

**THE
SKEPTIC
ZONE
PODCAST**

www.skepticzone.tv

1
00:00:22,359 --> 00:00:09,080
welcome to the skeptic zone the podcast

2
00:00:31,609 --> 00:00:25,100
hello and welcome to the skeptic zone

3
00:00:33,200 --> 00:00:31,619
episode number 417 October the 16th 2016

4
00:00:35,540 --> 00:00:33,210
Richard Saunders here with you from

5
00:00:37,880 --> 00:00:35,550
Sydney Australia thanks to everybody who

6
00:00:40,670 --> 00:00:37,890
is written in saying how much they

7
00:00:42,860 --> 00:00:40,680
enjoyed the live show last week the live

8
00:00:45,500 --> 00:00:42,870
skeptics own life a couple of little

9
00:00:46,640 --> 00:00:45,510
microphone problems along the way it's a

10
00:00:48,079 --> 00:00:46,650
bit funny when you're doing a live

11
00:00:51,020 --> 00:00:48,089
situation like that there's lots of

12
00:00:53,360 --> 00:00:51,030
bases to cover and the venue the

13
00:00:56,420 --> 00:00:53,370

Occidental hotel which is downtown

14

00:00:58,100 --> 00:00:56,430

Sydney was am a new venue first time the

15

00:01:02,000 --> 00:00:58,110

skeptics have been there so we had some

16

00:01:04,249 --> 00:01:02,010

technical issues to try and iron out I

17

00:01:06,020 --> 00:01:04,259

mean by and large it went okay on the

18

00:01:07,460 --> 00:01:06,030

night and of course people who were

19

00:01:10,820 --> 00:01:07,470

there on the night will realize how much

20

00:01:13,190 --> 00:01:10,830

I had to edit out lots of little gaps

21

00:01:14,779 --> 00:01:13,200

and things going a bit wrong and but we

22

00:01:16,310 --> 00:01:14,789

got there we got there in the end and

23

00:01:18,230 --> 00:01:16,320

thanks to all the people who did turn up

24

00:01:20,540 --> 00:01:18,240

and we look forward to seeing you at the

25

00:01:21,830 --> 00:01:20,550

next Sydney skeptics in the pub coming

26
00:01:22,999 --> 00:01:21,840
up on this week's episode what do we

27
00:01:26,359 --> 00:01:23,009
have we're going to kick off with an

28
00:01:28,429 --> 00:01:26,369
interview a catch-up a regular spot i'd

29
00:01:30,230 --> 00:01:28,439
have to say with our friend Michael

30
00:01:33,580 --> 00:01:30,240
Marshall from the good thinking society

31
00:01:35,840 --> 00:01:33,590
in the UK now right now as we speak

32
00:01:39,069 --> 00:01:35,850
Michael Marshall and lots of other

33
00:01:42,080 --> 00:01:39,079
people lucky people are at the QED

34
00:01:44,569 --> 00:01:42,090
convention in Manchester one of the

35
00:01:45,800 --> 00:01:44,579
better ones in the world it's all right

36
00:01:47,899 --> 00:01:45,810
the pleasure of speaking there twice

37
00:01:49,850 --> 00:01:47,909
it's fantastic good to know that there

38
00:01:52,789 --> 00:01:49,860

will be some Australian representation

39

00:01:54,410 --> 00:01:52,799

there our reporter Iran sir give who is

40

00:01:56,240 --> 00:01:54,420

also of course president of Australian

41

00:01:57,530 --> 00:01:56,250

skeptics will be there dr. Cole cruise

42

00:01:59,990 --> 00:01:57,540

on this key will be there and I'm sure

43

00:02:02,270 --> 00:02:00,000

smattering of other Australians anyway

44

00:02:03,920 --> 00:02:02,280

Michael Marshall in an interview

45

00:02:05,770 --> 00:02:03,930

recorded a few days ago is going to

46

00:02:09,740 --> 00:02:05,780

bring us up to date on the latest are

47

00:02:11,569 --> 00:02:09,750

home via pathak news homeopathic news be

48

00:02:13,910 --> 00:02:11,579

very short news woodman if it was true

49

00:02:16,970 --> 00:02:13,920

homeopathic news coming out of the UK

50

00:02:19,310 --> 00:02:16,980

some good good news they're coming out

51
00:02:23,810 --> 00:02:19,320
of the UK in regards to homeopathy and

52
00:02:26,150 --> 00:02:23,820
of course he'll be discussing QED after

53
00:02:29,120 --> 00:02:26,160
that we're going to read the statement

54
00:02:34,580 --> 00:02:29,130
from the nursing and midwifery Board of

55
00:02:37,220 --> 00:02:34,590
Australia in regard to the tiny

56
00:02:40,990 --> 00:02:37,230
minority of nurses and midwives who are

57
00:02:44,210 --> 00:02:41,000
anti-vaccination and have been posting

58
00:02:46,970 --> 00:02:44,220
memes on the internet we covered this

59
00:02:48,979 --> 00:02:46,980
story a few weeks ago and we'll be

60
00:02:51,740 --> 00:02:48,989
covering that news in the middle of the

61
00:02:54,229 --> 00:02:51,750
show then to round off the show may not

62
00:02:56,479 --> 00:02:54,239
spooky action a couple of weeks ago men

63
00:02:59,780 --> 00:02:56,489

are denying a group of skeptics went to

64

00:03:02,720 --> 00:02:59,790

see Ben Goldacre speak here live in

65

00:03:05,300 --> 00:03:02,730

Sydney what an entertaining night that

66

00:03:10,520 --> 00:03:05,310

was and may not took the opportunity to

67

00:03:13,130 --> 00:03:10,530

interview famed famed science reporter

68

00:03:15,319 --> 00:03:13,140

here in Australia Robin Williams not to

69

00:03:17,660 --> 00:03:15,329

be confused with the late american actor

70

00:03:20,059 --> 00:03:17,670

Robin Williams here in Australia who is

71

00:03:22,220 --> 00:03:20,069

actually a distant distant cousin of

72

00:03:24,170 --> 00:03:22,230

mine somewhere along the way Robin

73

00:03:27,229 --> 00:03:24,180

Williams has been doing the science show

74

00:03:30,740 --> 00:03:27,239

here in Australia on ABC radio for very

75

00:03:32,990 --> 00:03:30,750

many years and then may nod catches up

76
00:03:35,960 --> 00:03:33,000
with cigna dean who you would have heard

77
00:03:39,830 --> 00:03:35,970
last week on the skeptics own life cigna

78
00:03:42,500 --> 00:03:39,840
does wonderful work for the broadcaster

79
00:03:46,280 --> 00:03:42,510
SBS well that's enough for me at the

80
00:03:48,800 --> 00:03:46,290
moment there's more news to tune into at

81
00:03:51,680 --> 00:03:48,810
the end of this episode but right now

82
00:03:56,210 --> 00:03:51,690
I'm going to run downstairs open the

83
00:03:58,099 --> 00:03:56,220
pantry get the nice grain and seed bread

84
00:04:00,920 --> 00:03:58,109
out and toast up a couple of slices of

85
00:04:05,659 --> 00:04:00,930
that and you know what I'm going to open

86
00:04:08,229 --> 00:04:05,669
up a can of tinned spaghetti and I'm

87
00:04:11,680 --> 00:04:08,239
going to have tinned spaghetti on toast

88
00:04:17,719 --> 00:04:11,690

like I used to do when I was just a kid

89

00:04:19,430 --> 00:04:17,729

tinned spaghetti on toast why not while

90

00:04:22,580 --> 00:04:19,440

I'm doing that and reminiscing I hope

91

00:04:45,710 --> 00:04:22,590

you enjoy the skeptic zone

92

00:04:51,330 --> 00:04:48,870

joining me now as he often does all the

93

00:04:52,950 --> 00:04:51,340

way from Liverpool to old friend from

94

00:04:56,100 --> 00:04:52,960

the good thinking society Michael

95

00:04:57,840 --> 00:04:56,110

Marshall Marsh hello hi Richard and

96

00:04:59,490 --> 00:04:57,850

hello to all the skeptics on this it's

97

00:05:01,410 --> 00:04:59,500

been months it's a bit of the show I

98

00:05:03,930 --> 00:05:01,420

don't know what's been going on so it's

99

00:05:06,060 --> 00:05:03,940

terrible yes yes this will never do my

100

00:05:07,580 --> 00:05:06,070

alarm went off and it said ring Michael

101

00:05:10,200 --> 00:05:07,590

Marshall so I thought I'd better do it

102

00:05:12,270 --> 00:05:10,210

but no really we're going to discuss a

103

00:05:15,570 --> 00:05:12,280

few things at the moment and it's nice

104

00:05:17,940 --> 00:05:15,580

to have you as a as a regular guest on

105

00:05:20,640 --> 00:05:17,950

the skeptic zone let's start straight

106

00:05:23,130 --> 00:05:20,650

away with some news coming out of your

107

00:05:25,560 --> 00:05:23,140

part of the world concerning homeopathy

108

00:05:27,090 --> 00:05:25,570

what's happening now Marsh well there's

109

00:05:29,910 --> 00:05:27,100

a few different things to be honest so

110

00:05:32,160 --> 00:05:29,920

we've had two big sort of victories two

111

00:05:34,740 --> 00:05:32,170

big successes for the good thinking

112

00:05:36,600 --> 00:05:34,750

society here in the UK so one of which

113

00:05:38,730 --> 00:05:36,610

was to do with the charities that

114

00:05:40,200 --> 00:05:38,740

promote homeopathy and I'm sure you're

115

00:05:43,250 --> 00:05:40,210

you've seen these kind of charities

116

00:05:45,030 --> 00:05:43,260

around but here in the UK we had several

117

00:05:47,820 --> 00:05:45,040

charities that were particularly

118

00:05:49,740 --> 00:05:47,830

concerning to us so people like there's

119

00:05:51,590 --> 00:05:49,750

a group called the mound project who

120

00:05:55,140 --> 00:05:51,600

promote homeopathy in Botswana

121

00:05:57,870 --> 00:05:55,150

specifically to AIDS patients ooh so you

122

00:06:00,210 --> 00:05:57,880

can this is the very cutting edge of the

123

00:06:02,700 --> 00:06:00,220

what's the harm argument yes here is the

124

00:06:04,140 --> 00:06:02,710

charity that is promoting a ineffective

125

00:06:07,260 --> 00:06:04,150

treatment to people who are clearly

126

00:06:09,450 --> 00:06:07,270

incredibly ill and so this is actually

127

00:06:12,900 --> 00:06:09,460

there's been a couple of years worth of

128

00:06:15,120 --> 00:06:12,910

campaigning by a chapa who's a retired

129

00:06:18,000 --> 00:06:15,130

clinical researcher clinical scientist

130

00:06:19,770 --> 00:06:18,010

called the less rules who was looking

131

00:06:21,000 --> 00:06:19,780

into these various different homeopathic

132

00:06:23,490 --> 00:06:21,010

charities and other charities that

133

00:06:25,650 --> 00:06:23,500

promote nonsense and trying to argue to

134

00:06:27,420 --> 00:06:25,660

the charities regulator that they should

135

00:06:30,150 --> 00:06:27,430

not be considered charities if what

136

00:06:31,440 --> 00:06:30,160

they're doing is promoting nonsense you

137

00:06:33,270 --> 00:06:31,450

know you can't be a health charity if

138

00:06:36,330 --> 00:06:33,280

what you're promoting has no health

139

00:06:37,710 --> 00:06:36,340

benefits at all and let's spend a couple

140

00:06:38,910 --> 00:06:37,720

years going back and forth with the

141

00:06:41,250 --> 00:06:38,920

other charities Commission which is the

142

00:06:44,130 --> 00:06:41,260

regulator here in the UK and getting

143

00:06:45,510 --> 00:06:44,140

largely nowhere so he kind of turned to

144

00:06:47,820 --> 00:06:45,520

us with good thinking to say what can we

145

00:06:49,860 --> 00:06:47,830

do about this and so we first of all we

146

00:06:51,030 --> 00:06:49,870

organized a few health professionals to

147

00:06:52,470 --> 00:06:51,040

write the charity commission with an

148

00:06:53,990 --> 00:06:52,480

open letter that we published

149

00:06:57,270 --> 00:06:54,000

national magazine national newspaper

150

00:06:58,380 --> 00:06:57,280

saying you need to regulate these health

151

00:07:00,630 --> 00:06:58,390

charities that are putting people in

152

00:07:02,280 --> 00:07:00,640

harm's way and nothing happened and so

153

00:07:03,990 --> 00:07:02,290

we put a big expose in another newspaper

154

00:07:05,640 --> 00:07:04,000

pointing out all the really crazy

155

00:07:07,470 --> 00:07:05,650

dangerous claims that get made by these

156

00:07:09,990 --> 00:07:07,480

charities hmm and still the charity

157

00:07:12,150 --> 00:07:10,000

commission refused to act so then what

158

00:07:13,650 --> 00:07:12,160

actually happened was our lawyers took a

159

00:07:15,180 --> 00:07:13,660

look at this we took this to the lawyers

160

00:07:16,710 --> 00:07:15,190

that we work with with good thinking

161

00:07:19,290 --> 00:07:16,720

society occasionally called binmen

162

00:07:20,640 --> 00:07:19,300

public law firm fantastic law firm who

163

00:07:23,070 --> 00:07:20,650

