

1
00:00:05,929 --> 00:00:13,699
welcome to the skeptic zone the podcast

2
00:00:09,089 --> 00:00:13,699
from Australia for science and reason

3
00:00:22,550 --> 00:00:30,300
yes it's the skeptic Zone episode number

4
00:00:25,910 --> 00:00:33,869
182 for the 14th of April 2012 Richard

5
00:00:30,300 --> 00:00:36,628
Saunders with you once again on this

6
00:00:33,869 --> 00:00:39,929
week's show our reporter Iran sir give

7
00:00:36,628 --> 00:00:41,250
traveled down to a belaid where he met

8
00:00:39,929 --> 00:00:44,399
up with a good friend of the skeptics

9
00:00:41,250 --> 00:00:46,948
own doctor Paul Willis who is now the

10
00:00:44,399 --> 00:00:50,908
director of the Royal Institution of

11
00:00:46,948 --> 00:00:53,759
Australia known as our I oz Paul takes

12
00:00:50,908 --> 00:00:57,088
Iran on a tour of the institution

13
00:00:53,759 --> 00:01:00,030
historical science art works what more

14
00:00:57,088 --> 00:01:02,219
could you want join Paul and Iran for

15
00:01:00,030 --> 00:01:05,579
the tour at the top of the show after

16
00:01:02,219 --> 00:01:08,310
that we have a brief message from dr.

