:48:33,630 --> 00:48:32,170

did you believe when you were young it

1157

00:48:35,219 --> 00:48:33,640

was a bit of whew that you had trouble

1158

00:48:37,049 --> 00:48:35,229

letting go of well as you may or may not

1159

00:48:38,819 --> 00:48:37,059

know I was raised in a fundamentalist

1160

00:48:40,559 --> 00:48:38,829

Christian Church that's right i have

1161

00:48:42,989 --> 00:48:40,569

seen you here giving a talk on that and

1162

00:48:45,390 --> 00:48:42,999

that that is that is some serious tough

1163

00:48:47,130 --> 00:48:45,400

to lay on someone absolutely so one of

1164

00:48:48,930 --> 00:48:47,140

my earliest recollections is when I was

1165

00:48:50,880 --> 00:48:48,940

about five years old as my my mother

1166

00:48:53,980 --> 00:48:50,890

charging into my room to chase a demon

1167

00:48:55,930 --> 00:48:53,990

off my of my bedroom window

1168

00:48:57,460 --> 00:48:55,940

no point pointing it out to me that it

1169

00:48:59,230 --> 00:48:57,470

was there and so that was part of the

1170

00:49:03,910 --> 00:48:59,240

sort of the fabric of my life up until

1171

00:49:05,080 --> 00:49:03,920

was in my early 20s I suppose so so do

1172

00:49:08,200 --> 00:49:05,090

you think she was doing that as a bit of

1173

00:49:09,820 --> 00:49:08,210

a allegory to you to be good because

1174

00:49:11,080 --> 00:49:09,830

there's demons in your room do you think

1175

00:49:12,220 --> 00:49:11,090

she generally put there was one there no

1176
00:49:14,200 --> 00:49:12,230
there was as far as she was concerned

1177
00:49:15,850 --> 00:49:14,210
there was an actual demon there if you

1178
00:49:18,340 --> 00:49:15,860
asked her today she would still say that

1179
00:49:19,870 --> 00:49:18,350
there was an actual demon there so as a

1180
00:49:22,140 --> 00:49:19,880
recurrent theme throughout my life it

1181
00:49:24,910 --> 00:49:22,150
wasn't like a one-off let's try and

1182
00:49:26,950 --> 00:49:24,920
impart something to my child you know a

1183
00:49:31,510 --> 00:49:26,960
lesson of some description and this was

1184
00:49:33,130 --> 00:49:31,520
a real tangible I would imagine being a

1185
00:49:35,470 --> 00:49:33,140
kid in that kind of household you either

1186
00:49:37,359 --> 00:49:35,480
going to a go along with that well you

1187
00:49:39,490 --> 00:49:37,369
were just going to turn into the wildest

1188
00:49:41,050 --> 00:49:39,500

craziest crazy person ever to rebel

1189

00:49:43,240 --> 00:49:41,060

against what they're saying in a certain

1190

00:49:46,390 --> 00:49:43,250

age when deny that I was crazy I'm

1191

00:49:47,950 --> 00:49:46,400

possibly still AM Best well I suppose I

1192

00:49:50,440 --> 00:49:47,960

was better known in the church for

1193

00:49:52,030 --> 00:49:50,450

causing trouble than not but her out of

1194

00:49:53,980 --> 00:49:52,040

that quite again quite quickly and and

1195

00:49:57,609 --> 00:49:53,990

was there actually one moment we went

1196

00:50:00,220 --> 00:49:57,619

hang on actually this isn't right yeah

1197

00:50:01,750 --> 00:50:00,230

it was it was probably there was a good

1198

00:50:03,670 --> 00:50:01,760

section of me that started to question

1199

00:50:05,859 --> 00:50:03,680

in great detail a lot of the things that

1200

00:50:09,420 --> 00:50:05,869

being said like you know what if these

1201
00:50:12,130 --> 00:50:09,430
things are real or are they just being

1202
00:50:13,930 --> 00:50:12,140
displayed as real I did didn't get the

1203
00:50:15,849 --> 00:50:13,940
sense ever that anyone who was telling

1204
00:50:18,310 --> 00:50:15,859
people that these demons and things were

1205
00:50:20,500 --> 00:50:18,320
real were ever being insincere that I

1206
00:50:22,540 --> 00:50:20,510
never ever want sanest dog I've never

1207
00:50:24,609 --> 00:50:22,550
had that impression yeah they genuinely

1208