took really great work here in the UK

164

00:07:24,960 --> 00:07:23,080

sort of on making sure that governmental

165

00:07:27,270 --> 00:07:24,970

decisions where they're using public

166

00:07:30,540 --> 00:07:27,280

funds are made based on good evidence

167

00:07:32,700 --> 00:07:30,550

and in the public good and we

168

00:07:36,510 --> 00:07:32,710

effectively threatened to sue the

169

00:07:39,300 --> 00:07:36,520

charity commission for their failure

170

00:07:41,070 --> 00:07:39,310

their refusal to bring any action

171

00:07:43,860 --> 00:07:41,080

against these charities that promote

172

00:07:45,690 --> 00:07:43,870

things that don't work which is

173

00:07:48,780 --> 00:07:45,700

certainly an interesting day in good

174

00:07:51,210 --> 00:07:48,790

thinking headquarters when God I mean

175

00:07:53,460 --> 00:07:51,220

obviously we're a charity ourselves so

176

00:07:57,000 --> 00:07:53,470

we were effectively threatening to sue

177

00:08:00,510 --> 00:07:57,010

our own regulator for failing to do

178

00:08:02,790 --> 00:08:00,520

their job and we set a deadline to say

179

00:08:05,190 --> 00:08:02,800

if by Friday got the weeks ago if by

180

00:08:07,650 --> 00:08:05,200

Friday you hadn't commissioned a full

181

00:08:09,540 --> 00:08:07,660

review of these charities and looked at

182

00:08:11,400 --> 00:08:09,550

their their status and then looked at

183

00:08:14,130 --> 00:08:11,410

what evidence actually allows you to be

184

00:08:15,900 --> 00:08:14,140

a charity promoting health then we'll

185

00:08:18,270 --> 00:08:15,910

take you to court over your failure to

186

00:08:19,830 --> 00:08:18,280

do your job as a regulator and when it

187

00:08:21,930 --> 00:08:19,840

start of the week it looked like they

188

00:08:23,850 --> 00:08:21,940

weren't budging we put a big piece in

189

00:08:25,500 --> 00:08:23,860

The Daily Mail and had a piece in the

190

00:08:27,750 --> 00:08:25,510

print Daily Mail the piece online saying

191

00:08:29,400 --> 00:08:27,760

you know the charity regular Charity

192

00:08:31,170 --> 00:08:29,410

Commission are going to be taken to

193

00:08:33,630 --> 00:08:31,180

court by a charity for their failure to

194

00:08:35,219 --> 00:08:33,640

their job and on friday of that week

195

00:08:37,740 --> 00:08:35,229

they told us that they were going to

196

00:08:39,089 --> 00:08:37,750

have a full review which is taking place

197

00:08:41,580 --> 00:08:39,099

next year and they're going to go back

198

00:08:45,120 --> 00:08:41,590

to their guidelines and look at exactly

199

00:08:46,830 --> 00:08:45,130

what constitutes a health charity what

200

00:08:48,900 --> 00:08:46,840

charities are allowed to claim to do in

201
00:08:52,020 --> 00:08:48,910
order to be a charity of a health

202
00:08:54,150 --> 00:08:52,030
charity and then they said if there any

203
00:08:55,740 --> 00:08:54,160
as a result of their review of their

204
00:08:57,300 --> 00:08:55,750
guidelines any charities need to be

205
00:08:58,710 --> 00:08:57,310
contacted about whether they are able to

206
00:09:00,780 --> 00:08:58,720
continue being a charity they'll take

207
00:09:02,190 --> 00:09:00,790
that on from there which as far as we

208
00:09:03,810 --> 00:09:02,200
can see is their way of saying we're

209
00:09:05,370 --> 00:09:03,820
going to start looking at our guidelines

210
00:09:06,150 --> 00:09:05,380
and make sure it's evidence-based and if

211
00:09:08,249 --> 00:09:06,160
you're not evidence

212
00:09:09,840 --> 00:09:08,259
biz you're not a charity and that's

213
00:09:12,329 --> 00:09:09,850

certainly the way that we're reading the

214

00:09:14,639 --> 00:09:12,339

charity law so effectively it could mean

215

00:09:16,439 --> 00:09:14,649

that once a review takes place in July

216

00:09:18,449 --> 00:09:16,449

next year which is a kind of reasonable

217

00:09:21,300 --> 00:09:18,459

timeline to take it on board quite a

218

00:09:22,710 --> 00:09:21,310

comprehensive review it could mean that

219

00:09:24,389 --> 00:09:22,720

the charities out there that are

220

00:09:26,519 --> 00:09:24,399

promoting homeopathy for all sorts of

221

00:09:28,590 --> 00:09:26,529

things and promoting all these the weird

222

00:09:30,360 --> 00:09:28,600

and bizarre and quite dangerous

223

00:09:31,740 --> 00:09:30,370

treatments for all sorts of things and

224

00:09:33,269 --> 00:09:31,750

still being currently allowed to be

225

00:09:34,619 --> 00:09:33,279

charities with text breaks and

226

00:09:36,900 --> 00:09:34,629

legitimacy and all that kind of stuff

227

00:09:38,850 --> 00:09:36,910

they're going to get some hopefully some

228

00:09:40,949 --> 00:09:38,860

letters through the door this time next

229

00:09:42,960 --> 00:09:40,959

year explaining why they need to

230

00:09:44,999 --> 00:09:42,970

demonstrate that they can prove they can

231

00:09:46,230 --> 00:09:45,009

do what they say or they are no longer

232

00:09:48,119 --> 00:09:46,240

allowed to be charities that's what

233

00:09:50,040 --> 00:09:48,129

we're we're thinking will come of this

234

00:09:51,300 --> 00:09:50,050

and it's some certainly good that the

235

00:09:53,699 --> 00:09:51,310

charity creation have committed to doing

236

00:09:56,460 --> 00:09:53,709

this review to start that ball rolling

237

00:09:59,519 --> 00:09:56,470

really it really is and i was actually i

238

00:10:01,410 --> 00:09:59,529

did enjoy the the podcast the skeptics

239

00:10:03,059 --> 00:10:01,420

of the case i normally do enjoy the

240

00:10:05,280 --> 00:10:03,069

podcast skeptics with the k where you

241

00:10:06,600 --> 00:10:05,290

were discussing this very topic and it

242

00:10:08,970 --> 00:10:06,610

occurred to me then as it occurred to me

243

00:10:11,269 --> 00:10:08,980

now that it must be somewhat out of the

244

00:10:13,800 --> 00:10:11,279

experience of these people to get

245

00:10:16,199 --> 00:10:13,810

representation like the ones that you're

246

00:10:19,170 --> 00:10:16,209

presenting about these topics i guess

247

00:10:20,939 --> 00:10:19,180

nobody's ever really done it before yes

248

00:10:22,410 --> 00:10:20,949

as best we can tell that's the case I

249

00:10:24,780 --> 00:10:22,420

mean what one of the charity commission

250

00:10:26,220 --> 00:10:24,790

said in their response to the the

251
00:10:28,410 --> 00:10:26,230
various kind of legal correspondence

252
00:10:30,509 --> 00:10:28,420
we've had is that they recognize they

253
00:10:32,189 --> 00:10:30,519
are not the arbiters of what doesn't

254
00:10:34,410 --> 00:10:32,199
doesn't work hmm and previously they'd

255
00:10:38,309 --> 00:10:34,420
kind of taken an opinion of saying well

256
00:10:40,590 --> 00:10:38,319
if when you were registered as a charity

257
00:10:42,150 --> 00:10:40,600
if that was good enough to convince the

258
00:10:44,400 --> 00:10:42,160
commission that yura you had a

259
00:10:46,590 --> 00:10:44,410
charitable goal at the time then it must

260
00:10:47,879 --> 00:10:46,600
still be fine and they even told us that

261
00:10:49,799 --> 00:10:47,889
there are doubt there are almost

262
00:10:51,689 --> 00:10:49,809
certainly many charities or some

263
00:10:53,100 --> 00:10:51,699

charities that are registered who if

264

00:10:55,980 --> 00:10:53,110

they were to try and register today

265

00:10:57,540 --> 00:10:55,990

would not pass the bar yes yes yeah

266

00:10:59,370 --> 00:10:57,550

which which is our way of saying well

267

00:11:01,110 --> 00:10:59,380

that just means you've got to go back

268

00:11:04,259 --> 00:11:01,120

and look at the other pic we registered

269

00:11:06,360 --> 00:11:04,269

because you can't say as a regulator we

270

00:11:08,189 --> 00:11:06,370

determine who isn't who is and isn't a

271

00:11:10,049 --> 00:11:08,199

charity but we're not going to look at

272

00:11:11,639 --> 00:11:10,059

the people we've already determined you

273

00:11:14,069 --> 00:11:11,649

know you can't do that your job is to

274

00:11:15,809 --> 00:11:14,079

ensure that the people who are claiming

275

00:11:17,730 --> 00:11:15,819

to be charities have a charitable

276

00:11:19,350 --> 00:11:17,740

benefit and you can't just say well we

277

00:11:21,360 --> 00:11:19,360

don't want to go back and look at those

278

00:11:24,449 --> 00:11:21,370

things we don't want a rake over hot or

279

00:11:26,280 --> 00:11:24,459

cold calls as it were so well ya know

280

00:11:28,019 --> 00:11:26,290

it's encouraging you know they might be

281

00:11:30,180 --> 00:11:28,029

in for a bit of a shock now here's a

282

00:11:31,710 --> 00:11:30,190

question I I posed to my listeners a

283

00:11:33,500 --> 00:11:31,720

couple of weeks ago when I was talking

284

00:11:36,630 --> 00:11:33,510

about homeopathy and it's one that

285

00:11:39,180 --> 00:11:36,640

crossed my mind from time to time now we

286

00:11:41,009 --> 00:11:39,190

talked about how me homeopathy here's

287

00:11:42,840 --> 00:11:41,019

some pills they're homeopathic pills or

288

00:11:46,730 --> 00:11:42,850

take this liquid it's homeopathic liquid

289

00:11:49,410 --> 00:11:46,740

but if it's indistinguishable from a

290

00:11:51,630 --> 00:11:49,420

placebo or water or plain water or just

291

00:11:53,340 --> 00:11:51,640

a sugar pill if there's completely no

292

00:11:56,449 --> 00:11:53,350

difference which we suspect is the case

293

00:11:58,920 --> 00:11:56,459

with homeopathy is there such a thing as

294

00:12:01,199 --> 00:11:58,930

homeopathy yeah I mean it's an

295

00:12:04,139 --> 00:12:01,209

interesting question and it's us the

296

00:12:05,819 --> 00:12:04,149

issue is that then comes down to an

297

00:12:09,960 --> 00:12:05,829

advertising claimed more than anything

298

00:12:11,220 --> 00:12:09,970

else hmm and so because it homie opening

299

00:12:13,590 --> 00:12:11,230

is homeopathic if you say it's

300

00:12:15,449 --> 00:12:13,600

homeopathic there is no there's no way

301
00:12:17,610 --> 00:12:15,459
of proving something is or isn't told me

302
00:12:20,280 --> 00:12:17,620
pathak you say it is and you would need

303
00:12:22,590 --> 00:12:20,290
a regular to who took a very hard line

304
00:12:24,509 --> 00:12:22,600
approach of determining whether

305
00:12:25,680 --> 00:12:24,519
something was homeopathic or not and of

306
00:12:28,230 --> 00:12:25,690
course the more you look at it that

307
00:12:29,790 --> 00:12:28,240
they're simply can it be and that's why

308
00:12:31,829 --> 00:12:29,800
even you that million-dollar challenge

309
00:12:33,870 --> 00:12:31,839
for yours is stood up to say you know if

310
00:12:36,269 --> 00:12:33,880
if you can tell one homeopathic remedy

311
00:12:38,040 --> 00:12:36,279
from another yeah that similarly

312
00:12:39,110 --> 00:12:38,050
prepared other you get the million

313
00:12:41,699 --> 00:12:39,120

dollars and that's kind of a

314

00:12:44,610 --> 00:12:41,709

million-dollar question that you often

315

00:12:46,439 --> 00:12:44,620

put to homeopaths because yeah I mean

316

00:12:49,880 --> 00:12:46,449

these these are just sugar pills and it

317

00:12:51,780 --> 00:12:49,890

there was a fantastic case from Nelson's

318

00:12:54,180 --> 00:12:51,790

with the biggest homeopathic

319

00:12:56,250 --> 00:12:54,190

manufacturer in the UK and they supply

320

00:12:58,829 --> 00:12:56,260

boots who's our biggest pharmacy they

321

00:13:00,750 --> 00:12:58,839

supply one of the NHS institutions one

322

00:13:02,040 --> 00:13:00,760

of a few NHS institutions that still fun

323

00:13:03,870 --> 00:13:02,050

to help me or Cathy and we'll come to

324

00:13:05,910 --> 00:13:03,880

that in a minute but they are the

325

00:13:08,220 --> 00:13:05,920

supplies to those and they tried to get