17
00:01:05,579 --> 00:01:11,670
Richard Wiseman about a new app he's

18
00:01:08,310 --> 00:01:14,909
helped develop called dream on yeah

19
00:01:11,670 --> 00:01:18,090
hopefully you can sort of influence your

20
00:01:14,909 --> 00:01:21,090
dreams sounds very interesting join the

21
00:01:18,090 --> 00:01:23,460
worldwide experiment details coming up

22
00:01:21,090 --> 00:01:25,620
and following that it's a fun little

23
00:01:23,459 --> 00:01:28,489
interlude we have a new song by Eddie

24
00:01:25,620 --> 00:01:31,079
Scott known as the skeptic in the room

25
00:01:28,489 --> 00:01:34,140
he's written a song all about power

26
00:01:31,079 --> 00:01:36,810
bands mighty mystic power bracelets

27
00:01:34,140 --> 00:01:38,760
that's called a fun song coming up in

28
00:01:36,810 --> 00:01:40,980
the middle of the show man to wrap up

29

00:01:38,760 --> 00:01:45,030
the show it's the return of the think

30
00:01:40,980 --> 00:01:47,490
tank join dr. Richie Maynard bastard

31
00:01:45,030 --> 00:01:49,849
sheep and myself for a couple of drinks

32
00:01:47,489 --> 00:01:52,439
as we chat about issues of the day

33
00:01:49,849 --> 00:01:55,500
including skeptic camp in Sydney and

34
00:01:52,439 --> 00:01:58,019
world homeopathy awareness week yes

35
00:01:55,500 --> 00:02:00,689
folks it's up to all of us to make the

36
00:01:58,019 --> 00:02:04,709
world aware of exactly what homeopathy

37
00:02:00,689 --> 00:02:07,769
is you know I was thinking is there such

38
00:02:04,709 --> 00:02:11,939
a thing as homeopathy does it actually

39
00:02:07,769 --> 00:02:13,500
exists or is it just a process and at

40
00:02:11,939 --> 00:02:16,889
the end there is that there is no

41
00:02:13,500 --> 00:02:19,439
discernible product that's interesting I

42
00:02:16,889 --> 00:02:21,719
want you might think of that I'll think

43
00:02:19,439 --> 00:02:24,300

of that I'll have a big thing about RIT

44

00:02:21,719 --> 00:02:27,030
I'll run downstairs I'll have a big

45

00:02:24,300 --> 00:02:29,049
glass of homeopathic water

46

00:02:27,030 --> 00:02:31,150
that I figure out how to make

47

00:02:29,049 --> 00:02:36,030
homeopathic order well I'm doing that

48

00:02:31,150 --> 00:02:36,030
you can enjoy the skeptic zone

49

00:02:51,689 --> 00:03:03,370
let's all take this with a grain of salt

50

00:02:54,479 --> 00:03:05,018
seas around second so I'm here at the

51

00:03:03,370 --> 00:03:07,360
Royal Institution of Australia in

52

00:03:05,019 --> 00:03:09,759
Adelaide with its director very good

53

00:03:07,360 --> 00:03:12,849
friend of the skeptics MC of town

54

00:03:09,759 --> 00:03:14,859
Australia in 2010 dr. pol will is hypo

55

00:03:12,848 --> 00:03:17,348
how are you doing it's good to see you

56

00:03:14,860 --> 00:03:18,519
welcome to Adelaide ok so I believe

57

00:03:17,348 --> 00:03:21,518
we're going to have a bit of a tour of

58
00:03:18,519 --> 00:03:23,769
further illustrated my pleasure and look

59
00:03:21,519 --> 00:03:26,259
this is the great place to start i call

60
00:03:23,769 --> 00:03:28,390
this the throbbing heart of the rirs

61
00:03:26,259 --> 00:03:31,179
what this is is a hundred and eighty

62
00:03:28,389 --> 00:03:32,649
seat auditorium it has a bar which is

63
00:03:31,180 --> 00:03:35,530
very important although one day is

64
00:03:32,650 --> 00:03:38,439
probably going to be my undoing and we

65
00:03:35,530 --> 00:03:40,299
have a stage what's most important about

66
00:03:38,439 --> 00:03:41,348
this auditoriums we've also got about

67
00:03:40,299 --> 00:03:44,319
three million dollars worth of

68
00:03:41,348 --> 00:03:48,009
audio-visual gear in here so we can

69
00:03:44,318 --> 00:03:49,869
actually record and broadcast live to

70
00:03:48,009 --> 00:03:53,078
the Internet anything that goes on here

71
00:03:49,870 --> 00:03:56,709
and that's really at the heart of what

72
00:03:53,079 --> 00:03:59,049
we're looking to do our iOS is of our

73
00:03:56,709 --> 00:04:00,819
engaging Australians with science how do

74
00:03:59,049 --> 00:04:02,560
we not just tell them about science but

75
00:04:00,818 --> 00:04:04,659
get them thinking about science get them

76
00:04:02,560 --> 00:04:07,598
acting in scientific ways understanding

77
00:04:04,659 --> 00:04:10,150
the science behind the everyday the

78
00:04:07,598 --> 00:04:12,810
slogan in believe is bringing people to

79
00:04:10,150 --> 00:04:15,579
science and science to the people and

80
00:04:12,810 --> 00:04:18,488
the way that we can do that effectively

81
00:04:15,579 --> 00:04:21,939
as a national organization with

82
00:04:18,488 --> 00:04:23,888
international outreach is part of it is

83
00:04:21,939 --> 00:04:26,410
we can put on live events here last

84
00:04:23,889 --> 00:04:28,389
night we had sex here we had an event

85
00:04:26,410 --> 00:04:30,700
that followed on from an episode of

86

00:04:28,389 --> 00:04:32,829
catalyst get that smirk off your face

87
00:04:30,699 --> 00:04:34,659
there on I was at it again to ask who

88
00:04:32,829 --> 00:04:36,339
the we well it was me and Marianne

89
00:04:34,660 --> 00:04:39,130
Damacy actually oh it was quite

90
00:04:36,339 --> 00:04:41,529
delightful but it was a panel discussion

91
00:04:39,129 --> 00:04:45,370
here that arose out of the catalyst

92
00:04:41,529 --> 00:04:49,179
special on some sex problems it was

93
00:04:45,370 --> 00:04:52,060
streamed live and we it was a terrific

94
00:04:49,180 --> 00:04:54,240
discussion but people were able to

95
00:04:52,060 --> 00:04:56,519
follow it on their iPhone and

96
00:04:54,240 --> 00:04:59,550
Australia or your iPad or your Android

97
00:04:56,519 --> 00:05:00,990
or you gets habit whatever and that to

98
00:04:59,550 --> 00:05:04,288
me is the way that we're going to

99
00:05:00,990 --> 00:05:06,300
leverage across the country events so

100
00:05:04,288 --> 00:05:08,370

that we can reach anywhere in the

101

00:05:06,300 --> 00:05:10,770

country all people have got to have is a

102

00:05:08,370 --> 00:05:13,288

telephone and they cannot just follow

103

00:05:10,769 --> 00:05:14,969

the conversation they can join in they

104

00:05:13,288 --> 00:05:19,139

can send their questions in via Twitter

105

00:05:14,970 --> 00:05:21,840

and it all happens in real time so this

106

00:05:19,139 --> 00:05:24,180

is the future okay so shall we go for a

107

00:05:21,839 --> 00:05:26,429

bit of a walkabout I just started with a

108

00:05:24,180 --> 00:05:28,560

brief that the building that we're in

109

00:05:26,430 --> 00:05:32,158

here is the old Stock Exchange building

110

00:05:28,560 --> 00:05:35,459

it was built in 1901 and specifically

111

00:05:32,158 --> 00:05:42,329

for science no no they didn't realize it

112

00:05:35,459 --> 00:05:44,519

at the time it became vacant in 1991

113

00:05:42,329 --> 00:05:48,649

when the stock exchanges went digital

114

00:05:44,519 --> 00:05:52,139

and all moved to the east coast and we

115
00:05:48,649 --> 00:05:54,899
inherited it in the mid 2000s when it

116
00:05:52,139 --> 00:05:56,668
was decided that the Royal Institution

117
00:05:54,899 --> 00:05:58,769
of Australia needed a home and this

118
00:05:56,668 --> 00:06:01,319
would be a good place and it was

119
00:05:58,769 --> 00:06:04,288
completely redeveloped in our own image

120
00:06:01,319 --> 00:06:06,418
but part of the history of that is its

121
00:06:04,288 --> 00:06:08,250
you'll notice as we go through its kind

122
00:06:06,418 --> 00:06:11,129
of schizophrenic this half of the

123
00:06:08,250 --> 00:06:13,379
building is all new and modern and and

124
00:06:11,129 --> 00:06:15,449
has all the technology in it the other

125
00:06:13,379 --> 00:06:19,079
half of the building is all heritage

126
00:06:15,449 --> 00:06:20,759
it's as it was in 1901 and the reason

127
00:06:19,079 --> 00:06:23,129
for that is this half the building burnt

128
00:06:20,759 --> 00:06:26,009
out twice once in the 1930s and once in

129
00:06:23,129 --> 00:06:28,649
the 1980s and so when it came time to

130
00:06:26,009 --> 00:06:30,150
redevelop the other half of the building

131
00:06:28,649 --> 00:06:31,978
had a load of heritage lay what was on

132
00:06:30,149 --> 00:06:34,739
over it as to what we could and couldn't

133
00:06:31,978 --> 00:06:36,449
do here we had free reign so we've got

134
00:06:34,740 --> 00:06:38,519
the best of both worlds we've got some

135
00:06:36,449 --> 00:06:47,310
fantastic spaces and I'm looking forward

136
00:06:38,519 --> 00:06:48,939
to showing solemn let's go let's let's

137
00:06:47,310 --> 00:06:51,759
start at the top

138
00:06:48,939 --> 00:06:55,269
that way we can use gravity to get to

139
00:06:51,759 --> 00:07:00,189
the bottom and this is the trading floor

140
00:06:55,269 --> 00:07:01,810
over this was trying floor well this is