00:50:26,500 --> 00:50:24,619
believe what they did but I just didn't

1209
00:50:30,130 --> 00:50:26,510
find any evidence what was being said

1210
00:50:31,599 --> 00:50:30,140
and as I got older of course and you

1211
00:50:33,820 --> 00:50:31,609
know for most of my life with denied

1212
00:50:35,560 --> 00:50:33,830
scientific education and as I got older

1213
00:50:36,820 --> 00:50:35,570

you know scientific proof became

1214

00:50:40,120 --> 00:50:36,830

something that was very important to me

1215

00:50:42,130 --> 00:50:40,130

and then I began to understand how easy

1216

00:50:43,570 --> 00:50:42,140

it is to convince people especially if

1217

00:50:45,070 --> 00:50:43,580

you get them at here's the right age or

1218

00:50:47,890 --> 00:50:45,080

right circumstance to convince them that

1219

00:50:49,630 --> 00:50:47,900

something isn't necessarily so yeah you

1220

00:50:51,150 --> 00:50:49,640

can convince anyone of just about

1221

00:50:53,220 --> 00:50:51,160

anything if you give them

1222

00:50:54,930 --> 00:50:53,230

the right conditions in time and now

1223

00:50:57,270 --> 00:50:54,940

what is your simple evidence test you

1224

00:50:59,520 --> 00:50:57,280

use with extraordinary claims these days

1225

00:51:02,640 --> 00:50:59,530

well extraordinary claims require

1226
00:51:05,970 --> 00:51:02,650
extraordinary evidence about as simple

1227
00:51:07,380 --> 00:51:05,980
as I can put it was it was something as

1228
00:51:10,500 --> 00:51:07,390
a kid that user who carried through into

1229
00:51:12,510 --> 00:51:10,510
adulthood not really part of the usual

1230
00:51:13,860 --> 00:51:12,520
childhood things like no Santa Claus or

1231
00:51:16,260 --> 00:51:13,870
the Easter buddy if these are that I

1232
00:51:19,050 --> 00:51:16,270
never what parents were pretty secular

1233
00:51:21,480 --> 00:51:19,060
and so you a skeptical kid like you know

1234
00:51:23,340 --> 00:51:21,490
you would like and that's not real to

1235
00:51:25,110 --> 00:51:23,350
everything yeah pretty much i don't

1236
00:51:28,290 --> 00:51:25,120
think i was particularly smart ass in

1237
00:51:30,120 --> 00:51:28,300
class i was my last class I've come on

1238
00:51:31,980 --> 00:51:30,130

teacher where's your proof for that well

1239

00:51:34,890 --> 00:51:31,990

I was kind of always interested in size

1240

00:51:37,410 --> 00:51:34,900

that sort of stuff but I wouldn't say I

1241

00:51:39,240 --> 00:51:37,420

was really actively a skeptic goes

1242

00:51:41,610 --> 00:51:39,250

perhaps a little bit more skeptical than

1243

00:51:43,680 --> 00:51:41,620

some people but not really not like I

1244

00:51:44,940 --> 00:51:43,690

have tutors at at all these to make fun

1245

00:51:47,640 --> 00:51:44,950

of me in primary school cause I was

1246

00:51:49,140 --> 00:51:47,650

interested in rockets and UFOs and space

1247

00:51:50,820 --> 00:51:49,150

travel but obviously me and one other

1248

00:51:52,410 --> 00:51:50,830

guy in the class and the entire primary

1249

00:51:54,630 --> 00:51:52,420

school because guys just went into that

1250

00:51:57,990 --> 00:51:54,640

Indian castle at that time yeah I was in

1251
00:52:00,300 --> 00:51:58,000
the same things space but it's dinosaurs

1252
00:52:02,550 --> 00:52:00,310
what I was younger and had you know

1253
00:52:04,380 --> 00:52:02,560
interested in the moon landing it's all

1254
00:52:06,780 --> 00:52:04,390
that sort of stuff so I was always into

1255
00:52:08,430 --> 00:52:06,790
that sort of side stuff well I took

1256
00:52:10,440 --> 00:52:08,440
kicked off the science for you it did

1257
00:52:13,950 --> 00:52:10,450
yeah and then I I was interested I wind

1258
00:52:16,830 --> 00:52:13,960
up doing engineering at Union yeah we do

1259
00:52:17,910 --> 00:52:16,840
that sort of through career so so what

1260
00:52:19,740 --> 00:52:17,920