326

00:13:10,230 --> 00:13:08,230

a license to supply to the to the US so

327

00:13:12,150 --> 00:13:10,240

they had to be evaluated by the FDA and

328

00:13:14,460 --> 00:13:12,160

so the FDA had to come in and see how

329

00:13:16,769 --> 00:13:14,470

exactly they're rather the manufacturing

330

00:13:18,930 --> 00:13:16,779

process worked and you've got these

331

00:13:21,210 --> 00:13:18,940

little your vials filled with sugar

332

00:13:23,060 --> 00:13:21,220

pills and they were in on the conveyor

333

00:13:25,680 --> 00:13:23,070

belt so cussing their way along the line

334

00:13:28,680 --> 00:13:25,690

already shaking waiting for the first

335

00:13:30,780 --> 00:13:28,690

drop of homeopathic liquid to go on and

336

00:13:33,110 --> 00:13:30,790

what the FDA found was when when that

337

00:13:35,640 --> 00:13:33,120

drop of liquid first falls on the first

338

00:13:37,440 --> 00:13:35,650

the little dropper comes down and puts a

339

00:13:39,720 --> 00:13:37,450

drop into the vial of homeopathic pills

340

00:13:42,360 --> 00:13:39,730

and gives it a shake and that's how that

341

00:13:45,150 --> 00:13:42,370

that that a vial of pills gets potent

342

00:13:47,460 --> 00:13:45,160

tised and and kind of activated now

343

00:13:48,960 --> 00:13:47,470

obviously the amount of liquid in a

344

00:13:51,300 --> 00:13:48,970

single drop isn't enough to get to the

345

00:13:53,670 --> 00:13:51,310

very bottom pill the 30th pill in the

346

00:13:56,310 --> 00:13:53,680

vial of pills so the bottom pills have

347

00:13:57,840 --> 00:13:56,320

never seen any homeopathic liquid but

348

00:14:00,090 --> 00:13:57,850

the argument that Nelson's essentially

349

00:14:02,390 --> 00:14:00,100

put forward was wealthy the surco shun

350

00:14:04,590 --> 00:14:02,400

the vibrations shaking of user pills

351
00:14:05,880 --> 00:14:04,600
transfers the energy from the Tom pill

352
00:14:07,230 --> 00:14:05,890
which is seen the liquid all the way

353
00:14:09,660 --> 00:14:07,240
down the bottom pill so the ba he'll

354
00:14:11,130 --> 00:14:09,670
still has all be open on it Wow but what

355
00:14:12,750 --> 00:14:11,140
the what the FDA found was even more

356
00:14:13,950 --> 00:14:12,760
astonishing that if you imagine then

357
00:14:15,600 --> 00:14:13,960
that that essentially means that the

358
00:14:17,670 --> 00:14:15,610
pills at the bottom of that packet have

359
00:14:19,470 --> 00:14:17,680
never seen any homeopathic liquid those

360
00:14:21,170 --> 00:14:19,480
are not only pathak pills even by any

361
00:14:23,100 --> 00:14:21,180
definition of it's also just sugar pills

362
00:14:26,250 --> 00:14:23,110
what the FDA actually found was that

363
00:14:28,530 --> 00:14:26,260

because you're you're having these these

364

00:14:30,780 --> 00:14:28,540

vials of homeopathic pills shaking their

365

00:14:33,060 --> 00:14:30,790

way down the conveyor belt and the drop

366

00:14:35,370 --> 00:14:33,070

comes and the droplet the dropper puts a

367

00:14:39,060 --> 00:14:35,380

little pipette a drop of homeopathic

368

00:14:40,890 --> 00:14:39,070

liquid into the the vial on one in six

369

00:14:43,170 --> 00:14:40,900

occasions because the vial is shaking so

370

00:14:46,020 --> 00:14:43,180

vigorous ll vigorously the the drop

371

00:14:47,880 --> 00:14:46,030

missed and hit the conveyor belt and the

372

00:14:49,890 --> 00:14:47,890

pills shake their way down having never

373

00:14:52,020 --> 00:14:49,900

seen any homeopathy apparently nobody

374

00:14:53,340 --> 00:14:52,030

noticed that calls into a hell of a

375

00:14:55,500 --> 00:14:53,350

question and this is the biggest homie

376

00:14:57,180 --> 00:14:55,510

Babbitt manufacturer in the UK I mean

377

00:14:59,190 --> 00:14:57,190

they make an awful lot of money off of

378

00:15:03,360 --> 00:14:59,200

this they supply boots no supply parts

379

00:15:05,240 --> 00:15:03,370

NHS and they were selling pills at least

380

00:15:07,440 --> 00:15:05,250

during the time at the FDA were

381

00:15:09,210 --> 00:15:07,450

investigating they were selling 16 their

382

00:15:11,700 --> 00:15:09,220

pills having never touched a drop of

383

00:15:14,190 --> 00:15:11,710

homeopathic liquid in their lives it's a

384

00:15:15,870 --> 00:15:14,200

espanish it really is that when you when

385

00:15:17,700 --> 00:15:15,880

you tell me these things and I hear it

386

00:15:19,890 --> 00:15:17,710

again and I've heard so many things like

387

00:15:23,490 --> 00:15:19,900

this again and again and again it still

388

00:15:25,560 --> 00:15:23,500

floors me I still find it inconceivable

389

00:15:29,940 --> 00:15:25,570

that this sort of thing can still get

390

00:15:31,260 --> 00:15:29,950

one in this day and age it's and I'm

391

00:15:32,850 --> 00:15:31,270

sure the listeners feel the same way

392

00:15:34,560 --> 00:15:32,860

sometimes you just hear these things and

393

00:15:36,590 --> 00:15:34,570

you just can't believe you your ears

394

00:15:39,360 --> 00:15:36,600

yeah it's it's astonishing I mean I I

395

00:15:40,860 --> 00:15:39,370

it's harder than way because I get a

396

00:15:42,780 --> 00:15:40,870

real kick out of skeptical

397

00:15:44,520 --> 00:15:42,790

investigations and a lot of people say

398

00:15:46,510 --> 00:15:44,530

to me when you when you've been around

399

00:15:48,130 --> 00:15:46,520

this stuff for a long time and you don't

400

00:15:49,780 --> 00:15:48,140

necessarily always feel like you're

401
00:15:51,310 --> 00:15:49,790
getting somewhere what keeps you going

402
00:15:53,620 --> 00:15:51,320
it's that because sometimes you hear

403
00:15:56,680 --> 00:15:53,630
stories like that it's amazing you get

404
00:16:00,430 --> 00:15:56,690
these little glimpses of absolute just

405
00:16:02,770 --> 00:16:00,440
nuts things happening in in a real world

406
00:16:05,380 --> 00:16:02,780
I mean this is a manufacturing plant

407
00:16:07,000 --> 00:16:05,390
that supplies a major national if not

408
00:16:08,500 --> 00:16:07,010
international pharmacy chain and

409
00:16:10,960 --> 00:16:08,510
supplies the National Health Service and

410
00:16:13,180 --> 00:16:10,970
is something as utterly unbelievable

411
00:16:15,130 --> 00:16:13,190
than that happening at the core of it

412
00:16:16,690 --> 00:16:15,140
it's a it's absolutely astonishing and

413
00:16:20,140 --> 00:16:16,700

these these little strange stories that

414

00:16:22,150 --> 00:16:20,150

keep me motivated that and the

415

00:16:24,450 --> 00:16:22,160

occasional big victory like we've had

416

00:16:26,980 --> 00:16:24,460

with the charities thing and the NHS too

417

00:16:29,650 --> 00:16:26,990

well marsh a couple of weeks ago on the

418

00:16:32,500 --> 00:16:29,660

program we had a vet from your part of

419

00:16:34,810 --> 00:16:32,510

the world Denny chambers in fact yes

420

00:16:36,490 --> 00:16:34,820

Danny lovely fella wonderful wonderful

421

00:16:38,800 --> 00:16:36,500

guy and he was railing against

422

00:16:42,310 --> 00:16:38,810

homeopathy being used for animals which

423

00:16:44,560 --> 00:16:42,320

brings me as a funny segue to a posting

424

00:16:46,810 --> 00:16:44,570

I saw recently by the homeopathy plus

425

00:16:50,140 --> 00:16:46,820

people in Australia calling you skeptics

426

00:16:54,190 --> 00:16:50,150

dogs a dog act at wirral what's all that

427

00:16:56,320 --> 00:16:54,200

about yes absolutely i'm not sure

428

00:16:58,120 --> 00:16:56,330

whether I've ever been compared to a dog

429

00:17:00,580 --> 00:16:58,130

before not quite your walk and a dog I

430

00:17:03,100 --> 00:17:00,590

would be maybe listeners can suggest

431

00:17:05,680 --> 00:17:03,110

some i'm not sure but yes no we've we've

432

00:17:07,750 --> 00:17:05,690

had some fantastic news out of the world

433

00:17:09,670 --> 00:17:07,760

so but for listeners on the other side

434

00:17:10,810 --> 00:17:09,680

of the world of various various other

435

00:17:13,449 --> 00:17:10,820

part of the world they might not know

436

00:17:15,250 --> 00:17:13,459

where the world is but as i sit here in

437

00:17:17,440 --> 00:17:15,260

liverpool the world is over the river

438

00:17:19,540 --> 00:17:17,450

where actually Mike hole who's the

439

00:17:21,520 --> 00:17:19,550

president of merv the most sad skeptic

440

00:17:25,150 --> 00:17:21,530

society and the presenter of skeptics

441

00:17:28,890 --> 00:17:25,160

with okay where he lives and because the

442

00:17:31,180 --> 00:17:28,900

NHS in the UK only funds homeopathy on

443

00:17:33,880 --> 00:17:31,190

it still fantoni off of you but it's

444

00:17:36,010 --> 00:17:33,890

it's a diminishing number of places one

445

00:17:37,530 --> 00:17:36,020

of the few places that were left that

446

00:17:39,520 --> 00:17:37,540

funded homeopathy was the world

447

00:17:41,320 --> 00:17:39,530

liverpool used to but liverpool made a

448

00:17:43,120 --> 00:17:41,330

decision in june to stop funding

449

00:17:45,670 --> 00:17:43,130

homeopathy as a result of the campaign

450

00:17:48,790 --> 00:17:45,680

by the the good thinking society that we

451
00:17:50,860 --> 00:17:48,800
ran to press them to review and then to

452
00:17:52,450 --> 00:17:50,870
get people engage in that review so that

453
00:17:53,860 --> 00:17:52,460
they'd actually hear from skeptics

454
00:17:57,100 --> 00:17:53,870
rather than just hearing from homeopathy

455
00:17:59,590 --> 00:17:57,110
thing around and what the sort of follow

456
00:18:00,250 --> 00:17:59,600
up to the loo political consultation if

457
00:18:02,320 --> 00:18:00,260
you will

458
00:18:03,700 --> 00:18:02,330
was over the water their neighbors

459
00:18:05,050 --> 00:18:03,710
decided to review whether they'd

460
00:18:07,030 --> 00:18:05,060
continue funding all we offered me and

461
00:18:08,380 --> 00:18:07,040
because this is conscious consultation

462
00:18:10,180 --> 00:18:08,390
has been going on for it been going on

463
00:18:12,040 --> 00:18:10,190

for about maybe a yearning Lee something

464

00:18:15,280 --> 00:18:12,050

like that in that kind of area we

465

00:18:16,780 --> 00:18:15,290

corralled listeners to the podcasts and

466

00:18:18,460 --> 00:18:16,790

skeptics around the country and

467

00:18:20,200 --> 00:18:18,470

supporters of good thinking and people

468

00:18:23,080 --> 00:18:20,210

who care about evidence-based medicine

469

00:18:24,760 --> 00:18:23,090

and how taxpayer money is spent when it

470

00:18:26,590 --> 00:18:24,770

comes to health care we corralled them

471

00:18:28,090 --> 00:18:26,600

to get involved in this consultation and

472

00:18:30,460 --> 00:18:28,100

what actually happened is the

473

00:18:32,980 --> 00:18:30,470

Constitution report came out and it

474

00:18:35,410 --> 00:18:32,990

turns out 1500 people responded to the

475

00:18:37,630 --> 00:18:35,420

consultation which is a huge number i

476
00:18:39,370 --> 00:18:37,640
mean 700 responded to liverpool that was

477
00:18:41,710 --> 00:18:39,380
considered very large we've more than

478
00:18:44,200 --> 00:18:41,720
doubled that and what they found was of

479
00:18:46,120 --> 00:18:44,210
the people in that number who expressed

480
00:18:48,280 --> 00:18:46,130
an opinion as to whether homeopathy

481
00:18:49,750 --> 00:18:48,290
should I shouldn't be funded ninety-five

482
00:18:51,340 --> 00:18:49,760
percent of people who responded said

483
00:18:55,120 --> 00:18:51,350
homeopathy should not be funded on the

484
00:18:57,370 --> 00:18:55,130
NHS in the world and only 48 people said

485
00:19:00,040 --> 00:18:57,380
it should so purpose were incredibly

486
00:19:01,600 --> 00:19:00,050
small and what was really interesting is

487
00:19:03,880 --> 00:19:01,610
a ten percent of the people who