141
00:07:00,189 --> 00:07:03,969
obviously the reason I mentioned trading

142
00:07:01,810 --> 00:07:06,009
floor is because because trading floor

143

00:07:03,970 --> 00:07:07,990
is a sign you know what you guess I

144
00:07:06,009 --> 00:07:10,269
wasn't guessing a bit of a good boy it

145
00:07:07,990 --> 00:07:13,509
was the trading floor and this is now

146
00:07:10,269 --> 00:07:15,549
the office space for our iOS you can see

147
00:07:13,509 --> 00:07:18,459
that we did retain two of the original

148
00:07:15,550 --> 00:07:21,910
chalkboards from the last day of trading

149
00:07:18,459 --> 00:07:24,329
and if you can find bhp at ten dollar

150
00:07:21,910 --> 00:07:27,160
seven years share i recommend you get it

151
00:07:24,329 --> 00:07:29,589
there's a lot of history associated with

152
00:07:27,160 --> 00:07:32,380
this room including the fact that all

153
00:07:29,589 --> 00:07:36,239
shares and trading for the Poseidon

154
00:07:32,379 --> 00:07:39,819
Adventure occurred in this very room so

155
00:07:36,240 --> 00:07:41,379
it's and Julia's pleasure to be sitting

156
00:07:39,819 --> 00:07:45,250
working at my desk with that kind of

157
00:07:41,379 --> 00:07:47,829

heritage hanging around my neck but as

158

00:07:45,250 --> 00:07:51,160

you can see now it's an open-plan bright

159

00:07:47,829 --> 00:07:53,709

and quite an airy space so that this is

160

00:07:51,160 --> 00:07:56,550

this is the the office base here this is

161

00:07:53,709 --> 00:07:59,229

the office space for the for our IRS and

162

00:07:56,550 --> 00:08:01,360

upstairs there's another office space

163

00:07:59,230 --> 00:08:04,390

those mezzanine live a mezzanine level

164

00:08:01,360 --> 00:08:08,340

that was originally the viewing floor

165

00:08:04,389 --> 00:08:12,159

for the public of the trading floor and

166

00:08:08,339 --> 00:08:15,519

now it's the offices of the odds smc the

167

00:08:12,160 --> 00:08:18,630

science media center and they specialize

168

00:08:15,519 --> 00:08:21,159

in taking scientists to the media and

169

00:08:18,629 --> 00:08:23,740

bringing the media directly in contact

170

00:08:21,160 --> 00:08:26,020

with scientists so that not only are

171

00:08:23,740 --> 00:08:27,819

they going to get their facts right or

172
00:08:26,019 --> 00:08:29,889
have a better chance of getting their

173
00:08:27,819 --> 00:08:31,990
facts right but also there will be

174
00:08:29,889 --> 00:08:35,889
exposed to more science content and

175
00:08:31,990 --> 00:08:39,430
they're having great success at placing

176
00:08:35,889 --> 00:08:41,500
science media stories across the country

177
00:08:39,429 --> 00:08:43,359
and indeed around the world you know a

178
00:08:41,500 --> 00:08:46,450
lot of people are tuning in from all

179
00:08:43,360 --> 00:08:51,610
over the world into the odds smc to get

180
00:08:46,450 --> 00:08:54,129
factual content very good so there's

181
00:08:51,610 --> 00:08:55,539
there's a video running here with this

182
00:08:54,129 --> 00:08:58,600
room this is

183
00:08:55,539 --> 00:09:02,278
some kind of protein is it yeah this is

184
00:08:58,600 --> 00:09:05,019
actually a our little Museum room and

185
00:09:02,278 --> 00:09:10,088
currently we have an exhibition here on

186
00:09:05,019 --> 00:09:12,759
the braggs lawrence and henry bragg were

187
00:09:10,089 --> 00:09:16,870
the only father and son combinations win

188
00:09:12,759 --> 00:09:19,000
a Nobel Prize and Lawrence Bragg is

189
00:09:16,870 --> 00:09:21,759
still the youngest person to ever win a

190
00:09:19,000 --> 00:09:23,708
nobel prize they won that back in 1905

191
00:09:21,759 --> 00:09:26,528
for their work on x-ray crystallography

192
00:09:23,708 --> 00:09:29,469
sorry 1915 for their work on x-ray

193
00:09:26,528 --> 00:09:32,350
crystallography it was a science that

194
00:09:29,470 --> 00:09:35,649
they invented and they did all of that

195
00:09:32,350 --> 00:09:37,540
similar work here in adelaide henry

196
00:09:35,649 --> 00:09:39,578
bragg who was originally from Scotland I

197
00:09:37,539 --> 00:09:42,639
believe Lawrence was born here in

198
00:09:39,578 --> 00:09:44,979
adelaide amongst the various bits of

199
00:09:42,639 --> 00:09:49,180
equipment that we've got on display this

200

00:09:44,980 --> 00:09:51,819
vacuum tube here is the first x-ray tube

201
00:09:49,179 --> 00:09:56,919
to be made in the southern hemisphere it

202
00:09:51,818 --> 00:09:58,990
was hand blown by henry bragg and it was

203
00:09:56,919 --> 00:10:02,019
made less than a year after up and

204
00:09:58,990 --> 00:10:04,360
discovered x-rays in Europe I mean so

205
00:10:02,019 --> 00:10:06,909
these guys will you know for the early

206
00:10:04,360 --> 00:10:09,610
part of the 1900s these guys were really

207
00:10:06,909 --> 00:10:11,679
right up there getting us with the

208
00:10:09,610 --> 00:10:17,919
science did they get the information by

209
00:10:11,679 --> 00:10:20,229
email yeah all came in in in in Morse

210
00:10:17,919 --> 00:10:22,750
code well obviously was was joking about

211
00:10:20,230 --> 00:10:25,870
that but but it actually makes the fact

212
00:10:22,750 --> 00:10:29,589
that he was so soon after the discovery

213
00:10:25,870 --> 00:10:30,789
of x-rays makes it even more remarkable

214
00:10:29,589 --> 00:10:33,459

considering the fact that he probably

215

00:10:30,789 --> 00:10:35,578

took months for the information to to

216

00:10:33,458 --> 00:10:39,929

come to arrive here in Australia it's

217

00:10:35,578 --> 00:10:39,929

really makes you think on reflection

218

00:10:40,409 --> 00:10:46,120

about the whole process of peer review

219

00:10:43,360 --> 00:10:47,318

because the way that Bragg would have

220

00:10:46,120 --> 00:10:49,828

found out about this would have been

221

00:10:47,318 --> 00:10:52,448

when the journal turned up on his desk

222

00:10:49,828 --> 00:10:55,388

that would have been published in Europe

223

00:10:52,448 --> 00:10:57,879

I don't know actually where this seminal

224

00:10:55,389 --> 00:11:00,669

papers are open word publish but they

225

00:10:57,879 --> 00:11:03,669

would have been published in Europe at a

226

00:11:00,669 --> 00:11:07,328

guess so you know Robin had to do all of

227

00:11:03,669 --> 00:11:08,889

his work and publish it in the journals

228

00:11:07,328 --> 00:11:11,858

and to go through the full

229
00:11:08,889 --> 00:11:15,188
you process and then Bragg's copy had to

230
00:11:11,859 --> 00:11:17,230
make all of its way across the planet by

231
00:11:15,188 --> 00:11:21,039
steamships I would have taken at least a

232
00:11:17,230 --> 00:11:23,528
month to get here and yet within a year

233
00:11:21,039 --> 00:11:25,599
of the discovery of x-rays here he was

234
00:11:23,528 --> 00:11:28,899
on the other side of the planet making

235
00:11:25,600 --> 00:11:31,509
x-ray tubes quite astonishing there's a

236
00:11:28,899 --> 00:11:34,899
couple of these boxes on the wall in the

237
00:11:31,509 --> 00:11:37,089
building and technically what they were

238
00:11:34,899 --> 00:11:40,119
installed for and what their official

239
00:11:37,089 --> 00:11:43,299
use was we rushed raised that you can

240
00:11:40,119 --> 00:11:47,109
put your cigarettes in the top and it

241
00:11:43,298 --> 00:11:48,999
turns little handle and that would flick

242
00:11:47,109 --> 00:11:51,699
the cigarette butt out into the street

243
00:11:48,999 --> 00:11:53,980
so that you didn't cloud up the inside

244
00:11:51,698 --> 00:11:55,928
of the building the most use that these

245
00:11:53,980 --> 00:11:58,539
guys got was that there was so much

246
00:11:55,928 --> 00:12:01,448
illegal gambling going on in this

247
00:11:58,539 --> 00:12:03,009
building that if you saw the cops coming

248
00:12:01,448 --> 00:12:04,858
and as you can see just looking out the

249
00:12:03,009 --> 00:12:08,289
window you've got quite a good view of

250
00:12:04,859 --> 00:12:10,269
any incoming policeman you could put

251
00:12:08,289 --> 00:12:12,188
your betting slips in there give it a

252
00:12:10,269 --> 00:12:14,230
flick and there's no way they could say

253
00:12:12,188 --> 00:12:18,909
you were gambling because you you're

254
00:12:14,230 --> 00:12:25,239
betting slips out on the footpath I have

255
00:12:18,909 --> 00:12:26,948
a dungeon as well we have all well

256
00:12:25,239 --> 00:12:29,019
scientists should have always have a

257

00:12:26,948 --> 00:12:34,808
dungeon right well these were actually

258
00:12:29,019 --> 00:12:37,418
the club rooms of the original stock

259
00:12:34,808 --> 00:12:41,499
exchange and we've broken them up into

260
00:12:37,418 --> 00:12:44,198
two areas now this is our science art

261
00:12:41,499 --> 00:12:46,629
gallery now so far as we know it's the

262