sort of engineering leave the

1261
00:52:22,350 --> 00:52:19,750
engineering the electric engineer

1262
00:52:24,750 --> 00:52:22,360
electronic app so can you like like wire

1263
00:52:26,580 --> 00:52:24,760

up a Volkswagen it depends on where you

1264

00:52:30,150 --> 00:52:26,590

want me to wire it up for tomorrow to

1265

00:52:31,590 --> 00:52:30,160

achieve your hike what about you is

1266

00:52:34,080 --> 00:52:31,600

there something as a kid that carried

1267

00:52:36,150 --> 00:52:34,090

over into life milestone you know 14 my

1268

00:52:38,460 --> 00:52:36,160

best friend from primary school gave me

1269

00:52:39,900 --> 00:52:38,470

a book on my I think was called

1270

00:52:42,420 --> 00:52:39,910

mysteries of the unexplained or

1271

00:52:43,980 --> 00:52:42,430

something and I don't know where

1272

00:52:45,990 --> 00:52:43,990

actually believed any of its kind of

1273

00:52:52,920 --> 00:52:46,000

hard to remember that fact that far but

1274

00:52:54,570 --> 00:52:52,930

I certainly didn't quite know except a

1275

00:52:56,460 --> 00:52:54,580

lot of the argument the spurious

1276

00:52:59,910 --> 00:52:56,470

arguments they used and accepted them as

1277

00:53:01,500 --> 00:52:59,920

mad because I didn't quite know how to

1278

00:53:02,940 --> 00:53:01,510

how to tell a good argument for a bad

1279

00:53:04,770 --> 00:53:02,950

one so I suppose it kind of the

1280

00:53:06,630 --> 00:53:04,780

excitement of all these unknown universe

1281

00:53:08,580 --> 00:53:06,640

is opening up to is that part of it I

1282

00:53:11,400 --> 00:53:08,590

mean for me that I mean the possibility

1283

00:53:13,410 --> 00:53:11,410

of what if often to me Trump's actual

1284

00:53:15,390 --> 00:53:13,420

evidence I've got to say if something is

1285

00:53:17,010 --> 00:53:15,400

an interesting concept I'll kind of go

1286

00:53:18,510 --> 00:53:17,020

with it a certain way despite the

1287

00:53:21,420 --> 00:53:18,520

evidence just because of the imaginative

1288

00:53:23,460 --> 00:53:21,430

adventure involved possibly but I think

1289

00:53:25,650 --> 00:53:23,470

mostly it was just there are interesting

1290

00:53:29,580 --> 00:53:25,660

stories they were fun and this is one

1291

00:53:32,090 --> 00:53:29,590

that sticks out particularly no they all

1292

00:53:34,410 --> 00:53:32,100

but it all sort of blended together I

1293

00:53:37,170 --> 00:53:34,420

yeah I do remember that i didn't i

1294

00:53:38,820 --> 00:53:37,180

didn't believe the UFOs stuff i was but

1295

00:53:41,940 --> 00:53:38,830

at the time i was a big science fiction

1296

00:53:44,580 --> 00:53:41,950

fan master Lam you if UFOs never really

1297

00:53:46,950 --> 00:53:44,590

caught my imagination I just thought nah

1298

00:53:49,020 --> 00:53:46,960

not interesting enough so you think

1299

00:53:50,160 --> 00:53:49,030

because of your basic work knowledge of

1300

00:53:51,180 --> 00:53:50,170

science that you were getting from some

1301
00:53:53,010 --> 00:53:51,190
of the science fiction books you're

1302
00:53:54,600 --> 00:53:53,020
reading it you just thought it's just so

1303
00:53:58,380 --> 00:53:54,610
not possible it doesn't enter the

1304
00:54:00,930 --> 00:53:58,390
reality watch a lot of Star Trek and I

1305
00:54:03,980 --> 00:54:00,940
thought why would aliens come here in

1306
00:54:06,090 --> 00:54:03,990
the UFOs and do essentially nothing

1307
00:54:08,610 --> 00:54:06,100
there's so many mortgaging things to do

1308
00:54:10,020 --> 00:54:08,620
on the earth maybe they're doing nothing

1309
00:54:12,060 --> 00:54:10,030
because what's that law they have on

1310
00:54:13,740 --> 00:54:12,070
Star Trek the prime directive the prime

1311
00:54:15,300 --> 00:54:13,750
directive is why the aliens aren't doing

1312
00:54:16,560 --> 00:54:15,310
anything Oh clearly if you're seeing