488
00:19:05,290 --> 00:19:03,890

responded were from the world area and

489

00:19:06,700 --> 00:19:05,300

so the homeopath will obviously say well

490

00:19:08,500 --> 00:19:06,710

this is ninety percent of people from

491

00:19:11,470 --> 00:19:08,510

outside the world flooding this and

492

00:19:13,900 --> 00:19:11,480

changing the way that that you know that

493

00:19:17,110 --> 00:19:13,910

these decisions made locally yeah so if

494

00:19:19,000 --> 00:19:17,120

you look at the numbers of it um if run

495

00:19:20,290 --> 00:19:19,010

about 1,200 people actually answered the

496

00:19:22,450 --> 00:19:20,300

questions to where the homeopathy should

497

00:19:24,520 --> 00:19:22,460

be funded or not of the 1,500 ones of

498

00:19:25,720 --> 00:19:24,530

the consultation so they said ten

499

00:19:27,910 --> 00:19:25,730

percent of people from the world's

500

00:19:29,440 --> 00:19:27,920

that's 120 people from the world answer

501

00:19:31,240 --> 00:19:29,450

that question now if we're being

502

00:19:33,400 --> 00:19:31,250

generous and saying that every single

503

00:19:36,040 --> 00:19:33,410

person who supported homeopathy was from

504

00:19:38,860 --> 00:19:36,050

the world that's still only 48 hour 120

505

00:19:40,900 --> 00:19:38,870

people which is far fewer than half so

506

00:19:42,970 --> 00:19:40,910

even by their if they want to say well

507

00:19:44,530 --> 00:19:42,980

the outside you know people outside of

508

00:19:46,030 --> 00:19:44,540

this area have tried to stop was getting

509

00:19:47,650 --> 00:19:46,040

access to hold me apne well more than

510

00:19:50,590 --> 00:19:47,660

sixty percent of people from that area

511

00:19:52,150 --> 00:19:50,600

at the lowest number also said

512

00:19:54,610 --> 00:19:52,160

homeopathy shouldn't be funded in this

513

00:19:56,590 --> 00:19:54,620

area and so it was a really huge strong

514

00:19:58,810 --> 00:19:56,600

response from skeptics are in the area

515

00:20:01,360 --> 00:19:58,820

around the country and as as a result of

516

00:20:04,480 --> 00:20:01,370

that last week NHS world stopped funding

517

00:20:08,020 --> 00:20:04,490

homeopathy which was huge it was such a

518

00:20:10,990 --> 00:20:08,030

great result for us because it means not

519

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

only is homeopathy done in the northwest

520

00:20:14,259 --> 00:20:13,010

in the livable area because that was a

521

00:20:16,329 --> 00:20:14,269

world was the last one

522

00:20:19,329 --> 00:20:16,339

West but actually homeopathy now in

523

00:20:21,310 --> 00:20:19,339

England is just consigned to a little

524

00:20:23,019 --> 00:20:21,320

bit around the Bristol area hmm and a

525

00:20:24,549 --> 00:20:23,029

little bit in the London area and by a

526

00:20:27,579 --> 00:20:24,559

little bit about three million pounds

527

00:20:29,469 --> 00:20:27,589

ish in London at about 300,000 pounds in

528

00:20:30,969 --> 00:20:29,479

Bristol but those are the only two

529

00:20:32,739 --> 00:20:30,979

cities in England where you can get

530

00:20:34,659 --> 00:20:32,749

homeopathy and then you can also get

531

00:20:36,399 --> 00:20:34,669

some homeopathy in Glasgow and a few

532

00:20:38,799 --> 00:20:36,409

places around there right we are really

533

00:20:40,779 --> 00:20:38,809

starting to push back the time now and

534

00:20:43,810 --> 00:20:40,789

we are really starting to to see real

535

00:20:46,119 --> 00:20:43,820

momentum yeah you know to see haul me

536

00:20:48,369 --> 00:20:46,129

off the ditch on the NHS and it means

537

00:20:50,739 --> 00:20:48,379

this puts a lot of pressure on the

538

00:20:52,749 --> 00:20:50,749

Bristol area as to whether they want to

539

00:20:54,310 --> 00:20:52,759

continue funding something that pretty

540

00:20:56,199 --> 00:20:54,320

much nowhere else in the country will

541

00:20:58,329 --> 00:20:56,209

fund it puts a lot of pressure on London

542

00:21:00,489 --> 00:20:58,339

and it allows us to start looking up to

543

00:21:02,919 --> 00:21:00,499

to Scotland to and seeing what we can do

544

00:21:04,149 --> 00:21:02,929

about asking those areas to start

545

00:21:06,099 --> 00:21:04,159

reviewing because what we find is when

546

00:21:08,919 --> 00:21:06,109

these areas when these different health

547

00:21:10,959 --> 00:21:08,929

bodies start reviewing homeopathy they

548

00:21:12,369 --> 00:21:10,969

recognize there is no good evidence for

549

00:21:14,739 --> 00:21:12,379

this to work there is they recognize

550

00:21:16,479 --> 00:21:14,749

there is no evidence basis previously I

551
00:21:19,209 --> 00:21:16,489
honestly think the reason that they

552
00:21:21,099 --> 00:21:19,219
funded it is because they've heard more

553
00:21:22,599 --> 00:21:21,109
from people who support it than they've

554
00:21:24,339 --> 00:21:22,609
heard from people who were support

555
00:21:26,979 --> 00:21:24,349
evidence-based medicine so they've found

556
00:21:29,440 --> 00:21:26,989
it hard to sort of narrow down the calls

557
00:21:31,060 --> 00:21:29,450
from the patients who truly believe and

558
00:21:33,699 --> 00:21:31,070
they genuinely do believe yeah but this

559
00:21:35,079 --> 00:21:33,709
is the thing that treats them but what

560
00:21:36,849 --> 00:21:35,089
we've allowed to what this campaign is

561
00:21:39,339 --> 00:21:36,859
allowed us to do is to give an

562
00:21:41,529 --> 00:21:39,349
opposition voice so the doctors aren't

563
00:21:43,149 --> 00:21:41,539

just hearing from you know 4050 people

564

00:21:44,649 --> 00:21:43,159

who say this is the most important

565

00:21:45,969 --> 00:21:44,659

medicine for me but they're hearing from

566

00:21:47,560 --> 00:21:45,979

people on the other side who say you

567

00:21:50,199 --> 00:21:47,570

need to spend this money on stuff that

568

00:21:51,849 --> 00:21:50,209

works because we don't have an infinite

569

00:21:54,099 --> 00:21:51,859

amount of money this is a very finite

570

00:21:56,589 --> 00:21:54,109

pot and you need to do the best job you

571

00:21:59,440 --> 00:21:56,599

can for for sick people in your area and

572

00:22:01,539 --> 00:21:59,450

that allows the doctors to to make a

573

00:22:03,549 --> 00:22:01,549

decision kind of based on their their

574

00:22:05,979 --> 00:22:03,559

their conscience their their medical

575

00:22:07,810 --> 00:22:05,989

expertise based on the evidence basis

576

00:22:09,849 --> 00:22:07,820

and by and large as best we can tell

577

00:22:11,680 --> 00:22:09,859

there are very very few doctors who

578

00:22:13,509 --> 00:22:11,690

believe homeopathy works because the

579

00:22:16,089 --> 00:22:13,519

majority of them have a very very good

580

00:22:17,589 --> 00:22:16,099

at good medical education and the two

581

00:22:19,209 --> 00:22:17,599

don't necessarily always go in hand in

582

00:22:20,739 --> 00:22:19,219

hand is it's very hard to find people

583

00:22:21,789 --> 00:22:20,749

who've got a strong medical education

584

00:22:24,700 --> 00:22:21,799

who still believe homeopathy works

585

00:22:26,470 --> 00:22:24,710

absolutely and you've just hit the the

586

00:22:30,490 --> 00:22:26,480

word i was about to

587

00:22:32,770 --> 00:22:30,500

to say their education I think the more

588

00:22:36,750 --> 00:22:32,780

people are educated as to what exactly

589

00:22:40,360 --> 00:22:36,760

homeopathy is the more people will

590

00:22:42,610 --> 00:22:40,370

disregard it because you know a lot of

591

00:22:45,850 --> 00:22:42,620

people still think it's some sort of

592

00:22:49,060 --> 00:22:45,860

natural medicine or and it works on very

593

00:22:51,580 --> 00:22:49,070

small doses yeah absolutely and this

594

00:22:53,049 --> 00:22:51,590

goes back to pretty much the first thing

595

00:22:54,880 --> 00:22:53,059

that I ever did as a skeptic or one of

596

00:22:57,039 --> 00:22:54,890

the first things I ever got involved in

597

00:22:59,500 --> 00:22:57,049

as a skeptic which is the 10 23 campaign

598

00:23:01,930 --> 00:22:59,510

which was designed to tackle exactly

599

00:23:03,970 --> 00:23:01,940

that point as that majority people do

600

00:23:05,919 --> 00:23:03,980

not know what homeopathy is or maybe

601
00:23:07,600 --> 00:23:05,929
maybe these days maybe these days people

602
00:23:09,610 --> 00:23:07,610
do not you know maybe maybe that time

603
00:23:11,799 --> 00:23:09,620
has also turned it may be more people

604
00:23:13,539 --> 00:23:11,809
know what homeopathy is than they used

605
00:23:15,220 --> 00:23:13,549
to but certainly when I first got

606
00:23:16,840 --> 00:23:15,230
involved in skepticism the majority

607
00:23:18,760 --> 00:23:16,850
people least built 20 would think that

608
00:23:20,980 --> 00:23:18,770
homeopathy was herbal medicine on

609
00:23:24,669 --> 00:23:20,990
natural medicine and our big point was

610
00:23:27,190 --> 00:23:24,679
the biggest threat to homeopathy is an

611
00:23:28,750 --> 00:23:27,200
awareness of homeopathy the absolute

612
00:23:31,120 --> 00:23:28,760
number one threat to a belief in

613
00:23:33,100 --> 00:23:31,130

homeopathy is an understanding of

614

00:23:34,750 --> 00:23:33,110

homeopathy and that's all we were trying

615

00:23:37,110 --> 00:23:34,760

to spread with 10 23 when we run our

616

00:23:39,159 --> 00:23:37,120

series of international homeopathy

617

00:23:40,720 --> 00:23:39,169

overdoses to demonstrate that these

618

00:23:43,030 --> 00:23:40,730

things are sugar pills and it's what

619

00:23:44,950 --> 00:23:43,040

we've been doing guiding our work not

620

00:23:47,110 --> 00:23:44,960

only as a volunteer my work with the

621

00:23:48,760 --> 00:23:47,120

most I'd skeptic ciety but now the last

622

00:23:50,250 --> 00:23:48,770

two and a half years my work with good

623

00:23:52,960 --> 00:23:50,260

thinking society is a full-time

624

00:23:54,280 --> 00:23:52,970

skeptical activist that's been a kind of

625

00:23:56,080 --> 00:23:54,290

a cornerstone of what we've been trying

626

00:23:57,789 --> 00:23:56,090

to do is to educate the public to

627

00:23:59,770 --> 00:23:57,799

demonstrate what hold me up at the is

628

00:24:01,840 --> 00:23:59,780

because even now you tell people or

629

00:24:04,000 --> 00:24:01,850

people what homeopathy is and they look

630

00:24:05,530 --> 00:24:04,010

at you like you're making it up yeah

631

00:24:08,289 --> 00:24:05,540

they look at you like you're talking

632

00:24:10,840 --> 00:24:08,299

absolute gibberish but yeah all you need

633

00:24:13,060 --> 00:24:10,850

to do is repeat to to your average

634

00:24:14,500 --> 00:24:13,070

person what a homeopath even would say

635

00:24:16,210 --> 00:24:14,510

homeopathy was if they were really

636

00:24:17,830 --> 00:24:16,220

pushed on it and they will they will

637

00:24:20,680 --> 00:24:17,840

recognize that there is actually nothing

638

00:24:23,260 --> 00:24:20,690

in here to to believe I put your faith

639

00:24:24,669 --> 00:24:23,270

in well marsh I'm sure you'll be

640

00:24:26,620 --> 00:24:24,679

discussing many things including

641

00:24:30,310 --> 00:24:26,630

homeopathy yet the upcoming very

642

00:24:32,409 --> 00:24:30,320

exciting folks upcoming QED and oh I

643

00:24:34,890 --> 00:24:32,419

wish I was going to be there but if I

644

00:24:37,360 --> 00:24:34,900

was I think I'd be lost in the crowd

645

00:24:39,600 --> 00:24:37,370

yeah it's gonna be huge this year we've

646

00:24:41,070 --> 00:24:39,610

got a 600 people or

647

00:24:43,049 --> 00:24:41,080

tending and then once you add in all

648

00:24:44,400 --> 00:24:43,059

kind of speakers and panelists and

649

00:24:46,049 --> 00:24:44,410

everything like that it's going to be a