00:12:44,198 --> 00:12:49,328
only dedicated art science gallery in

263
00:12:46,629 --> 00:12:53,199
the country and we have four or five

264
00:12:49,328 --> 00:12:55,118
exhibitions through here a year all

265
00:12:53,198 --> 00:12:56,558
sorts of different science themes are

266
00:12:55,119 --> 00:12:58,239
covered under where we're standing at

267
00:12:56,558 --> 00:13:00,759
the moment is an installation that just

268
00:12:58,239 --> 00:13:02,589
one reward in the adelaide fringe for

269
00:13:00,759 --> 00:13:04,749
the best art installation at mayor may

270
00:13:02,589 --> 00:13:06,699
point out that we both look a bit weird

271
00:13:04,749 --> 00:13:09,819

at the moment if I feel like I'm being

272

00:13:06,698 --> 00:13:12,349
autoclaved it's it's essentially a

273

00:13:09,818 --> 00:13:14,990
tunnel with

274

00:13:12,350 --> 00:13:18,860
white and silver walls that's completely

275

00:13:14,990 --> 00:13:21,169
illuminated by UV light and yeah we both

276

00:13:18,860 --> 00:13:23,120
look a bit weird let's get out of let go

277

00:13:21,169 --> 00:13:26,209
so here ya for it it's sterilized or

278

00:13:23,120 --> 00:13:30,470
something so here is the the gallery

279

00:13:26,210 --> 00:13:34,759
proper and we found that you can get a

280

00:13:30,470 --> 00:13:36,920
lot of science across if you don't tell

281

00:13:34,759 --> 00:13:39,769
people it's science part of our mission

282

00:13:36,919 --> 00:13:41,329
is to engage the disengaged in an art

283

00:13:39,769 --> 00:13:43,340
space like this we get a lot of people

284

00:13:41,330 --> 00:13:45,170
coming in for the art and they go away

285

00:13:43,340 --> 00:13:48,170
with some understanding of the maths and

286

00:13:45,169 --> 00:13:51,620
science behind the exhibition so you

287

00:13:48,169 --> 00:13:53,599
know being able to engage people by

288

00:13:51,620 --> 00:13:56,120
using unusual and all the docs

289

00:13:53,600 --> 00:13:57,350
techniques that's where our future lies

290

00:13:56,120 --> 00:14:02,210
that's the sort of thing that we're

291

00:13:57,350 --> 00:14:05,720
getting up to hear this this was the the

292

00:14:02,210 --> 00:14:08,540
the main club room apparently they had

293

00:14:05,720 --> 00:14:13,220
three billiard tables in here when the

294

00:14:08,539 --> 00:14:15,439
stock exchange was up and running we use

295

00:14:13,220 --> 00:14:18,740
again for all sorts of purposes but

296

00:14:15,440 --> 00:14:21,260
principally we put on theatre here we

297

00:14:18,740 --> 00:14:24,970
put on plays in the adelaide fringe

298

00:14:21,259 --> 00:14:30,110
recently we had a play called CP ER now

299

00:14:24,970 --> 00:14:34,190
sepia was about three family growing up

300
00:14:30,110 --> 00:14:39,080
in whyalla in regional South Australia

301
00:14:34,190 --> 00:14:41,750
and through that their story we were

302
00:14:39,080 --> 00:14:44,180
able to explore the science things

303
00:14:41,750 --> 00:14:46,519
behind what's happening with the

304
00:14:44,179 --> 00:14:49,609
cuttlefish at wire what's happening with

305
00:14:46,519 --> 00:14:51,710
the the steel industry there is wise

306
00:14:49,610 --> 00:14:54,289
it's shutting down what's happening with

307
00:14:51,710 --> 00:14:57,940
the desal plant has proposed for it a

308
00:14:54,289 --> 00:15:00,799
lot of interesting in many ways

309
00:14:57,940 --> 00:15:03,230
confrontational scientific issues were

310
00:15:00,799 --> 00:15:05,120
able to be presented in a way that took

311
00:15:03,230 --> 00:15:08,300
the confrontation out of it and you were

312
00:15:05,120 --> 00:15:10,340
able to just explain the science and

313
00:15:08,299 --> 00:15:13,399
again people came for the play they

314

00:15:10,340 --> 00:15:15,860
wanted to see people performing and they

315
00:15:13,399 --> 00:15:18,110
managed to take on board a lot of

316
00:15:15,860 --> 00:15:20,450
science without actually having to work

317
00:15:18,110 --> 00:15:23,159
at it you know again it's engaging the

318
00:15:20,450 --> 00:15:24,870
disengages getting getting in

319
00:15:23,159 --> 00:15:26,969
for people who normally would not want

320
00:15:24,870 --> 00:15:30,568
to think about science but one of the

321
00:15:26,970 --> 00:15:34,920
stories I like about this room from the

322
00:15:30,568 --> 00:15:37,169
stock exchange days is I met up with a

323
00:15:34,919 --> 00:15:39,659
stockbroker who spent his whole working

324
00:15:37,169 --> 00:15:42,539
life in this building and he told me the

325
00:15:39,659 --> 00:15:45,409
story that there was one stock broker

326
00:15:42,539 --> 00:15:49,259
who made a fantastic living out of here

327
00:15:45,409 --> 00:15:53,278
so much so he barely left the building

328
00:15:49,259 --> 00:15:55,409

and he bought himself one of the rooms

329

00:15:53,278 --> 00:15:59,639

in a hotel across Granville Street which

330

00:15:55,409 --> 00:16:01,068

is 30 or 40 meters away so that it was

331

00:15:59,639 --> 00:16:04,259

easy for him to get to work and back

332

00:16:01,068 --> 00:16:06,328

when he retired he didn't know anything

333

00:16:04,259 --> 00:16:07,949

other than this building and so he would

334

00:16:06,328 --> 00:16:11,370

come into this room every day and drink

335

00:16:07,948 --> 00:16:13,438

a bottle of scotch and one evening he

336

00:16:11,370 --> 00:16:16,139

got to the front door and realized that

337

00:16:13,438 --> 00:16:18,480

he was too pissed to walk the 30 meters

338

00:16:16,139 --> 00:16:21,448

home so he phoned up some Johns

339

00:16:18,480 --> 00:16:23,399

Ambulance and said if I buy you an

340

00:16:21,448 --> 00:16:25,799

ambulance will you take me home for the

341

00:16:23,399 --> 00:16:28,110

rest of my life and put me to bed and

342

00:16:25,799 --> 00:16:31,469

apparently they said how old are you and

343
00:16:28,110 --> 00:16:33,329
how far do we have to drive you and they

344
00:16:31,470 --> 00:16:35,730
struck a bargain and for the next five

345
00:16:33,328 --> 00:16:37,258
or ten years every night at eleven

346
00:16:35,730 --> 00:16:39,360
o'clock and ambulance would turn up at

347
00:16:37,259 --> 00:16:41,339
the front door de parte can piss rosum

348
00:16:39,360 --> 00:16:44,370
across the roads i broker put into bed

349
00:16:41,339 --> 00:16:47,130
and do it all again the next day and

350
00:16:44,370 --> 00:16:49,289
that essentially is it that is our

351
00:16:47,129 --> 00:16:52,889
that's very good our glorious building

352
00:16:49,289 --> 00:16:54,929
if anyone is visiting Adelaide and you

353
00:16:52,889 --> 00:16:56,669
want to have a look we are open to the

354
00:16:54,929 --> 00:17:00,599
public ten o'clock to five o'clock

355
00:16:56,669 --> 00:17:04,740
monday to friday and if you log on to

356
00:17:00,600 --> 00:17:08,400
our website re oh ok you and you can

357
00:17:04,740 --> 00:17:10,890
keep tabs on our program so if you're in

358
00:17:08,400 --> 00:17:13,288
Adelaide there may well be something on

359
00:17:10,890 --> 00:17:15,209
here at night and come in join in the

360
00:17:13,288 --> 00:17:18,179
fun join us in the auditorium have a

361
00:17:15,209 --> 00:17:20,189
glass of wine and and experience our

362
00:17:18,179 --> 00:17:21,839
wonderful building and beyond the

363
00:17:20,189 --> 00:17:24,048
building they should probably also point

364
00:17:21,838 --> 00:17:26,458
out that you have activities that are

365
00:17:24,048 --> 00:17:28,558
around the country as well like free

366
00:17:26,459 --> 00:17:29,279
range signs for example is the Winx EDM

367
00:17:28,558 --> 00:17:31,170
aware every

368
00:17:29,279 --> 00:17:34,289
science across Victoria in regional

369
00:17:31,170 --> 00:17:37,050
Victoria last year we followed or

370
00:17:34,289 --> 00:17:39,440
actually we went ahead of the solar

371

00:17:37,049 --> 00:17:41,759
challenge from Darwin's Adelaide

372
00:17:39,440 --> 00:17:44,340
explaining to the public what these

373
00:17:41,759 --> 00:17:48,240
weird cars were and how they worked and

374
00:17:44,339 --> 00:17:50,159
why the challenge was going on so we

375
00:17:48,240 --> 00:17:54,210
have plans to go into New South Wales

376
00:17:50,160 --> 00:17:57,330
with live events essentially you know we

377
00:17:54,210 --> 00:17:59,519
are looking at how we can get out there

378
00:17:57,329 --> 00:18:01,740
and work with other groups that are

379
00:17:59,519 --> 00:18:04,079
already doing science communication at

380
00:18:01,740 --> 00:18:06,779
one level or another and work out how we

381
00:18:04,079 --> 00:18:10,079
can value add to that and take it to the

382
00:18:06,779 --> 00:18:21,000
next level very good thank you very much

383
00:18:10,079 --> 00:18:22,939
Paul my pleasure the mystery

384
00:18:21,000 --> 00:18:25,589
investigators show four high schools