1313
00:54:18,420 --> 00:54:16,570

them they're violating the prime

1314

00:54:19,890 --> 00:54:18,430

directive so that they'll eat there at

1315

00:54:21,460 --> 00:54:19,900

least not taking their loss particularly

1316

00:54:24,310 --> 00:54:21,470

seriously

1317

00:54:25,930 --> 00:54:24,320

he knows his stuff I'm just leaning all

1318

00:54:28,810 --> 00:54:25,940

over the table here risking knocking

1319

00:54:30,430 --> 00:54:28,820

over wine and who we got here Jessica

1320

00:54:32,080 --> 00:54:30,440

now what did you believe is a kid that

1321

00:54:38,410 --> 00:54:32,090

was a little bit unusual that you might

1322

00:54:42,430 --> 00:54:38,420

have carried into life well I remember

1323

00:54:45,580 --> 00:54:42,440

it was the 70s it was the 70s and there

1324

00:54:47,710 --> 00:54:45,590

were drugs involved well they might have

1325

00:54:48,820 --> 00:54:47,720

well I was too young and here's

1326

00:54:50,620 --> 00:54:48,830

something for you listens out there do

1327

00:54:53,290 --> 00:54:50,630

you know today group of goats the

1328

00:54:58,660 --> 00:54:53,300

collective noun is a trip a trip of

1329

00:55:02,200 --> 00:54:58,670

goats and now back to our program it was

1330

00:55:05,080 --> 00:55:02,210

back to our program it was the 70s I was

1331

00:55:08,050 --> 00:55:05,090

in primary school and the thing that had

1332

00:55:11,440 --> 00:55:08,060

a great deal of traction then was uri

1333

00:55:12,849 --> 00:55:11,450

geller and spoon bending I saw you

1334

00:55:14,680 --> 00:55:12,859

regular at the Civic Theatre in New

1335

00:55:16,630 --> 00:55:14,690

Castle with my mum the radio station was

1336

00:55:18,310 --> 00:55:16,640

giving away tickets also what year was

1337

00:55:20,109 --> 00:55:18,320

that well that would have been around at

1338

00:55:23,200 --> 00:55:20,119

the same time on the same tour and I was

1339

00:55:24,520 --> 00:55:23,210

like mesmerised by him bundled it bored

1340

00:55:25,839 --> 00:55:24,530

because he didn't have enough tricks I

1341

00:55:28,300 --> 00:55:25,849

was used to seeing magicians with more

1342

00:55:30,609 --> 00:55:28,310

tricks in here and oh so you knew he was

1343

00:55:32,230 --> 00:55:30,619

a magician no no no i didn't i just i

1344

00:55:33,700 --> 00:55:32,240

thought it was a mystical guide that

1345

00:55:36,520 --> 00:55:33,710

could do stuff but he just didn't have

1346

00:55:39,400 --> 00:55:36,530

enough acts and he's you know yeah well

1347

00:55:42,730 --> 00:55:39,410

i suppose as 11 and 12 year olds i mean

1348

00:55:45,160 --> 00:55:42,740

i never saw him a bomb but kids at

1349

00:55:47,079 --> 00:55:45,170

school were really into him and took him

1350

00:55:48,430 --> 00:55:47,089

at face value they probably also would

1351
00:55:54,370 --> 00:55:48,440
have been into the show come through

1352
00:55:56,770 --> 00:55:54,380
with the Carradine yeah yeah yeah so

1353
00:56:01,430 --> 00:55:56,780
that's that's the thing i remember being

1354
00:56:03,500 --> 00:56:01,440
the great talking point it didn't really

1355
00:56:04,819 --> 00:56:03,510
stick with me but I did remember him so

1356
00:56:07,040 --> 00:56:04,829
that when I got got involved in the

1357
00:56:08,839 --> 00:56:07,050
skeptics years and years later and found

1358
00:56:11,540 --> 00:56:08,849
out all about uri geller and you know

1359
00:56:14,839 --> 00:56:11,550
how he did it that was that was great it

1360
00:56:17,000 --> 00:56:14,849
was like all great okay so I was fully

1361
00:56:18,950 --> 00:56:17,010
justified in not taking much notice of

1362
00:56:21,260 --> 00:56:18,960
him look there are still some people I

1363
00:56:22,880 --> 00:56:21,270

have discussions with that think he's

1364

00:56:25,010 --> 00:56:22,890

been hard done by and they are come

1365

00:56:26,359 --> 00:56:25,020