650

00:24:48,180 --> 00:24:46,059

huge huge number of people i think

651
00:24:50,850 --> 00:24:48,190
possibly the biggest skeptical

652
00:24:52,080 --> 00:24:50,860
conference in europe if not currently in

653
00:24:53,520 --> 00:24:52,090
the world i'm not quite sure how big are

654
00:24:55,610 --> 00:24:53,530
the ones are but certainly it's one of

655
00:24:58,260 --> 00:24:55,620
the biggest ones in the world new user

656
00:25:00,270 --> 00:24:58,270
amazing to think of where we were when

657
00:25:02,789 --> 00:25:00,280
we first started this in 2011 as a

658
00:25:06,120 --> 00:25:02,799
little idea that we had a couple hundred

659
00:25:07,980 --> 00:25:06,130
people along to complete amateurs like

660
00:25:09,860 --> 00:25:07,990
ourselves putting this on as volunteers

661
00:25:12,419 --> 00:25:09,870
and here we are still volunteers

662
00:25:14,880 --> 00:25:12,429
organizing that the biggest QD we've

663
00:25:16,500 --> 00:25:14,890

ever had this year not only because

664

00:25:19,320 --> 00:25:16,510

there's more people there than we've

665

00:25:23,370 --> 00:25:19,330

ever had but this year we normally run a

666

00:25:25,020 --> 00:25:23,380

mainstage room and we always run at a

667

00:25:26,490 --> 00:25:25,030

panel room at the same time so you get

668

00:25:28,919 --> 00:25:26,500

these kind of breakout sessions so you

669

00:25:31,169 --> 00:25:28,929

get a tough choices to which room you'll

670

00:25:32,310 --> 00:25:31,179

be in and it's hard to decide in any

671

00:25:33,840 --> 00:25:32,320

given point whether you want to be in

672

00:25:35,669 --> 00:25:33,850

this room of the other and so to make

673

00:25:38,580 --> 00:25:35,679

that choice much easier this year we're

674

00:25:40,470 --> 00:25:38,590

running five different rooms at once to

675

00:25:42,980 --> 00:25:40,480

really reach you give people some some

676

00:25:46,470 --> 00:25:42,990

tricky choices yeah it's just gonna be a

677

00:25:49,909 --> 00:25:46,480

very busy weekend coming from all around

678

00:25:54,600 --> 00:25:49,919

the world to join us so I'm very excited

679

00:25:56,880 --> 00:25:54,610

I'm wildly stressed and mildly terrified

680

00:25:58,169 --> 00:25:56,890

but it wouldn't be organizing a

681

00:26:00,150 --> 00:25:58,179

conference if you didn't feel all those

682

00:26:01,919 --> 00:26:00,160

all those stresses and strains and

683

00:26:04,080 --> 00:26:01,929

things ahead of time but yeah I'm very

684

00:26:05,760 --> 00:26:04,090

very enthusiastic about it oh I hear you

685

00:26:07,890 --> 00:26:05,770

Martian folks we're recording this

686

00:26:10,380 --> 00:26:07,900

interview a few days before QED although

687

00:26:14,669 --> 00:26:10,390

it's going out actually it's going out

688

00:26:17,310 --> 00:26:14,679

during QED if you're downloading this

689

00:26:18,960 --> 00:26:17,320

and listening to us QED is sort of on

690

00:26:22,080 --> 00:26:18,970

right now you've got many international

691

00:26:23,909 --> 00:26:22,090

guests appearing including our very own

692

00:26:27,450 --> 00:26:23,919

dr. Cole cruising iski and that's just

693

00:26:30,020 --> 00:26:27,460

fantastic yes absolutely yeah Carl very

694

00:26:32,730 --> 00:26:30,030

excited to have dr. Carl he's done some

695

00:26:36,270 --> 00:26:32,740

obvious he's got a fantastic BBC show

696

00:26:38,580 --> 00:26:36,280

that goes on nose up all night on on the

697

00:26:40,260 --> 00:26:38,590

beauty every all the time and that's a

698

00:26:42,720 --> 00:26:40,270

great show and we're looking forward to

699

00:26:44,370 --> 00:26:42,730

his talk and he's doing a panel for us

700

00:26:45,720 --> 00:26:44,380

on how to inspire kids to get into

701

00:26:47,310 --> 00:26:45,730

science and he's doing another panel

702

00:26:49,980 --> 00:26:47,320

where he'll just answer whatever

703

00:26:52,110 --> 00:26:49,990

question our audience throw at him and I

704

00:26:53,460 --> 00:26:52,120

will you what I think but I think that's

705

00:26:54,899 --> 00:26:53,470

that's the thing about QED

706

00:26:57,360 --> 00:26:54,909

and it was the same when you were there

707

00:26:59,340 --> 00:26:57,370

when you came over moment you've been on

708

00:27:01,649 --> 00:26:59,350

for Richard that people when they get to

709

00:27:03,870 --> 00:27:01,659

QED they they kind of want to be part of

710

00:27:05,789 --> 00:27:03,880

it and just do whatever it takes to make

711

00:27:07,649 --> 00:27:05,799

you d as good as possible i really like

712

00:27:09,360 --> 00:27:07,659

that kind of spirit that ethos of QED is

713

00:27:10,919 --> 00:27:09,370

that we have our speakers and they all

714

00:27:14,640 --> 00:27:10,929

just want to sort pitch in and go well

715

00:27:17,279 --> 00:27:14,650

I'm here now what can I do where can I

716

00:27:18,419 --> 00:27:17,289

go what can you use before and just all

717

00:27:21,870 --> 00:27:18,429

kind of joining I think it kind of

718

00:27:24,510 --> 00:27:21,880

people seem to really buy into that that

719

00:27:26,549 --> 00:27:24,520

that volunteer all in it together all

720

00:27:28,529 --> 00:27:26,559

equal spirit I think and that's that's

721

00:27:31,049 --> 00:27:28,539

really what cutie is all about for us is

722

00:27:33,090 --> 00:27:31,059

that we've got 650 or whatever people

723

00:27:35,310 --> 00:27:33,100

there in a room and order in a hotel for

724

00:27:36,450 --> 00:27:35,320

weekend but we are all part of the same

725

00:27:38,549 --> 00:27:36,460

thing we're all part of one big

726

00:27:40,980 --> 00:27:38,559

community and that we're all there to

727

00:27:42,990 --> 00:27:40,990

kind of join together and support each

728

00:27:44,370 --> 00:27:43,000

other and find out how we can do things

729

00:27:47,250 --> 00:27:44,380

as well as possible with each other

730

00:27:50,159 --> 00:27:47,260

really it is and I certainly felt the

731

00:27:52,289 --> 00:27:50,169

same thing when i did my i was very

732

00:27:55,110 --> 00:27:52,299

lucky to make two appearances at QED two

733

00:27:58,049 --> 00:27:55,120

years running and i hope i shall make

734

00:28:02,399 --> 00:27:58,059

many more in the years ahead folks QED

735

00:28:03,870 --> 00:28:02,409

QED con dog although it's sort of

736

00:28:06,720 --> 00:28:03,880

underway at the moment but you can still

737

00:28:09,120 --> 00:28:06,730

check it out but never fear folks in

738

00:28:10,919 --> 00:28:09,130

australia if you can't make QED oh by

739

00:28:12,840 --> 00:28:10,929

the way our very own iran say give will

740

00:28:15,029 --> 00:28:12,850

be at QED to mush so it'll be something

741

00:28:16,649 --> 00:28:15,039

great and yes i'm looking forward to

742

00:28:18,210 --> 00:28:16,659

seeing around it's been a year since I a

743

00:28:19,470 --> 00:28:18,220

sore on some very much looking forward

744

00:28:21,570 --> 00:28:19,480

to seeing again it's always nice to have

745

00:28:23,130 --> 00:28:21,580

some representatives of the Australian

746

00:28:24,779 --> 00:28:23,140

contingent well I'm glad you feel that

747

00:28:28,710 --> 00:28:24,789

way because you'll be here soon enough

748

00:28:30,240 --> 00:28:28,720

in fact in late November you will be you

749

00:28:33,779 --> 00:28:30,250

will be appearing at the Australian

750

00:28:35,130 --> 00:28:33,789

skeptics convention in Melbourne yes I

751
00:28:37,260 --> 00:28:35,140
can't wait I've never been to Melbourne

752
00:28:41,610 --> 00:28:37,270
before I was I was very very fortunate

753
00:28:42,960 --> 00:28:41,620
to be graciously invited I mean to the

754
00:28:45,419 --> 00:28:42,970
Sydney convention a couple years ago I

755
00:28:47,159 --> 00:28:45,429
had a hugely enjoyable time there and I

756
00:28:48,600 --> 00:28:47,169
went off to Brisbane to and I met some

757
00:28:49,799 --> 00:28:48,610
the Brisbane skeptics I really enjoyed

758
00:28:53,190 --> 00:28:49,809
it there so Melbourne is gonna be a

759
00:28:55,289 --> 00:28:53,200
another experience another city to add

760
00:28:57,240 --> 00:28:55,299
to the the list and I've heard only good

761
00:28:59,210 --> 00:28:57,250
things about it and yeah I'm hoping to

762
00:29:02,070 --> 00:28:59,220
meet lots of Australian skeptics and

763
00:29:04,049 --> 00:29:02,080

enjoy the Australian skeptics a kind of

764

00:29:05,700 --> 00:29:04,059

community while I merrily oh you will

765

00:29:07,110 --> 00:29:05,710

folks I and don't forget you can still

766

00:29:09,570 --> 00:29:07,120

get your tickets unlike

767

00:29:10,980 --> 00:29:09,580

QED which is all over now practically

768

00:29:14,070 --> 00:29:10,990

it's all over even so get your tickets

769

00:29:16,920 --> 00:29:14,080

for the Australian one convention dot

770

00:29:18,360 --> 00:29:16,930

skeptics dot-com dot a you and that's in

771

00:29:20,730 --> 00:29:18,370

Melbourne on the twenty-fifth to the

772

00:29:23,970 --> 00:29:20,740

27th and November sounds good to me and

773

00:29:27,150 --> 00:29:23,980

for those folks in Sydney Marshall also

774

00:29:28,590 --> 00:29:27,160

be making appearance here after the

775

00:29:30,750 --> 00:29:28,600

convention but we'll get you more

776

00:29:33,570 --> 00:29:30,760

details about that when they come to

777

00:29:35,250 --> 00:29:33,580

hand well I better let you get back to

778

00:29:37,530 --> 00:29:35,260

it I'm sure you have more meetings to

779

00:29:41,070 --> 00:29:37,540

arrange and things to organize and I

780

00:29:43,140 --> 00:29:41,080

don't know transport to get people back

781

00:29:45,299 --> 00:29:43,150

and forth it's quite it's quite an

782

00:29:47,490 --> 00:29:45,309

adventure to organize a convention

783

00:29:51,360 --> 00:29:47,500

having done a couple myself I can only

784

00:29:53,910 --> 00:29:51,370

wish you the best and but for now Marsh

785

00:29:57,270 --> 00:29:53,920

how can people get in touch and help you

786

00:29:58,980 --> 00:29:57,280

out well the best thing for people to do

787

00:30:00,720 --> 00:29:58,990

will be to got a good thinking start a

788

00:30:03,210 --> 00:30:00,730

dog and you can see all of our work

789

00:30:05,400 --> 00:30:03,220

there but of course we are a charity and

790

00:30:07,380 --> 00:30:05,410

we are a charity that promotes good

791

00:30:09,990 --> 00:30:07,390

evidence based policy so hopefully we

792

00:30:12,270 --> 00:30:10,000

want to be be gotten rid of by the

793

00:30:13,560 --> 00:30:12,280

cherry Commission's review but as you

794

00:30:14,790 --> 00:30:13,570

can imagine the work we've done with the

795

00:30:16,500 --> 00:30:14,800

charity commission the work we've done

796

00:30:18,360 --> 00:30:16,510

with NHS homeopathy that's taken up

797

00:30:20,610 --> 00:30:18,370

quite a lot of time and quite above our

798

00:30:21,900 --> 00:30:20,620

our kind of our space in our resources

799

00:30:23,730 --> 00:30:21,910

and stuff like that so if anybody

800

00:30:26,010 --> 00:30:23,740

appreciates the work that we do and

801
00:30:28,200 --> 00:30:26,020
thinks it should continue they can go to

802
00:30:30,480 --> 00:30:28,210
good thinking son org forward slash

803
00:30:32,520 --> 00:30:30,490
donut and even something like you know

804
00:30:34,080 --> 00:30:32,530
three pounds or was that five dollars or

805
00:30:36,120 --> 00:30:34,090
something which is the price of a cup of

806
00:30:37,650 --> 00:30:36,130
coffee among something like that makes a

807
00:30:38,940 --> 00:30:37,660
huge huge difference with such a small

808
00:30:40,950 --> 00:30:38,950
charity and we're hoping that we can

809
00:30:43,380 --> 00:30:40,960
continue for years to come and the more

810
00:30:45,270 --> 00:30:43,390
people that support us and say I believe