385
00:18:22,940 --> 00:18:29,009

using science to investigate the strange

386

00:18:25,589 --> 00:18:32,750

and mysterious spoon bending fire

387

00:18:29,009 --> 00:18:37,079

walking a bit of nails water divining

388

00:18:32,750 --> 00:18:39,809

astrology false memories how do you use

389

00:18:37,079 --> 00:18:42,230

the scientific method to investigate and

390

00:18:39,809 --> 00:18:45,750

explain these strange and amazing claims

391

00:18:42,230 --> 00:18:49,589

the mystery investigators show is a fun

392

00:18:45,750 --> 00:18:53,640

interactive hour of science and magic if

393

00:18:49,589 --> 00:18:56,399

you're in the sydney area visit w WM

394

00:18:53,640 --> 00:18:59,070

astray investigators calm to find out

395

00:18:56,400 --> 00:19:01,050

more and for bookings the mystery

396

00:18:59,069 --> 00:19:05,389

investigators using science to

397

00:19:01,049 --> 00:19:05,389

investigate the strange and mysterious

398

00:19:13,950 --> 00:19:18,580

hi I'm Richard Wiseman I'm the

399

00:19:16,390 --> 00:19:20,680

psychologist behind dream on the new

400
00:19:18,579 --> 00:19:23,799
mass participation experiment that aims

401
00:19:20,680 --> 00:19:25,930
to give you the perfect dream all you

402
00:19:23,799 --> 00:19:29,559
need to do is download the dream on

403
00:19:25,930 --> 00:19:32,860
iphone app before you go to bed press

404
00:19:29,559 --> 00:19:37,929
the start dreaming button next decide

405
00:19:32,859 --> 00:19:40,649
what time you want to wake up select an

406
00:19:37,930 --> 00:19:40,650
alarm tone

407
00:19:41,900 --> 00:19:45,910
and then choose one of the soundscapes

408
00:19:47,650 --> 00:19:53,800
now plug in your iphone press Start and

409
00:19:51,250 --> 00:19:56,710
place it face down on the bed next to

410
00:19:53,799 --> 00:19:59,559
you throughout the night the app will

411
00:19:56,710 --> 00:20:01,539
monitor and log your movements and then

412
00:19:59,559 --> 00:20:04,240
about 20 minutes before you want to wake

413
00:20:01,539 --> 00:20:06,490
up it will go into dream mode it will

414
00:20:04,240 --> 00:20:08,019
wait until you're especially still which

415
00:20:06,490 --> 00:20:10,089
is an indication that you're dreaming

416
00:20:08,019 --> 00:20:13,539
and then gently play in your chosen

417
00:20:10,089 --> 00:20:15,639
soundscape now the theory is that sound

418
00:20:13,539 --> 00:20:17,700
what influence your subconscious and

419
00:20:15,640 --> 00:20:20,500
you'll incorporate it into your dream

420
00:20:17,700 --> 00:20:22,630
when you start to move around again the

421
00:20:20,500 --> 00:20:25,420
app will sound the alarm gently wake you

422
00:20:22,630 --> 00:20:27,970
up and prompt you to send in a brief

423
00:20:25,420 --> 00:20:29,800
report of your dream you can also post

424
00:20:27,970 --> 00:20:31,779
it on Twitter you can tag your friends

425
00:20:29,799 --> 00:20:38,589
if they appeared in your dream and send

426
00:20:31,779 --> 00:20:40,660
it on to facebook in a few months time

427
00:20:38,589 --> 00:20:42,609
we'll examine the data and see if it

428

00:20:40,660 --> 00:20:45,310
really is possible to create the perfect

429
00:20:42,609 --> 00:20:47,669
dream thanks for taking part and sweet

430
00:20:45,309 --> 00:20:47,669
dreams

431
00:20:57,500 --> 00:21:03,660
people everywhere since the very dawn of

432
00:21:00,779 --> 00:21:06,009
time I'm trying to find the secret of

433
00:21:03,660 --> 00:21:10,000
successes

434
00:21:06,009 --> 00:21:14,309
the answer was so simple and sublime and

435
00:21:10,000 --> 00:21:14,309
best of all so easy to possess

436
00:21:15,230 --> 00:21:21,500
but then we'll never understand

437
00:21:17,849 --> 00:21:24,909
centuries of knowledge on display

438
00:21:21,500 --> 00:21:24,910
now we can the

439
00:21:25,490 --> 00:21:30,279
in a TV in commercial kind of way

440
00:21:31,548 --> 00:21:36,609
just put on your mighty mystic power

441
00:21:33,769 --> 00:21:36,609
races

442
00:21:36,769 --> 00:21:43,579

like skills increase

443

00:21:40,119 --> 00:21:46,929

this tiny molded beer glasses

444

00:21:43,579 --> 00:21:51,069

is imbued with all the magic of the east

445

00:21:46,930 --> 00:21:56,600

this magic band may cost lots of money

446

00:21:51,069 --> 00:22:00,589

so show your credit card uncle si si am

447

00:21:56,599 --> 00:22:05,019

ia mystic power bracelet there's no one

448

00:22:00,589 --> 00:22:05,019

said placebo should be free

449

00:22:08,979 --> 00:22:14,328

now there are those who wonder in this

450

00:22:11,989 --> 00:22:17,600

magic really works Richard Saunders

451

00:22:14,328 --> 00:22:19,759

likes to say it's all a sham

452

00:22:17,599 --> 00:22:22,159

but they are just closed-minded all

453

00:22:19,759 --> 00:22:26,119

those condescending jerks who could

454

00:22:22,160 --> 00:22:28,519

argue with the tiny hologram some

455

00:22:26,119 --> 00:22:31,009

studies have been done to find out these

456

00:22:28,519 --> 00:22:33,769

fans impressed but clearly there is

457
00:22:31,009 --> 00:22:37,359
still more work to do

458
00:22:33,769 --> 00:22:37,359
and only the signs

459
00:22:42,919 --> 00:22:47,820
so just put on your body mystic power

460
00:22:45,829 --> 00:22:52,079
bracelet

461
00:22:47,819 --> 00:22:57,119
you're balancing skills increase because

462
00:22:52,079 --> 00:23:01,099
it's tiny plastic feud with all the

463
00:22:57,119 --> 00:23:04,909
magic of the east this path man because

464
00:23:01,099 --> 00:23:04,909
of money

465
00:23:07,400 --> 00:23:16,430
despite my day mystic power bracelets is

466
00:23:12,029 --> 00:23:16,430
no one said Placido should be

467
00:23:17,609 --> 00:23:21,579
just put on your magic mystic power

468
00:23:19,859 --> 00:23:24,189
bracelets

469
00:23:21,579 --> 00:23:28,059
see your balance and athletic skills in

470
00:23:24,190 --> 00:23:33,059
Greece because this tiny molded bit of

471
00:23:28,059 --> 00:23:38,940
plastic is a mute all the magic of East

472
00:23:33,059 --> 00:23:38,940
this magic man because lots of money

473
00:23:41,069 --> 00:23:48,960
is by a mighty mystic power faceless

474
00:23:45,450 --> 00:23:52,399
you know what said the tzivos I just

475
00:23:48,960 --> 00:23:55,110
save the sea bows what a bed was

476
00:23:52,398 --> 00:23:57,268
overpriced bits of plastic manufactured

477
00:23:55,109 --> 00:23:59,099
in Chinese factories for pennies and so

478
00:23:57,269 --> 00:24:00,450
the ridiculous prices to gullible people

479
00:23:59,099 --> 00:24:02,099
in the West to think their strength

480
00:24:00,450 --> 00:24:04,350
balance flexibility and overall

481
00:24:02,099 --> 00:24:11,629
well-being will be improved but who

482
00:24:04,349 --> 00:24:11,629
ought to know better free

483
00:24:18,839 --> 00:24:24,788
this is desiree host of Canadian radio

484
00:24:21,669 --> 00:24:26,769
show skeptically speaking for those of

485

00:24:24,788 --> 00:24:29,200
you that don't know Kenneth is quite

486
00:24:26,769 --> 00:24:31,569
similar to Australia people know as

487
00:24:29,200 --> 00:24:34,590
primarily for our weather in our beer

488
00:24:31,569 --> 00:24:38,740
and we have a queen just like you do

489
00:24:34,589 --> 00:24:40,928
same one as you do actually we also have

490
00:24:38,740 --> 00:24:43,240
mythical monsters and people who think

491
00:24:40,929 --> 00:24:44,710
they have psychic abilities and people

492
00:24:43,240 --> 00:24:47,649
who think that vaccinations are bad for

493
00:24:44,710 --> 00:24:49,749
you so keep listening to the skeptic

494
00:24:47,648 --> 00:24:56,258
zone and know that we're all in this

495
00:24:49,749 --> 00:25:03,038
together join us now for drinking

496
00:24:56,259 --> 00:25:05,048
skeptically in the think tank have

497
00:25:03,038 --> 00:25:07,148
lovely music here at the moment that is

498
00:25:05,048 --> 00:25:10,058
part after that it is very nice very

499
00:25:07,148 --> 00:25:11,888

mellow background music may not yeah I

500

00:25:10,058 --> 00:25:13,569

was enjoying right said fred earlier too

501

00:25:11,888 --> 00:25:15,189

i thought it was a little bit why today

502

00:25:13,569 --> 00:25:17,138

for a daydream i think that should be

503

00:25:15,190 --> 00:25:18,759

played as the national anthem i think

504

00:25:17,138 --> 00:25:21,008

you're right it's good to see you here

505

00:25:18,759 --> 00:25:23,470

in the think tank and bastard cheap ICP

506

00:25:21,009 --> 00:25:24,970

g'day everybody well it's been a long

507

00:25:23,470 --> 00:25:28,329

time since you've joined us good to see

508

00:25:24,970 --> 00:25:31,538

you along and studying her notes on her

509

00:25:28,329 --> 00:25:34,298

iPad and with a nice glass of wine in

510

00:25:31,538 --> 00:25:36,429

front of her it's dr. Rachel hello dr.