against the work of james randi for

1366

00:56:29,630 --> 00:56:26,369

exposing you've been saying how dare

1367

00:56:32,930 --> 00:56:29,640

James do that too to mr. Geller who is

1368

00:56:35,390 --> 00:56:32,940

of good intentions well i don't know i

1369

00:56:39,200 --> 00:56:35,400

think mr. Geller has done fairly well

1370

00:56:41,150 --> 00:56:39,210

out of things so my withers are unrung

1371

00:56:42,559 --> 00:56:41,160

did you ever take his stop the clock

1372

00:56:44,960 --> 00:56:42,569

test that's where you could go onto the

1373

00:56:47,059 --> 00:56:44,970

internet look at a clock that was inside

1374

00:56:49,370 --> 00:56:47,069

us safe and if you tried hard enough you

1375

00:56:52,400 --> 00:56:49,380

can stop the clock no I didn't do that

1376

00:56:54,589 --> 00:56:52,410

one but um once it's a joke I heard him

1377

00:56:56,870 --> 00:56:54,599

on the radio I think Clive Robertson had

1378

00:56:58,760 --> 00:56:56,880

had him on the radio at once and it was

1379

00:57:00,530 --> 00:56:58,770

you know get out your old watch that

1380

00:57:04,190 --> 00:57:00,540

isn't working put it in there I put it

1381

00:57:05,809 --> 00:57:04,200

on the radio and shout work at it well I

1382

00:57:09,500 --> 00:57:05,819

sort of scrambled around for an old

1383

00:57:10,880 --> 00:57:09,510

watch got out the case before didn't

1384

00:57:13,250 --> 00:57:10,890

have time to take it out of the case put

1385

00:57:14,990 --> 00:57:13,260

the case on the radio because i was i

1386

00:57:17,480 --> 00:57:15,000

just wanted to do it as a joke and just

1387

00:57:19,130 --> 00:57:17,490

just just prove that my watch wasn't

1388

00:57:21,680 --> 00:57:19,140

going to work whatever Uri Geller said

1389

00:57:23,900 --> 00:57:21,690

anyway so we're through this pallava

1390

00:57:27,079 --> 00:57:23,910

opened the case and my watch wasn't even

1391

00:57:28,880 --> 00:57:27,089

in the case so what I felt like a fool

1392

00:57:30,680 --> 00:57:28,890

that's amazing I tried it once who won

1393

00:57:31,880 --> 00:57:30,690

those vibrating egg things and it still

1394

00:57:34,460 --> 00:57:31,890

didn't work that's because I didn't have

1395

00:57:49,670 --> 00:57:34,470

a battery in it that would that would

1396

00:57:55,050 --> 00:57:52,830

hello on our needle on solo scoffs of

1397

00:57:57,420 --> 00:57:55,060

dick moment when Tyrion at low so now to

1398

00:58:02,010 --> 00:57:57,430

skeptics on for weeds and swap and katie

1399

00:58:19,660 --> 00:58:02,020

schneider a meeting from RC Connor

1400

00:58:23,530 --> 00:58:21,549

thank you for listening to the skeptic

1401

00:58:27,520 --> 00:58:23,540

son oh boy that was a bit of a tough

1402

00:58:29,470 --> 00:58:27,530

experience dr. a g-good was great

1403

00:58:31,900 --> 00:58:29,480

lessness is the way her face goes red at

1404

00:58:33,280 --> 00:58:31,910

certain displays and you know she wants

1405

00:58:35,680 --> 00:58:33,290

to say something but she doesn't and you

1406

00:58:38,500 --> 00:58:35,690

know that there's a low-level cold fish

1407

00:58:40,120 --> 00:58:38,510

and reaction going on inside it but are

1408

00:58:42,220 --> 00:58:40,130

coming up in the next few weeks on the

1409

00:58:44,950 --> 00:58:42,230

skeptic zone will have some stories from

1410

00:58:47,829 --> 00:58:44,960

our adventures here today at the

1411

00:58:49,420 --> 00:58:47,839

mind-body wallet festival but now I

1412

00:58:51,039 --> 00:58:49,430

think we all deserve a nice Chinese

1413

00:58:53,650 --> 00:58:51,049

dinner so we'll race off and have that

1414

00:58:59,970 --> 00:58:53,660

and we'll hope to hope to have your

1415

00:59:07,359 --> 00:59:02,380

you've been listening to the skeptic

1416

00:59:11,140 --> 00:59:07,369

zone visit her website at www.skeptics