811
00:30:47,280 --> 00:30:45,280
this work should carry on the more

812
00:30:48,600 --> 00:30:47,290
likelihood we have of existing in sort

813
00:30:50,520 --> 00:30:48,610

of three four or five years time to

814

00:30:52,740 --> 00:30:50,530

carry on doing work really so yeah good

815

00:30:54,780 --> 00:30:52,750

thinking started already and I think for

816

00:30:58,350 --> 00:30:54,790

our international listeners and by that

817

00:31:01,500 --> 00:30:58,360

I mean listeners outside the UK I think

818

00:31:03,270 --> 00:31:01,510

your your euro or your Australian dollar

819

00:31:05,280 --> 00:31:03,280

or your American dollar or you're

820

00:31:07,650 --> 00:31:05,290

canadian dollar go a lot further these

821

00:31:09,870 --> 00:31:07,660

days I think the pounds got baby true

822

00:31:12,120 --> 00:31:09,880

hmm if there's one thing that Boris

823

00:31:14,220 --> 00:31:12,130

Johnson and Nigel Farage have done us a

824

00:31:16,169 --> 00:31:14,230

service on it means anybody outside the

825

00:31:18,840 --> 00:31:16,179

UK who wants to fund our work and now do

826

00:31:20,970 --> 00:31:18,850

so with their pocket change you could

827

00:31:22,620 --> 00:31:20,980

basically secure my long-term few

828

00:31:25,710 --> 00:31:22,630

show with the change you got under bus

829

00:31:27,840 --> 00:31:25,720

installing in this pause brexit world so

830

00:31:31,200 --> 00:31:27,850

every cloud passer if not a silver

831

00:31:33,480 --> 00:31:31,210

lining that at inlining i guess all

832

00:31:35,850 --> 00:31:33,490

right well for now marsh and all the

833

00:31:37,650 --> 00:31:35,860

best for QED coming up thank you very

834

00:31:57,299 --> 00:31:37,660

much chairs wretched always a pleasure

835

00:32:03,570 --> 00:32:01,860

hey Richard oh hi Trish Wow would you

836

00:32:05,279 --> 00:32:03,580

like a coffee yeah thanks what you're

837

00:32:07,470 --> 00:32:05,289

working on you're trying to come up with

838

00:32:10,739 --> 00:32:07,480

a new promo to play on the skeptic zone

839

00:32:12,539 --> 00:32:10,749

here's it for the good thinking society

840

00:32:15,090 --> 00:32:12,549

in the UK you know Michael Marshall

841

00:32:17,129 --> 00:32:15,100

Simon Singh Nora Thomas and background

842

00:32:18,690 --> 00:32:17,139

oh yeah I know them they've been doing

843

00:32:21,930 --> 00:32:18,700

some great work investigating veterinary

844

00:32:24,600 --> 00:32:21,940

homeopathy vetri homeopathy what you

845

00:32:25,980 --> 00:32:24,610

sugarpill this for cows I know right and

846

00:32:27,629 --> 00:32:25,990

also they're looking at some of the

847

00:32:30,149 --> 00:32:27,639

dodgy medical advice given by UK

848

00:32:32,190 --> 00:32:30,159

chiropractors really okay look I'll

849

00:32:37,220 --> 00:32:32,200

mention all that in the promo now their

850

00:32:39,539 --> 00:32:37,230

website is good thinking society com and

851

00:32:41,310 --> 00:32:39,549

they've recently been reporting on the

852

00:32:43,950 --> 00:32:41,320

resurgence of faith healer peter Popoff

853

00:32:45,359 --> 00:32:43,960

Peter come on right okay look thanks to

854

00:33:00,190 --> 00:32:45,369

that it gives me something good to think

855

00:33:06,500 --> 00:33:03,430

now once again we find ourselves

856

00:33:12,200 --> 00:33:06,510

visiting the site of a reasonable Hank

857

00:33:15,350 --> 00:33:12,210

at reasonable Hank calm the man who's

858

00:33:18,440 --> 00:33:15,360

been looking into the online postings of

859

00:33:21,440 --> 00:33:18,450

nurses and midwives you should know

860

00:33:24,320 --> 00:33:21,450

better because they are some of them a

861

00:33:27,799 --> 00:33:24,330

very tiny minority of course our auntie

862

00:33:30,080 --> 00:33:27,809

backs and they're not shy about it well

863

00:33:34,190 --> 00:33:30,090

thanks to people like reasonable Hank

864

00:33:37,370 --> 00:33:34,200

the nursing and midwifery Board of

865

00:33:40,190 --> 00:33:37,380

Australia has issued a position

866

00:33:42,769 --> 00:33:40,200

statement on anti-vaccine nurses and

867

00:33:46,100 --> 00:33:42,779

midwives as reported at a reasonable

868

00:33:47,990 --> 00:33:46,110

Hank on October the 11th 2016 the nurses

869

00:33:49,789 --> 00:33:48,000

and midwifery Board of Australia

870

00:33:52,220 --> 00:33:49,799

responded to a number of complaints

871

00:33:55,039 --> 00:33:52,230

regarding anti-vaccination material and

872

00:33:57,500 --> 00:33:55,049

advice being disseminated by registered

873

00:34:00,649 --> 00:33:57,510

nurses enrolled nurses and registered

874

00:34:02,659 --> 00:34:00,659

midwives by publishing a new position

875

00:34:05,450 --> 00:34:02,669

statement on anti-vaccination

876
00:34:07,519 --> 00:34:05,460
information Nursing and Midwifery Board

877
00:34:12,349 --> 00:34:07,529
of Australia position on nurses midwives

878
00:34:14,419 --> 00:34:12,359
and vaccination the nmba has become

879
00:34:17,030 --> 00:34:14,429
aware that there are a small number of

880
00:34:18,950 --> 00:34:17,040
registered nurses enroll nurses and

881
00:34:21,290 --> 00:34:18,960
midwives who are promoting

882
00:34:23,930 --> 00:34:21,300
anti-vaccination statements to parents

883
00:34:26,780 --> 00:34:23,940
and to the public via social media which

884
00:34:29,690 --> 00:34:26,790
contradict the best available scientific

885
00:34:32,990 --> 00:34:29,700
evidence the nmba is taking this

886
00:34:35,210 --> 00:34:33,000
opportunity to make its expectations

887
00:34:37,849 --> 00:34:35,220
about providing advice on vaccinations

888
00:34:42,230 --> 00:34:37,859

clear to registered nurses enrolled

889

00:34:43,639 --> 00:34:42,240

nurses and midwives the nmba recognizes

890

00:34:46,579 --> 00:34:43,649

the Australian national immunization

891

00:34:48,530 --> 00:34:46,589

handbook 10th edition as providing

892

00:34:50,659 --> 00:34:48,540

evidence based advice to health

893

00:34:54,050 --> 00:34:50,669

professionals about the safe and

894

00:34:55,700 --> 00:34:54,060

effective use of vaccines and the public

895

00:34:59,100 --> 00:34:55,710

health benefits associated with

896

00:35:01,500 --> 00:34:59,110

vaccination the nmba supports the

897

00:35:03,570 --> 00:35:01,510

the handbook by registered nurses

898

00:35:05,880 --> 00:35:03,580

enrolled nurses and midwives who are

899

00:35:08,370 --> 00:35:05,890

giving vaccines the handbook is

900

00:35:11,880 --> 00:35:08,380

available from the immunized Australia

901
00:35:14,460 --> 00:35:11,890
Program website the nmba expects all

902
00:35:16,440 --> 00:35:14,470
registered nurses enrolled nurses and

903
00:35:19,530 --> 00:35:16,450
midwives to use the best available

904
00:35:22,200 --> 00:35:19,540
evidence in making practice decisions

905
00:35:24,120 --> 00:35:22,210
this includes providing information to

906
00:35:26,730 --> 00:35:24,130
the public about public health issues

907
00:35:29,940 --> 00:35:26,740
all registered nurses enrolled nurses

908
00:35:31,890 --> 00:35:29,950
and midwives are required to practice in

909
00:35:34,650 --> 00:35:31,900
accordance with professional standards

910
00:35:36,560 --> 00:35:34,660
set by the nmba including the codes of

911
00:35:39,750 --> 00:35:36,570
conduct codes of ethics and the

912
00:35:42,960 --> 00:35:39,760
standards for practice in particular the

913
00:35:44,790 --> 00:35:42,970

social media policy and the guidelines

914

00:35:48,390 --> 00:35:44,800

for advertising regulated health

915

00:35:51,210 --> 00:35:48,400

services what should I do if I notice a

916

00:35:53,700 --> 00:35:51,220

nurse or midwife is promoting

917

00:35:56,310 --> 00:35:53,710

anti-vaccination material if you have

918

00:36:01,170 --> 00:35:56,320

concerns about a nurse or a midwife you

919

00:36:04,380 --> 00:36:01,180

can make a complaint to the ahpra the

920

00:36:06,990 --> 00:36:04,390

nmba will consider whether the nurse or

921

00:36:09,390 --> 00:36:07,000

midwife has breached their professional

922

00:36:12,420 --> 00:36:09,400

obligations and will treat these matters

923

00:36:15,570 --> 00:36:12,430

seriously any published anti-vaccination

924

00:36:18,000 --> 00:36:15,580

material and or advice which is false

925

00:36:19,740 --> 00:36:18,010

misleading or deceptive which is being

926

00:36:22,380 --> 00:36:19,750

distributed by a registered nurse

927

00:36:25,440 --> 00:36:22,390

enrolled nurse or midwife including via

928

00:36:28,290 --> 00:36:25,450

social media may also contribute to a

929

00:36:31,200 --> 00:36:28,300

summary offence under the national law

930

00:36:36,120 --> 00:36:31,210

and could result in prosecution by the

931

00:36:39,000 --> 00:36:36,130

ahp are a pretty strong stuff I'm sure

932

00:36:41,340 --> 00:36:39,010

you'll agree and we wonder whether this

933

00:36:43,740 --> 00:36:41,350

will this message will sink into the

934

00:36:47,880 --> 00:36:43,750

staunch anti-vaccination midwives and

935

00:36:51,390 --> 00:36:47,890

nurses out there who we again stress are

936

00:36:53,160 --> 00:36:51,400

a tiny minority a tiny minority well

937

00:36:55,620 --> 00:36:53,170

done again reasonable Hank for helping

938

00:36:58,110 --> 00:36:55,630

to bring this situation to our attention

939

00:37:15,380 --> 00:36:58,120

and I will add a link in this week's

940

00:37:21,390 --> 00:37:18,240

the skeptic magazine the journal from

941

00:37:23,580 --> 00:37:21,400

Australian skeptics subscribe online to

942

00:37:28,890 --> 00:37:23,590

the world's second oldest skeptical

943

00:37:31,650 --> 00:37:28,900

magazine visit w WC apx com au and click

944

00:37:35,640 --> 00:37:31,660

the publication's league you can also

945

00:37:38,940 --> 00:37:35,650

find their over 30 years on back issues

946

00:37:52,910 --> 00:37:38,950

free to download the skeptic magazine

947

00:38:00,070 --> 00:37:52,920

from Australian skeptics here's may not

948

00:38:05,180 --> 00:38:03,350

yes tonight it's dr. Ben Goldacre live

949

00:38:06,770 --> 00:38:05,190

on stage here at the enmore theatre

950

00:38:09,170 --> 00:38:06,780

he'll be doing all these big hits like

951
00:38:11,330 --> 00:38:09,180
oh you know I don't know lots of things

952
00:38:13,490 --> 00:38:11,340
like don't trust big pharma sometimes do

953
00:38:15,470 --> 00:38:13,500
sometimes don't you'll be doing I think

954
00:38:18,080 --> 00:38:15,480
he does a relationship advice as well

955
00:38:19,490 --> 00:38:18,090
and he even got sexual dysfunction he

956
00:38:21,890 --> 00:38:19,500
does it all he's a doctor after all I

957
00:38:24,200 --> 00:38:21,900
mean it the doctor is in tonight here at

958
00:38:26,120 --> 00:38:24,210
the enmore theatre look we're out the

959
00:38:27,770 --> 00:38:26,130
foyer everyone's talking big farmer

960
00:38:29,870 --> 00:38:27,780
everyone's talking big drinking Evans

961
00:38:31,850 --> 00:38:29,880
talking big red wine and I hit with

962
00:38:34,070 --> 00:38:31,860
Robin Williams how are you Robin not

963
00:38:35,600 --> 00:38:34,080

very bad my class is very small actually

964

00:38:37,040 --> 00:38:35,610

it's very worried yeah look there's

965

00:38:39,980 --> 00:38:37,050

something special about theatre and

966

00:38:41,660 --> 00:38:39,990

plastic wine drinking be kissing do I

967

00:38:43,910 --> 00:38:41,670

blame the government it all look well I

968

00:38:46,040 --> 00:38:43,920

really i did on the way here I same time

969

00:38:48,560 --> 00:38:46,050

how're things at the ABC in the science

970

00:38:51,220 --> 00:38:48,570

department shall we say mixed the

971

00:38:54,200 --> 00:38:51,230

programs are fantastically well received

972

00:38:57,620 --> 00:38:54,210

my colleagues right across the board dr.