511

00:25:34,298 --> 00:25:38,259

18 hi Richard how are you I'm really

512

00:25:36,429 --> 00:25:39,730

well I'm particularly happy tonight with

513

00:25:38,259 --> 00:25:43,028

us we're back in the think tank but we

514
00:25:39,730 --> 00:25:45,339
must right at the top of the show a big

515
00:25:43,028 --> 00:25:47,669
thank you and a big shout out because

516
00:25:45,339 --> 00:25:50,009
when i was in Manchester for QED

517
00:25:47,669 --> 00:25:52,620
convention which was a fabulous time

518
00:25:50,009 --> 00:25:54,660
somebody rushed up to me

519
00:25:52,619 --> 00:25:58,259
shoved an envelope in my hand and rushed

520
00:25:54,660 --> 00:26:00,660
away well not quite the envelope says on

521
00:25:58,259 --> 00:26:02,579
it a round of drinks for the next think

522
00:26:00,660 --> 00:26:05,160
tank thanks for the show best wishes

523
00:26:02,579 --> 00:26:08,369
andy beal nodding him skeptics in the

524
00:26:05,160 --> 00:26:10,380
pub and thank you Andy he gave us enough

525
00:26:08,369 --> 00:26:14,009
money and in front of us all a drink so

526
00:26:10,380 --> 00:26:15,150
Andy and Nottingham skeptics cheers and

527
00:26:14,009 --> 00:26:18,509
y'all be getting lucky tonight because

528
00:26:15,150 --> 00:26:20,400
of you Andy thank you hmm and it's it's

529
00:26:18,509 --> 00:26:22,710
friday the 13th manor so maybe you'll be

530
00:26:20,400 --> 00:26:25,170
getting lucky with a vampire oh I would

531
00:26:22,710 --> 00:26:27,779
hope so too i mean i was born on the 13

532
00:26:25,170 --> 00:26:29,308
so i don't i'm not very scared of 13 now

533
00:26:27,779 --> 00:26:31,558
folks just before we get into the think

534
00:26:29,308 --> 00:26:33,569
tank of course right at this moment from

535
00:26:31,558 --> 00:26:37,259
the next few days at least we've got

536
00:26:33,569 --> 00:26:39,599
Maynard paraphernalia Maynard's package

537
00:26:37,259 --> 00:26:41,910
as i've called it it's up for bid why

538
00:26:39,599 --> 00:26:43,949
did you call it that because it's me not

539
00:26:41,910 --> 00:26:44,970
you look and thank everyone that's made

540
00:26:43,950 --> 00:26:47,340
a bid on it and thank you everyone

541
00:26:44,970 --> 00:26:49,170
that's contributed to Tam I will be

542

00:26:47,339 --> 00:26:50,730
there and no one's taken up if you've

543
00:26:49,170 --> 00:26:52,769
got any questions you'd like me to ask

544
00:26:50,730 --> 00:26:54,990
anyone specifically drop in line through

545
00:26:52,769 --> 00:26:56,609
my email email at my website or through

546
00:26:54,990 --> 00:26:57,779
the skeptic zone and I'll try and ask

547
00:26:56,609 --> 00:26:59,428
that question for you to the appropriate

548
00:26:57,779 --> 00:27:01,799
person I mean that's the least I can do

549
00:26:59,429 --> 00:27:03,210
but in front of me now are a couple of

550
00:27:01,799 --> 00:27:05,639
the items that are up a bit at the

551
00:27:03,210 --> 00:27:08,009
moment we've got Maynard's classics 95

552
00:27:05,640 --> 00:27:10,800
to 2000 signed by your good self

553
00:27:08,009 --> 00:27:13,349
including such standout hits from such

554
00:27:10,799 --> 00:27:15,599
long lasting groups as a louie vega who

555
00:27:13,349 --> 00:27:18,058
could forget member number five and and

556
00:27:15,599 --> 00:27:19,709

t-shirt with their cover of the hot

557

00:27:18,058 --> 00:27:21,509

chocolate song you sexy thing those

558

00:27:19,710 --> 00:27:25,110

memories can be yours folks on that

559

00:27:21,509 --> 00:27:28,049

double CD set and also in that that

560

00:27:25,109 --> 00:27:29,609

collection we have Maynard's dag quiz

561

00:27:28,049 --> 00:27:31,019

book and here's an example of one of the

562

00:27:29,609 --> 00:27:32,729

questions you can challenge people in

563

00:27:31,019 --> 00:27:37,259

fact all are you ready for challenge CP

564

00:27:32,730 --> 00:27:39,690

see what I can do okay oh there we go in

565

00:27:37,259 --> 00:27:43,890

get smart where would you normally find

566

00:27:39,690 --> 00:27:45,600

agent 13 agent 13 hiding inside the most

567

00:27:43,890 --> 00:27:48,630

inconspicuous of objects whether it's a

568

00:27:45,599 --> 00:27:50,969

tree post box behind the wall and mirror

569

00:27:48,630 --> 00:27:53,660

great show great just an all-time

570

00:27:50,970 --> 00:27:55,799

classic of course now a cup of

571
00:27:53,660 --> 00:27:58,110
interesting items floating around the

572
00:27:55,799 --> 00:28:00,178
old internets the old world of

573
00:27:58,109 --> 00:28:03,629
skepticism for the internets let me

574
00:28:00,179 --> 00:28:05,170
quickly cover what was making news in

575
00:28:03,630 --> 00:28:07,060
the sort of the skeptical

576
00:28:05,170 --> 00:28:09,880
look 3 thinkers critical thinking

577
00:28:07,059 --> 00:28:12,129
atheist sort of community at the moment

578
00:28:09,880 --> 00:28:14,140
in Melbourne and we can't make it there

579
00:28:12,130 --> 00:28:16,600
is the big a theist convention so I hope

580
00:28:14,140 --> 00:28:18,670
everybody's having a good time anyway

581
00:28:16,599 --> 00:28:21,779
Richard Dawkins was on a very popular

582
00:28:18,670 --> 00:28:24,100
show here in Australia called Q & A and

583
00:28:21,779 --> 00:28:25,930
it was just here it's usually lots of

584
00:28:24,099 --> 00:28:27,399
politicians and commentators all having

585
00:28:25,930 --> 00:28:29,200
a chat man answering questions but it

586
00:28:27,400 --> 00:28:33,310
was just him Richard Dawkins the

587
00:28:29,200 --> 00:28:34,930
moderator and a Cardinal George Pell the

588
00:28:33,309 --> 00:28:36,879
Catholic Cardinal here I think he's the

589
00:28:34,930 --> 00:28:39,070
highest bishop in Australia yeah he's

590
00:28:36,880 --> 00:28:41,050
the highest ranking Catholic in

591
00:28:39,069 --> 00:28:42,909
Australia and of course it was basically

592
00:28:41,049 --> 00:28:46,089
his there a god or isn't there a god and

593
00:28:42,910 --> 00:28:47,950
what good as religion yada yada yada the

594
00:28:46,089 --> 00:28:50,139
whole thing was went for an hour it's on

595
00:28:47,950 --> 00:28:52,630
YouTube just Google or just go to

596
00:28:50,140 --> 00:28:54,280
youtube and look for George Pell Q&A

597
00:28:52,630 --> 00:28:56,290
Richard Dawkins you'll find it's all

598
00:28:54,279 --> 00:28:58,329
there but it was notable for a couple of

599

00:28:56,289 --> 00:29:01,240
reasons one George Pell increasingly

600
00:28:58,329 --> 00:29:03,699
stopped making sense through out the

601
00:29:01,240 --> 00:29:05,859
whole show was kidding just strange what

602
00:29:03,700 --> 00:29:07,330
he was saying and also I don't think

603
00:29:05,859 --> 00:29:09,789
Richard Dawkins was firing on all

604
00:29:07,329 --> 00:29:11,349
cylinders look to me I only saw the

605
00:29:09,789 --> 00:29:12,609
second half of it because I really don't

606
00:29:11,349 --> 00:29:14,740
like to show cuz i can't stand less

607
00:29:12,609 --> 00:29:16,449
stupid tweets a turf down the bottom um

608
00:29:14,740 --> 00:29:18,250
I think I'm gonna actually get a

609
00:29:16,450 --> 00:29:20,830
patented Manor bit of cardboard the

610
00:29:18,250 --> 00:29:22,480
computer over the bottom third because

611
00:29:20,829 --> 00:29:24,039
because they just seem to put this Marty

612
00:29:22,480 --> 00:29:26,049
bum tweets on there that I tend to put

613
00:29:24,039 --> 00:29:28,599

stuff that's like any of the advances in

614

00:29:26,049 --> 00:29:30,669

any way but yeah mr. Dawkins he looked

615

00:29:28,599 --> 00:29:34,119

like he was over it he just looked like

616

00:29:30,670 --> 00:29:35,560

he's really over it lags and now you

617

00:29:34,119 --> 00:29:37,179

might say oh you know it's just a cop

618

00:29:35,559 --> 00:29:39,369

out by Dawkins saying is jet like folks

619

00:29:37,180 --> 00:29:41,799

jet lag jet lag really screws with your

620

00:29:39,369 --> 00:29:43,389

brain you can be out to lunch you can do

621

00:29:41,799 --> 00:29:45,970

things not realize that you can't think

622

00:29:43,390 --> 00:29:48,280

of people's names be there does it make

623

00:29:45,970 --> 00:29:50,789

I'll just play a little clip now off the

624

00:29:48,279 --> 00:29:53,349

show do you believe that homosexuality

625

00:29:50,789 --> 00:29:56,589

since it's not a question of choice is

626

00:29:53,349 --> 00:29:59,289

part of God's natural order Oh creations

627

00:29:56,589 --> 00:30:01,240

messy that I think it's the oriental

628
00:29:59,289 --> 00:30:02,950
carpet makers always leave a little flaw

629
00:30:01,240 --> 00:30:04,839
in their carpet because only God's

630
00:30:02,950 --> 00:30:06,670
perfect bit so I gave it you suggesting

631
00:30:04,839 --> 00:30:11,049
that homosexuals of flawed human beings

632
00:30:06,670 --> 00:30:15,789
and not necessarily but what I am saying

633
00:30:11,049 --> 00:30:18,019
is I I don't think homosexual activity

634
00:30:15,789 --> 00:30:20,059
is simply

635
00:30:18,019 --> 00:30:23,480
the result of genetic makeup because we

636
00:30:20,059 --> 00:30:25,639
are free we can control our instincts

637
00:30:23,480 --> 00:30:29,660
and like we're heredity and environment

638
00:30:25,640 --> 00:30:31,250
a lot of this practice is is learn now

639
00:30:29,660 --> 00:30:33,320
there you go now that's a pretty unusual

640
00:30:31,250 --> 00:30:35,599
thing that's all isn't from a Catholic

641
00:30:33,319 --> 00:30:37,730
Archbishop to say about gay people look

642
00:30:35,599 --> 00:30:39,379
I thought sheep you had some comments

643
00:30:37,730 --> 00:30:41,029
assailant and that earlier I think we're

644
00:30:39,380 --> 00:30:44,570
very pertinent to that situation you

645
00:30:41,029 --> 00:30:45,740
know yeah you can if make any comment at

646
00:30:44,569 --> 00:30:47,960
all about other religious groups

647
00:30:45,740 --> 00:30:50,150
everybody jumps on it all of a sudden

648
00:30:47,960 --> 00:30:52,340
you're extremely offensive stuff like

649
00:30:50,150 --> 00:30:55,460
that you say anything bad about gays or

650
00:30:52,339 --> 00:30:57,079
atheists and it's finds perfectly happy

651
00:30:55,460 --> 00:30:59,960
everybody lets you get away with it's

652
00:30:57,079 --> 00:31:01,909
not the same level of indignation were

653
00:30:59,960 --> 00:31:05,140
might say yeah people like George Pell

654
00:31:01,910 --> 00:31:08,180
can be absolutely blatantly insulting

655
00:31:05,140 --> 00:31:10,340
cutting people down like no tomorrow but

656

00:31:08,180 --> 00:31:12,890
if he's talking about gays are atheists

657
00:31:10,339 --> 00:31:15,169
when he's doing it everybody turns a

658
00:31:12,890 --> 00:31:18,530
blind eye nobody seems to care and

659
00:31:15,170 --> 00:31:21,410
that's extremely offensive it is strange

660
00:31:18,529 --> 00:31:23,480
but again if listeners our interest it's

661
00:31:21,410 --> 00:31:26,990
all on youtube it's all on youtube it's

662
00:31:23,480 --> 00:31:29,059
anyway it wasn't the finest outer outing

663
00:31:26,990 --> 00:31:31,779
usually they use that term by both these

664
00:31:29,059 --> 00:31:33,889
men I mean obviously not although again

665
00:31:31,779 --> 00:31:36,109
another interesting thing that George

666
00:31:33,890 --> 00:31:39,170
pill was saying that he says oh of

667
00:31:36,109 --> 00:31:41,689
course atheists go to heaven yeah but

668
00:31:39,170 --> 00:31:45,170
what I'm a sexual what a part of carpets

669
00:31:41,690 --> 00:31:47,330
I mean exactly it was it was confused

670
00:31:45,170 --> 00:31:49,340

messages all I might say confused

671

00:31:47,329 --> 00:31:52,939

messages and speaking of confused

672

00:31:49,339 --> 00:31:56,029

messages if this is a segue we its world

673

00:31:52,940 --> 00:31:59,420

homeopathy awareness week and yesterday

674

00:31:56,029 --> 00:32:02,539

was a grilled cheese sandwich day as

675

00:31:59,420 --> 00:32:04,970

well I started I know that because

676

00:32:02,539 --> 00:32:07,250

pee-wee Herman tweeted that so it has to

677

00:32:04,970 --> 00:32:08,509

be true I didn't even get a grilled

678

00:32:07,250 --> 00:32:10,279

cheese sandwich I'm gonna have to make

679

00:32:08,509 --> 00:32:11,240

up for it later okay oh yeah look you

680

00:32:10,279 --> 00:32:13,250

know I think if they should be grilled

681

00:32:11,240 --> 00:32:15,109

cheese sandwich month so you know so

682

00:32:13,250 --> 00:32:17,539

every day has a day and I think there's

683

00:32:15,109 --> 00:32:18,709

a website where you go uh what's the day

684

00:32:17,539 --> 00:32:20,059

about or something like that have a lot

685
00:32:18,710 --> 00:32:22,250
of back onto the top of grilled cheese

686
00:32:20,059 --> 00:32:24,649
sandwiches this week happens every year

687
00:32:22,250 --> 00:32:26,450
and about mid April and I think it is a

688
00:32:24,650 --> 00:32:28,790
fantastic initiative i think all

689
00:32:26,450 --> 00:32:30,500
skeptics should take it up and try to

690
00:32:28,789 --> 00:32:31,480
help out the homie pats with it and

691
00:32:30,500 --> 00:32:34,750
tribes are red

692
00:32:31,480 --> 00:32:36,400
now what homeopathy actually is that's

693
00:32:34,750 --> 00:32:38,440
the most damaging thing we can do to

694
00:32:36,400 --> 00:32:40,150
homeopaths tell people what it actually

695
00:32:38,440 --> 00:32:42,460
eat well it's not a grilled cheese

696
00:32:40,150 --> 00:32:44,170
sandwich that's crucial well in fact a

697
00:32:42,460 --> 00:32:45,670
lot of initiatives do they do do they go

698
00:32:44,170 --> 00:32:47,410
on the media and talk about it do they

699
00:32:45,670 --> 00:32:49,840
picture Big Ten some even have a chat

700
00:32:47,410 --> 00:32:51,250
but strange you said should say that

701
00:32:49,839 --> 00:32:52,959
because the number of years ago they did

702
00:32:51,250 --> 00:32:54,579
actually pitch some tents down in

703
00:32:52,960 --> 00:32:56,680
circular key in the little park there

704
00:32:54,579 --> 00:32:59,049
here in Sydney and we're promoting world

705
00:32:56,680 --> 00:33:00,880
homie apart homeopathic Awareness Week

706
00:32:59,049 --> 00:33:03,309
and that's where I first tumbled them

707
00:33:00,880 --> 00:33:04,870
when they were giving out leaflets

708
00:33:03,309 --> 00:33:08,859
saying we're going to be appearing at

709
00:33:04,869 --> 00:33:11,799
the babies mothers and babies fair and i

710
00:33:08,859 --> 00:33:14,919
went to the mothers and babies there and

711
00:33:11,799 --> 00:33:16,480
they told me to my face that they would

712
00:33:14,920 --> 00:33:19,600
not recommend vaccinations and you

713

00:33:16,480 --> 00:33:21,640
shouldn't use homeopathy so yeah and did

714
00:33:19,599 --> 00:33:23,709
you start arguing with them straightaway

715
00:33:21,640 --> 00:33:26,140
no no no no I just said oh that's very

716
00:33:23,710 --> 00:33:28,390
good then we reported it and in the

717
00:33:26,140 --> 00:33:29,800
skeptic on the webpage and everything I

718
00:33:28,390 --> 00:33:31,420
think we even had a press release this

719
00:33:29,799 --> 00:33:33,809
is going back a number of years ago as

720
00:33:31,420 --> 00:33:36,060
well I don't know what they do

721
00:33:33,809 --> 00:33:40,179
internationally apart from they try to

722
00:33:36,059 --> 00:33:42,490
throttle twitter with the hashtag wh aw

723
00:33:40,180 --> 00:33:44,440
four well hung up the awareness week but

724
00:33:42,490 --> 00:33:46,930
of course a hashtag is not reserved just

725
00:33:44,440 --> 00:33:50,559
for proponents of homeopathy it as CP

726
00:33:46,930 --> 00:33:55,120
says it can also be used by opponents so

727
00:33:50,559 --> 00:33:57,339

we tend to use that this week to tweet

728

00:33:55,119 --> 00:33:59,079
information that as CP says well

729

00:33:57,339 --> 00:34:02,049
enlighten people as to actually wat

730

00:33:59,079 --> 00:34:06,099
homeopathy is and hashtag it with wh aw

731

00:34:02,049 --> 00:34:07,960
and 10 23 and 23 yo now most people are