973

00:38:59,600 --> 00:38:57,630

Carl of course yeah Bernie Hobbs the

974

00:39:03,140 --> 00:38:59,610

people from catalyst one of whom is next

975

00:39:05,800 --> 00:39:03,150

to me right now Jonica newbie and the

976

00:39:08,210 --> 00:39:05,810

television stuff as well as the sps

977

00:39:09,950 --> 00:39:08,220

science programs actually how would you

978

00:39:11,840 --> 00:39:09,960

describe the state of science reporting

979

00:39:13,160 --> 00:39:11,850

in Australia at the moment I mean when

980

00:39:15,680 --> 00:39:13,170

the telly writes something it's always a

981

00:39:17,920 --> 00:39:15,690

bit more strange but it's a generally

982

00:39:19,870 --> 00:39:17,930

better than it's been

983

00:39:21,670 --> 00:39:19,880

as far as getting things right not just

984

00:39:24,700 --> 00:39:21,680

throwing a big headline like can secure

985

00:39:27,339 --> 00:39:24,710

it I don't count the telegraph in Sydney

986

00:39:29,549 --> 00:39:27,349

as a newspaper that's true it's a loud

987

00:39:33,069 --> 00:39:29,559

comic as some of the things they do are

988

00:39:35,290 --> 00:39:33,079

beyond belief however the people from

989

00:39:38,260 --> 00:39:35,300

Fairfax are good John Ross from the

990

00:39:41,980 --> 00:39:38,270

Australian newspaper is bloody good and

991

00:39:46,030 --> 00:39:41,990

i must say that in the ABC is quite good

992

00:39:49,720 --> 00:39:46,040

but as a species well i know how the

993

00:39:51,339 --> 00:39:49,730

dodo felt yes and is it still normal for

994

00:39:53,109 --> 00:39:51,349

people to be the Science reporter and

995

00:39:54,910 --> 00:39:53,119

the coal reporter or the theater

996

00:39:56,950 --> 00:39:54,920

reviewer is it is it still a specialized

997

00:39:59,410 --> 00:39:56,960

beat in this country no it's not quite

998

00:40:01,990 --> 00:39:59,420

so much like that but Jonathan newbie

999

00:40:04,599 --> 00:40:02,000

who's next to me as I speak as i said in

1000

00:40:07,510 --> 00:40:04,609

television normally you used to have a

1001
00:40:10,120 --> 00:40:07,520
job was the TV producer okay she does

1002
00:40:13,750 --> 00:40:10,130
that and the TV director she's done that

1003
00:40:16,690 --> 00:40:13,760
as well and the TV reporter guess what

1004
00:40:20,220 --> 00:40:16,700
and the fourth job she does she has her

1005
00:40:24,160 --> 00:40:20,230
own camera so for jobs for the price

1006
00:40:26,640 --> 00:40:24,170
reduced of one that's what we do we I

1007
00:40:29,319 --> 00:40:26,650
think a seven day week is a kind of norm

1008
00:40:31,660 --> 00:40:29,329
and are you excited about seeing Ben

1009
00:40:33,730 --> 00:40:31,670
Goldacre he'll help how much does his

1010
00:40:36,160 --> 00:40:33,740
Venn diagram and yours mixed together as

1011
00:40:38,410 --> 00:40:36,170
far as what you think about pharmacy and

1012
00:40:40,120 --> 00:40:38,420
and a big farm and their tests that they

1013
00:40:41,650 --> 00:40:40,130

do and sometimes they fund stuff well

1014

00:40:44,349 --> 00:40:41,660

you know about my declaring an interest

1015

00:40:45,670 --> 00:40:44,359

to you I no no no what what you're on

1016

00:40:49,540 --> 00:40:45,680

drugs right now

1017

00:40:52,210 --> 00:40:49,550

not quite oh no no no yo no I'm afraid I'm

1018

00:40:54,760 --> 00:40:52,220

not wearing mine he's my nephew oh okay

1019

00:40:56,350 --> 00:40:54,770

so that means you can Hickel him I can

1020

00:40:59,470 --> 00:40:56,360

indeed in fact we spent the afternoon

1021

00:41:03,670 --> 00:40:59,480

together and in Oxford a couple of weeks

1022

00:41:07,060 --> 00:41:03,680

ago I was with him at home and I can

1023

00:41:10,300 --> 00:41:07,070

train a certain responsibility for Ben's

1024

00:41:16,330 --> 00:41:10,310

existence because I came to Australia

1025

00:41:20,410 --> 00:41:16,340

when I was 20 I married Camelot and I

1026

00:41:22,740 --> 00:41:20,420

then helped introduce camelus sister to

1027

00:41:26,440 --> 00:41:22,750

Michael Goldacre my oldest friend

1028

00:41:29,230 --> 00:41:26,450

therefore been exists so he does owe you

1029

00:41:31,590 --> 00:41:29,240

one he has a visual one he owes me a big

1030

00:41:34,090 --> 00:41:31,600

one and he knows it I keep telling him

1031

00:41:36,400 --> 00:41:34,100

what the thing we should be wary of when

1032

00:41:38,260 --> 00:41:36,410

it comes to pharmacy trials that we most

1033

00:41:39,580 --> 00:41:38,270

of us don't understand I'm sure even new

1034

00:41:42,010 --> 00:41:39,590

colors and a few of them when you read

1035

00:41:43,870 --> 00:41:42,020

them I wouldn't even attempt I leave it

1036

00:41:46,930 --> 00:41:43,880

to Norman Swan and Ben Goldacre to tell

1037

00:41:49,150 --> 00:41:46,940

me how it's done and I think his

1038

00:41:51,850 --> 00:41:49,160

initiative at the moment which is to

1039

00:41:55,600 --> 00:41:51,860

track these drug trials as they

1040

00:41:59,200 --> 00:41:55,610

published and to deconstruct them almost

1041

00:42:00,790 --> 00:41:59,210

immediately online so that their

1042

00:42:04,120 --> 00:42:00,800

publishing online so you know

1043

00:42:07,570 --> 00:42:04,130

immediately whether the drug trial has

1044

00:42:11,200 --> 00:42:07,580

got holes in it and that really is going

1045

00:42:13,750 --> 00:42:11,210

to be like a open source stuff

1046

00:42:17,589 --> 00:42:13,760

a complete change in the standard we

1047

00:42:19,510 --> 00:42:17,599

hope that the book has shown so many of

1048

00:42:20,829 --> 00:42:19,520

the drug trials were kind of well we'll

1049

00:42:25,599 --> 00:42:20,839

forget the naughty ones it didn't quite

1050

00:42:27,490 --> 00:42:25,609

work and we'll celebrate what seems to

1051

00:42:29,800 --> 00:42:27,500

back us up I'm not saying they're all

1052

00:42:30,940 --> 00:42:29,810

like that but quite a few work and you

1053

00:42:32,680 --> 00:42:30,950

only need to get one or two and

1054

00:42:35,800 --> 00:42:32,690

everyone's tainted

1055

00:42:36,940 --> 00:42:35,810

it's a problem yeah so look you have fun

1056

00:42:38,829 --> 00:42:36,950

in there and because you know him you

1057

00:42:40,030 --> 00:42:38,839

can just talk you can walk out and drink

1058

00:42:41,440 --> 00:42:40,040

at the toilet what if you like you can

1059

00:42:43,480 --> 00:42:41,450

be very casual evening for you there

1060

00:42:45,069 --> 00:42:43,490

look at my level you send other people

1061

00:42:46,750 --> 00:42:45,079

to get the toilet for you not as food

1062

00:42:48,130 --> 00:42:46,760

look and thank you very few time and

1063

00:42:50,770 --> 00:42:48,140

look thank you for all your years on the

1064

00:42:52,359 --> 00:42:50,780

science show ghost I had the record when

1065

00:42:55,300 --> 00:42:52,369

Fred wasn't Fred Dagg on the science

1066

00:42:58,990 --> 00:42:55,310

show back in the day I introduced him in

1067

00:43:00,309 --> 00:42:59,000

nineteen seventy three or four wasn't i

1068

00:43:02,829 --> 00:43:00,319

think it was remember this homicide

1069

00:43:04,960 --> 00:43:02,839

listen to the show yeah he was a

1070

00:43:07,150 --> 00:43:04,970

wonderful discovering is still a mate

1071

00:43:09,150 --> 00:43:07,160

and he did a wonderful performance for

1072

00:43:11,470 --> 00:43:09,160

the 40th anniversary of the science show

1073

00:43:12,910 --> 00:43:11,480

absolutely brilliant and i'm very glad

1074

00:43:14,650 --> 00:43:12,920

that the fraser government didn't scare

1075

00:43:16,720 --> 00:43:14,660

you off science broadcasting thinks i'm

1076

00:43:20,170 --> 00:43:16,730

back and keep publishing the skeptic

1077

00:43:21,640 --> 00:43:20,180

wonderful magazine mana cost the host

1078

00:43:23,109 --> 00:43:21,650

himself the man who's got it all going

1079

00:43:25,150 --> 00:43:23,119

on when it comes to good medicine bad

1080

00:43:27,490 --> 00:43:25,160

medicine and even in different medicine

1081

00:43:29,319 --> 00:43:27,500

its Richard Saunders it's an odd thing

1082

00:43:30,670 --> 00:43:29,329

to be interviewed on your own podcast oh

1083

00:43:32,859 --> 00:43:30,680

yeah but it saves you holding the

1084

00:43:35,150 --> 00:43:32,869

microphone you get to edit it thank you

1085

00:43:36,890 --> 00:43:35,160

mean I yeah so when I go

1086

00:43:38,390 --> 00:43:36,900

you have to cut that bit out I'll cut

1087

00:43:40,520 --> 00:43:38,400

over it out that won't go to where no no

1088

00:43:43,040 --> 00:43:40,530

it's a little bit big skeptical night

1089

00:43:44,690 --> 00:43:43,050

tonight a lot of people are it's um I

1090

00:43:47,330 --> 00:43:44,700

wouldn't I wouldn't wouldn't go as far

1091

00:43:49,670 --> 00:43:47,340

to say it's a religious experience but

1092

00:43:51,740 --> 00:43:49,680

there is a confirmation going on for

1093

00:43:53,870 --> 00:43:51,750

people to see Ben Goldacre tonight there

1094

00:43:55,460 --> 00:43:53,880

is what a look at this crowd it's it's

1095

00:43:57,380 --> 00:43:55,470

really big and people are flooding in

1096

00:43:59,000 --> 00:43:57,390

through the doors at the moment we're

1097

00:44:00,800 --> 00:43:59,010

pleased to be here we've met some good

1098

00:44:02,480 --> 00:44:00,810

friends just tonight there's Robin

1099

00:44:05,030 --> 00:44:02,490

Williams over there who you were

1100

00:44:06,830 --> 00:44:05,040

chatting to good smattering of people

1101
00:44:09,650 --> 00:44:06,840
from Australian skeptics the hoodoo

1102
00:44:11,420 --> 00:44:09,660
gurus aren't here I thought I saw them

1103
00:44:13,130 --> 00:44:11,430
out the door there was no one from the

1104
00:44:15,200 --> 00:44:13,140
dynamic it not expanded from that

1105
00:44:17,030 --> 00:44:15,210
everyone else and put our dr. Paul

1106
00:44:19,010 --> 00:44:17,040
Willis's here you just have to sort of

1107
00:44:22,370 --> 00:44:19,020
find him axel he's in the wine bar next

1108
00:44:23,990 --> 00:44:22,380
door going into the bottom fridge thats

1109
00:44:25,190 --> 00:44:24,000
Sarah you know but it's a great night

1110
00:44:27,380 --> 00:44:25,200
it's really great that thinking have

1111
00:44:29,450 --> 00:44:27,390
brought out Ben Goldacre and I think

1112
00:44:31,730 --> 00:44:29,460
he's have a successful tour so far and

1113
00:44:37,850 --> 00:44:31,740

this is the grand finale in fact and

1114

00:44:41,150 --> 00:44:37,860

whose support forum Howard Jones no Kim

1115

00:44:42,620 --> 00:44:41,160

high honor movie 43 well obviously what

1116

00:44:44,849 --> 00:44:42,630

the support is it better be good it

1117

00:44:46,599 --> 00:44:44,859

better be good

1118

00:44:48,819 --> 00:44:46,609

now you're heard Robin Williams

1119

00:44:50,079 --> 00:44:48,829

mentioned signs reporting on SBS earlier

1120

00:44:52,839 --> 00:44:50,089

here's one of the people that does it

1121

00:44:54,880 --> 00:44:52,849

hello I haven't you may know we got here

1122

00:44:56,789 --> 00:44:54,890

again oh well my name is Sigma Dean and

1123

00:44:59,380 --> 00:44:56,799

I'm the editor of SB a science online

1124

00:45:01,180 --> 00:44:59,390

tough gig sometimes there's no very

1125

00:45:03,099 --> 00:45:01,190

tough because online publishing right

1126
00:45:05,200 --> 00:45:03,109
now is a very tough business there's a

1127
00:45:06,910 --> 00:45:05,210
lot going on how would you describe I

1128
00:45:08,319 --> 00:45:06,920
asked Robin earlier the state of science

1129
00:45:10,059 --> 00:45:08,329
reporting in Australia is it got any

1130
00:45:13,329 --> 00:45:10,069
better is it the same or are people

1131
00:45:15,160 --> 00:45:13,339
still getting spelling mistakes well I

1132
00:45:16,960 --> 00:45:15,170
think people are getting more spelling

1133
00:45:20,170 --> 00:45:16,970
mistakes because all the saboteurs have

1134
00:45:22,539 --> 00:45:20,180
been exact pretty much but I think it

1135
00:45:24,880 --> 00:45:22,549
does a quality of reporting it's not

1136
00:45:26,349 --> 00:45:24,890
that bad there are plenty of really good

1137
00:45:28,420 --> 00:45:26,359
science journalists who really care

1138
00:45:30,329 --> 00:45:28,430

about their craft and I think they're

1139

00:45:33,130 --> 00:45:30,339

doing an excellent job so there's

1140

00:45:36,220 --> 00:45:33,140

there's plenty there's plenty of good

1141

00:45:38,799 --> 00:45:36,230

writing every year you see the unis w

1142

00:45:41,109 --> 00:45:38,809

each science writing prize if we can put

1143

00:45:42,670 --> 00:45:41,119

a whole mythology together or the best

1144

00:45:44,710 --> 00:45:42,680

science writing and that's not even

1145

00:45:46,390 --> 00:45:44,720

everything that people are writing in

1146

00:45:48,609 --> 00:45:46,400

the country i think we're doing alright

1147

00:45:49,930 --> 00:45:48,619

most journalists have got a story in

1148

00:45:51,430 --> 00:45:49,940

their bottom drawing you might not want

1149

00:45:52,989 --> 00:45:51,440

to give it away but what's the one

1150

00:45:54,670 --> 00:45:52,999

science story that you wanted to do a

1151

00:45:56,289 --> 00:45:54,680

wonder chase and just haven't been able

1152

00:45:58,030 --> 00:45:56,299

to because of time restraints or it's

1153

00:45:59,740 --> 00:45:58,040

just very difficult

1154

00:46:01,500 --> 00:45:59,750

that's an interesting question right now

1155

00:46:04,780 --> 00:46:01,510

I've been plugged into the very

1156

00:46:08,440 --> 00:46:04,790

short-term quick science news turn

1157

00:46:10,180 --> 00:46:08,450

around kind of situation so I think the

1158

00:46:12,130 --> 00:46:10,190

low-hanging fruit and often that can be

1159

00:46:13,450 --> 00:46:12,140

controversial stuff too I remember the

1160

00:46:15,850 --> 00:46:13,460

whole thing about the Vegemite you did

1161

00:46:17,440 --> 00:46:15,860

that was very important what I really

1162

00:46:19,090 --> 00:46:17,450

like doing is part of my job which

1163

00:46:20,500 --> 00:46:19,100

sometimes takes more time and I'm not

1164

00:46:23,650 --> 00:46:20,510

always able to do it as much as I would

1165

00:46:25,780 --> 00:46:23,660

like more timeless type explainers so I

1166

00:46:27,250 --> 00:46:25,790

recently wrote one about why you

1167

00:46:29,760 --> 00:46:27,260

shouldn't be worried about fluoride in

1168

00:46:32,130 --> 00:46:29,770

the water previously have done one on

1169

00:46:34,420 --> 00:46:32,140

nanoparticles and sunscreens and

1170

00:46:36,760 --> 00:46:34,430

basically topics like that which means

1171

00:46:38,680 --> 00:46:36,770

that you get to do an article that

1172

00:46:39,730 --> 00:46:38,690

people can return to over and over and

1173

00:46:42,430 --> 00:46:39,740

they can share it with their friends

1174

00:46:43,960 --> 00:46:42,440

when they say something like oh I heard

1175

00:46:45,280 --> 00:46:43,970

the sunscreens bad for me and you're

1176

00:46:47,410 --> 00:46:45,290

like well here's an article on there's

1177

00:46:49,500 --> 00:46:47,420

be a size that shows that maybe it's not

1178

00:46:51,700 --> 00:46:49,510

that bad so do you think Ben is

1179

00:46:53,680 --> 00:46:51,710

contributing if it this dr. Ben Goldacre

1180

00:46:55,750 --> 00:46:53,690

by making people be suspicious of big

1181

00:46:58,420 --> 00:46:55,760

farmer and a lot of them are already so

1182

00:46:59,830 --> 00:46:58,430

we don't think is sometimes he's it's a

1183

00:47:02,200 --> 00:46:59,840

double-edged sword what he's doing oh

1184

00:47:06,130 --> 00:47:02,210

absolutely but I think what he's doing

1185

00:47:08,080 --> 00:47:06,140

is incredibly valuable because you have

1186

00:47:09,490 --> 00:47:08,090

to be suspicious to the Big Pharma you

1187

00:47:10,750 --> 00:47:09,500

can't just say that you know there's the

1188

00:47:12,460 --> 00:47:10,760

extreme left then there's the extreme

1189

00:47:13,609 --> 00:47:12,470

right and we're all so special with

1190

00:47:15,980 --> 00:47:13,619

different things and

1191

00:47:17,839 --> 00:47:15,990

it's important to remember that even if

1192

00:47:19,849 --> 00:47:17,849

there are some people who are charlatans

1193

00:47:22,279 --> 00:47:19,859

and who are trying to scare people with

1194

00:47:25,880 --> 00:47:22,289

their alternative cancer cures there are

1195

00:47:27,859 --> 00:47:25,890

also people who do have vested interest

1196

00:47:29,180 --> 00:47:27,869

in the big business and they make

1197

00:47:30,799 --> 00:47:29,190

mistakes as well so it's extremely

1198

00:47:33,049 --> 00:47:30,809

important to call them out and to

1199

00:47:36,289 --> 00:47:33,059

remember that evidence-based medicine

1200

00:47:38,089 --> 00:47:36,299

can be done well can be done poorly and

1201

00:47:39,739 --> 00:47:38,099

can always be done better and I think

1202

00:47:42,980 --> 00:47:39,749

that's what he's doing and its really

1203

00:47:44,299 --> 00:47:42,990

admirable work and very hard as well and

1204

00:47:47,599 --> 00:47:44,309

where can we catch your science writing

1205

00:47:51,499 --> 00:47:47,609

online it's okay so basically you go to

1206

00:47:53,359 --> 00:47:51,509

SB s.com today you / science and you can

1207

00:47:55,700 --> 00:47:53,369

also find us on Facebook and Twitter

1208

00:47:57,319 --> 00:47:55,710

just searching for us be a science they

1209

00:48:09,199 --> 00:47:57,329

will enjoy your time at dr. go like it

1210

00:48:25,499 --> 00:48:23,519

on Maynard condo you hey you as we are

1211

00:48:26,849 --> 00:48:25,509

at the floor the totally 80s show hear

1212

00:48:28,620 --> 00:48:26,859

it and more people are going nuts people

1213

00:48:30,659 --> 00:48:28,630

going crazy everybody wants to know how

1214

00:48:33,150 --> 00:48:30,669

does Lamar Gettys here to do that people

1215

00:48:37,319 --> 00:48:33,160

behind how good a time did you hack it's

1216

00:48:40,169 --> 00:48:37,329

friggin awesome may I say something no

1217

00:48:42,299 --> 00:48:40,179

man shush me who's just you I mean in

1218

00:48:44,729 --> 00:48:42,309

the crowd just me a man in the crowd

1219

00:48:46,499 --> 00:48:44,739

Schuester I can never imagine anyone

1220

00:48:49,289 --> 00:48:46,509

doing that teeth why would they do that

1221

00:48:50,669 --> 00:48:49,299

to you I can't understand that with

1222

00:48:52,709 --> 00:48:50,679

Dave's Terry real life how Dave how are

1223

00:48:54,269 --> 00:48:52,719

you I'm very well thank you after the

1224

00:48:55,859 --> 00:48:54,279

Sydney shall i actually just shook for

1225

00:48:57,689 --> 00:48:55,869

three minutes i just stood there shaking

1226
00:48:59,759 --> 00:48:57,699
it was just overwhelming for me as well

1227
00:49:01,559 --> 00:48:59,769
because i'm introducing every artist on

1228
00:49:03,479 --> 00:49:01,569
and off i get to see you all as you're

1229
00:49:04,499 --> 00:49:03,489
working walking off stage and i think

1230
00:49:06,089 --> 00:49:04,509
i'm going to called you back for a bow

1231
00:49:07,349 --> 00:49:06,099
in sydney i think to which i think it's

1232
00:49:08,969 --> 00:49:07,359
a nice thing to do particularly the

1233
00:49:11,549 --> 00:49:08,979
short set I like bowing it's much easier

1234
00:49:13,409 --> 00:49:11,559
than singing I think the horse was

1235
00:49:14,909 --> 00:49:13,419
famous to the horse did something to one

1236
00:49:36,480 --> 00:49:14,919
the Melbourne Cup is something like that

1237
00:49:42,970 --> 00:49:39,040
thank you for listening to the skeptic

1238
00:49:44,349 --> 00:49:42,980

zone podcast this week now don't forget

1239

00:49:47,349 --> 00:49:44,359

though those people in Australia

1240

00:49:49,270 --> 00:49:47,359

particularly if you're in Melbourne you

1241

00:49:51,340 --> 00:49:49,280

can still get your tickets for the

1242

00:49:54,250 --> 00:49:51,350

Australian skeptics National Convention

1243

00:49:57,370 --> 00:49:54,260

for more information visit convention

1244

00:49:59,770 --> 00:49:57,380

skeptics calm today you and I notice and

1245

00:50:03,880 --> 00:49:59,780

I notice how very accomplished report

1246

00:50:05,320 --> 00:50:03,890

and Joe alabasta is on the bill so if

1247

00:50:07,420 --> 00:50:05,330

you're going along to the convention

1248

00:50:09,550 --> 00:50:07,430

please say hello to Joe she's been

1249

00:50:11,500 --> 00:50:09,560

having a little bit of a sabbatical from

1250

00:50:14,260 --> 00:50:11,510

the skeptic zone lately which is fine

1251

00:50:17,260 --> 00:50:14,270

everybody needs a break but it's good to

1252

00:50:20,020 --> 00:50:17,270

see that Joe will be there speaking to

1253

00:50:22,900 --> 00:50:20,030

the skeptics convention and that

1254

00:50:25,840 --> 00:50:22,910

convention of course is the 25th to the

1255

00:50:28,300 --> 00:50:25,850

27th of art november in melbourne yes

1256

00:50:30,670 --> 00:50:28,310

convention skeptics calm today you for

1257

00:50:33,280 --> 00:50:30,680

more information and to snap up those

1258

00:50:35,710 --> 00:50:33,290

tickets and I think if still the time if

1259

00:50:38,620 --> 00:50:35,720

you're in the states to grab your

1260

00:50:42,790 --> 00:50:38,630

tickets for psych on which is October

1261

00:50:46,060 --> 00:50:42,800

the 27th to the 30th in Las Vegas or

1262

00:50:49,120 --> 00:50:46,070

sadly of course tam is no more but it

1263

00:50:50,890 --> 00:50:49,130

appears that the psych on will be every

1264

00:50:53,410 --> 00:50:50,900

bit as good with lots of speakers you're

1265

00:50:56,440 --> 00:50:53,420

familiar with including James the

1266

00:50:59,890 --> 00:50:56,450

amazing Randi for more information sigh

1267

00:51:02,620 --> 00:50:59,900

conference not org and I'll will will

1268

00:51:04,450 --> 00:51:02,630

link to that in the show notes but as

1269

00:51:07,330 --> 00:51:04,460

far as are skeptical meetings it just

1270

00:51:08,770 --> 00:51:07,340

gets better because the New Zealand

1271

00:51:10,990 --> 00:51:08,780

skeptics are having their conference

1272

00:51:14,859 --> 00:51:11,000

from the second to the fourth of

1273

00:51:17,050 --> 00:51:14,869

December in beautiful Queenstown and I'm

1274

00:51:18,670 --> 00:51:17,060

lucky enough to be one of the invited

1275

00:51:20,980 --> 00:51:18,680

speakers I think we'll have more

1276

00:51:22,630 --> 00:51:20,990

information about this convention

1277

00:51:24,190 --> 00:51:22,640

probably on next week's show i'll see if

1278

00:51:26,650 --> 00:51:24,200

i can line up an interview of one of the

1279

00:51:28,420 --> 00:51:26,660

organizers but for now if you're in New

1280

00:51:32,530 --> 00:51:28,430

Zealand make the effort to come along

1281

00:51:34,690 --> 00:51:32,540

conference dot skeptics dot n Z is the

1282

00:51:36,640 --> 00:51:34,700

website to look out for I'll be bringing

1283

00:51:39,849 --> 00:51:36,650

a bag of tricks including some divining

1284

00:51:42,370 --> 00:51:39,859

rods I think I'll probably talk about

1285

00:51:44,500 --> 00:51:42,380

psychics and psychic power and where are

1286

00:51:46,540 --> 00:51:44,510

the normal stuff you know that the sort

1287

00:51:47,740 --> 00:51:46,550

of stuff I would talk about and that

1288

00:51:52,150 --> 00:51:47,750

website once more is

1289

00:51:54,580 --> 00:51:52,160

conference skeptics dot n Z what a busy

1290

00:51:58,840 --> 00:51:54,590

time for skeptics it is in the latter

1291

00:52:01,570 --> 00:51:58,850

half of 20 16 2016 has had its ups and

1292

00:52:04,330 --> 00:52:01,580

downs believe me it really has but let's

1293

00:52:08,470 --> 00:52:04,340

see if we can sort of wind it up slowly

1294

00:52:10,810 --> 00:52:08,480

on a on a more positive note oh and if

1295

00:52:13,450 --> 00:52:10,820

you want to have a look at something

1296

00:52:16,690 --> 00:52:13,460

that we are investigating at the moment

1297

00:52:23,260 --> 00:52:16,700

why don't you google aqua poll and

1298

00:52:25,660 --> 00:52:23,270

that's built a qu AP 0 I and i'll just

1299

00:52:26,980 --> 00:52:25,670

leave that there and just before we

1300

00:52:30,130 --> 00:52:26,990

switch off the microphone thank you

1301
00:52:31,750 --> 00:52:30,140
again to those very kind people who

1302
00:52:35,170 --> 00:52:31,760
contribute to the skeptic zone via

1303
00:52:39,640 --> 00:52:35,180
paypal or via patreon and you can do

1304
00:52:41,440 --> 00:52:39,650
both of those at skeptic zone TV some

1305
00:52:43,120 --> 00:52:41,450
people chip in a dollar a week some

1306
00:52:46,710 --> 00:52:43,130
people chip in five dollars a week at

1307
00:52:50,200 --> 00:52:46,720
varying amounts and every every cent

1308
00:52:52,060 --> 00:52:50,210
helps me produce the skeptic zone and i

1309
00:52:54,430 --> 00:52:52,070
really appreciate it and i'm sure all

1310
00:52:56,740 --> 00:52:54,440
the reporters really appreciate it too

1311
00:52:59,560 --> 00:52:56,750
because it's because of people like you

1312
00:53:02,230 --> 00:52:59,570
that thousands and thousands of other

1313
00:53:04,780 --> 00:53:02,240

people all around the world continue

1314

00:53:06,780 --> 00:53:04,790

hopefully i certainly hope so continue

1315

00:53:09,700 --> 00:53:06,790

to enjoyed the skeptic zone and get

1316

00:53:12,180 --> 00:53:09,710

beneficial information and I do like

1317

00:53:15,310 --> 00:53:12,190

getting those letters from people

1318

00:53:18,160 --> 00:53:15,320

long-distance truck drivers and then the

1319

00:53:20,050 --> 00:53:18,170

far north of the world unlonely trips

1320

00:53:22,210 --> 00:53:20,060

listening to podcasts including the

1321

00:53:24,400 --> 00:53:22,220

skeptic zone and if you're in one of

1322

00:53:27,190 --> 00:53:24,410

those long distance trucks right now

1323

00:53:28,990 --> 00:53:27,200

thank you very much and I hope that the

1324

00:53:31,600 --> 00:53:29,000

skeptic zone makes your journey a little

1325

00:53:33,640 --> 00:53:31,610

more enjoyable and so for this week this

1326

00:53:39,040 --> 00:53:33,650

is Richard Saunders signing off from

1327

00:53:45,230 --> 00:53:41,480

you've been listening to the skeptics

1328

00:53:48,140 --> 00:53:45,240

own podcast visit our website at wwc a

1329

00:53:51,560 --> 00:53:48,150

petting zoo TV for contacts an archive

1330

00:53:54,290 --> 00:53:51,570

of all episodes since 2008 and our

1331

00:53:56,200 --> 00:53:54,300

online store please support the skeptic

1332

00:53:59,360 --> 00:53:56,210

zone by following us on twitter at

1333

00:54:02,990 --> 00:53:59,370

skeptic zone liking us on facebook and

1334

00:54:05,150 --> 00:54:03,000

leaving a review on iTunes you can also

1335

00:54:08,350 --> 00:54:05,160

show your support by subscribing via

1336

00:54:11,120 --> 00:54:08,360

paypal for as little as 99 cents a week

1337

00:54:12,740 --> 00:54:11,130

the skeptic zone is an independent

1338

00:54:15,170 --> 00:54:12,750

production the views and opinions

1339

00:54:17,240 --> 00:54:15,180

expressed on the skeptic zone and not

1340

00:54:19,670 --> 00:54:17,250

necessarily those of Australian skeptic

1341

00:54:29,660 --> 00:54:19,680

League or any other skeptical

1342

00:54:32,390 --> 00:54:29,670

organization it's just this amazing

1343

00:54:37,520 --> 00:54:32,400

disconnect edit hang on I've got I've

1344

00:54:39,230 --> 00:54:37,530

got the cat hang on myself what is it no

1345

00:54:43,820 --> 00:54:39,240

you can't come in I'm doing an interview

1346

00:54:48,340 --> 00:54:43,830

no no out you stay there I'll feed you

1347

00:54:51,470 --> 00:54:48,350

in a minute all right that was Henrietta

1348

00:54:53,930 --> 00:54:51,480

she said she sticks her pores under the

1349

00:54:55,220 --> 00:54:53,940

door a good little gap and suddenly I'm

1350

00:55:01,490 --> 00:54:55,230

sitting there and I can see these two

1351
00:55:02,990 --> 00:55:01,500
white arms cat arms no here anyway get

1352
00:55:05,960 --> 00:55:03,000
that one we're recording skeptics to the

1353
00:55:07,610 --> 00:55:05,970
K mykes mykes cat whitnall pushes the

1354
00:55:09,860 --> 00:55:07,620
door open and walks in and then Michael

1355
00:55:11,630 --> 00:55:09,870
shop get out and with little walk over

1356
00:55:13,850 --> 00:55:11,640
to the door and stand right on the door

1357
00:55:15,350 --> 00:55:13,860
threshold right on the line and just

1358
00:55:17,240 --> 00:55:15,360
stand there and look back at him and it

1359
00:55:18,980 --> 00:55:17,250
got out and then adventure walk out the

1360
00:55:20,390 --> 00:55:18,990
door but you she'll push a look and try

1361
00:55:22,520 --> 00:55:20,400
and applause but you'll stand right on