732

00:34:06,099 --> 00:34:10,210
aware of what the 10 23 campaign is

733

00:34:07,960 --> 00:34:12,070
about but if you don't know it was set

734

00:34:10,210 --> 00:34:15,940
up by the Merseyside skeptics a couple

735

00:34:12,070 --> 00:34:17,950
of years ago and the relevance of 1023

736

00:34:15,940 --> 00:34:20,440
is that that's Avogadro's constant which

737

00:34:17,949 --> 00:34:22,689
is the number beyond which if you dilute

738

00:34:20,440 --> 00:34:24,429
something there's a very small

739

00:34:22,690 --> 00:34:27,579
likelihood you'll have one original

740

00:34:24,429 --> 00:34:31,690
molecule remaining and of course most

741

00:34:27,579 --> 00:34:34,539
homeopathic therapies or remedies have

742
00:34:31,690 --> 00:34:36,639
about 10 to the 30 dilution that's the

743
00:34:34,539 --> 00:34:37,989
comment on and on and on well on and on

744
00:34:36,639 --> 00:34:40,269
but the common one that you'll buy in

745
00:34:37,989 --> 00:34:43,209
the chemist shop is about 10 to 5 30 so

746
00:34:40,269 --> 00:34:44,409
you're deleting it deleting it you're

747
00:34:43,210 --> 00:34:46,990
diluting it should be

748
00:34:44,409 --> 00:34:49,510
yeah you're diluting it to such a degree

749
00:34:46,989 --> 00:34:51,848
that there's nothing left in it so I've

750
00:34:49,510 --> 00:34:53,409
already had a few arguments this week

751
00:34:51,849 --> 00:34:55,950
with a few homeopaths on twitter because

752
00:34:53,409 --> 00:35:00,220
they've picked me up through the wh aw

753
00:34:55,949 --> 00:35:02,259
hashtag so people tend to write blogs

754
00:35:00,219 --> 00:35:05,078
this week who are skeptics they tend to

755
00:35:02,260 --> 00:35:07,210
use that hashtag and just get the

756
00:35:05,079 --> 00:35:08,740
information out that homeopathy there's

757
00:35:07,210 --> 00:35:12,190
nothing in it which is the catchphrase

758
00:35:08,739 --> 00:35:14,338
of 1023 and they've certainly fictive

759
00:35:12,190 --> 00:35:16,510
quite a week to do this too because

760
00:35:14,338 --> 00:35:17,920
today yesterday as i said was

761
00:35:16,510 --> 00:35:21,089
international grilled cheese sandwich

762
00:35:17,920 --> 00:35:23,460
day today is national peach cobbler day

763
00:35:21,088 --> 00:35:25,420
and of course Nick next week

764
00:35:23,460 --> 00:35:27,849
international moment of life today is

765
00:35:25,420 --> 00:35:30,490
celebrated on the 14th on the fifteenth

766
00:35:27,849 --> 00:35:34,450
there's national blazedd ham day on the

767
00:35:30,489 --> 00:35:36,009
16 16 on the 16th is national eggs

768
00:35:34,449 --> 00:35:38,588
benedict day and I got to say who

769
00:35:36,010 --> 00:35:40,660
doesn't enjoy that April seventeenth is

770

00:35:38,588 --> 00:35:42,279
tax day and of course sir this will fit

771
00:35:40,659 --> 00:35:43,838
in well what they're doing on the 18th

772
00:35:42,280 --> 00:35:46,180
of April its national wear your pajamas

773
00:35:43,838 --> 00:35:48,099
to work day we're just giving back to

774
00:35:46,179 --> 00:35:51,489
the homeopathy think it's interesting

775
00:35:48,099 --> 00:35:52,990
what you say Rachel you know beyond the

776
00:35:51,489 --> 00:35:55,979
limit there's no molecule et cetera et

777
00:35:52,989 --> 00:35:58,088
cetera but I have the opinion that

778
00:35:55,980 --> 00:35:59,650
certainly the vast majority of stuff

779
00:35:58,088 --> 00:36:01,389
you'd buy in boots in the UK or the

780
00:35:59,650 --> 00:36:03,818
pharmacies hear the little pills have

781
00:36:01,389 --> 00:36:05,528
never been within shouting distance of

782
00:36:03,818 --> 00:36:07,420
any of the ingredients they just turned

783
00:36:05,528 --> 00:36:09,190
out sugar pills isn't it there's no

784
00:36:07,420 --> 00:36:10,990

process they just turn them out and so

785

00:36:09,190 --> 00:36:12,700

on yeah well nobody knows that do they I

786

00:36:10,989 --> 00:36:15,548

mean we don't know that for sure but I

787

00:36:12,699 --> 00:36:18,129

suspect you're right but our favorite

788

00:36:15,548 --> 00:36:21,038

homeopath in Australia France Sheffield

789

00:36:18,130 --> 00:36:22,599

who can't hurt me ft plus just recently

790

00:36:21,039 --> 00:36:24,010

a Facebook page has been set up called

791

00:36:22,599 --> 00:36:25,539

stop homie up with your place and a

792

00:36:24,010 --> 00:36:28,740

twitter account started up a couple of

793

00:36:25,539 --> 00:36:31,420

days ago you stopped me over BP i think

794

00:36:28,739 --> 00:36:36,699

yes and on Facebook just search will

795

00:36:31,420 --> 00:36:38,829

stop homeopathy plus yeah now I somebody

796

00:36:36,699 --> 00:36:40,989

referred to this the other day because i

797

00:36:38,829 --> 00:36:42,219

retweeted something that i follow her me

798

00:36:40,989 --> 00:36:44,379

off your + on twitter and i also

799

00:36:42,219 --> 00:36:46,599

subscribe to their newsletter future and

800

00:36:44,380 --> 00:36:48,700

somebody tweeted at me the other day why

801

00:36:46,599 --> 00:36:50,380

are you trolling yourself like why do

802

00:36:48,699 --> 00:36:53,739

you subscribe to this stuff you for

803

00:36:50,380 --> 00:36:58,690

trying to troll yourself because you get

804

00:36:53,739 --> 00:37:00,309

the newsletter as well yes and the every

805

00:36:58,690 --> 00:37:02,559

single one that comes seems to be

806

00:37:00,309 --> 00:37:04,599

crazier than the one before it's just

807

00:37:02,559 --> 00:37:06,219

mental isn't it it's worth getting them

808

00:37:04,599 --> 00:37:08,049

it is worth getting just to see how

809

00:37:06,219 --> 00:37:09,489

mental it is because you mentioned that

810

00:37:08,050 --> 00:37:11,289

you don't think the pills have ever been

811

00:37:09,489 --> 00:37:13,929

in contact with any of the actual

812

00:37:11,289 --> 00:37:16,829

ingredients I got it I don't give an

813
00:37:13,929 --> 00:37:20,049
astronaut I think it was the last

814
00:37:16,829 --> 00:37:23,469
newsela that it was described how if you

815
00:37:20,050 --> 00:37:25,450
buy that by homeopathy as a pill and you

816
00:37:23,469 --> 00:37:28,029
want to make it into a liquid there were

817
00:37:25,449 --> 00:37:30,519
instructions as to how to do that so you

818
00:37:28,030 --> 00:37:33,550
dissolve the pill into a certain amount

819
00:37:30,519 --> 00:37:35,559
of liquid but you had to cicuta in

820
00:37:33,550 --> 00:37:37,810
between deletions and then you could

821
00:37:35,559 --> 00:37:42,340
make it into a liquid homeopathy memory

822
00:37:37,809 --> 00:37:44,460
instead of a pill homeopathy remedy and

823
00:37:42,340 --> 00:37:47,019
there was do you remember the previous

824
00:37:44,460 --> 00:37:48,699
newsletters don't come out about what we

825
00:37:47,019 --> 00:37:50,739
don't come out all the time and they

826
00:37:48,699 --> 00:37:52,419
keep actually repeat themselves a lot to

827

00:37:50,739 --> 00:37:55,059
you right there was a link today that i

828
00:37:52,420 --> 00:37:57,010
noticed came from 2011 but there was one

829
00:37:55,059 --> 00:37:59,889
recently that showed a Circassian

830
00:37:57,010 --> 00:38:01,570
machine and it had a drawing and it

831
00:37:59,889 --> 00:38:03,279
looked like a lithograph or an etching

832
00:38:01,570 --> 00:38:05,640
it was this really old-fashioned drawing

833
00:38:03,280 --> 00:38:09,850
and it looked like some kind of either

834
00:38:05,639 --> 00:38:12,250
chastity device or a suppository device

835
00:38:09,849 --> 00:38:14,469
it was really weird I nods nodding in

836
00:38:12,250 --> 00:38:17,230
agreement you know I'm here going now

837
00:38:14,469 --> 00:38:19,029
now I do know people that claim that the

838
00:38:17,230 --> 00:38:20,139
rescue remedy now is that a homeopathic

839
00:38:19,030 --> 00:38:21,430
remedy I know people who claim that

840
00:38:20,139 --> 00:38:23,650
rescue remedy works for them when

841
00:38:21,429 --> 00:38:25,299

they're in a time of stress is there

842

00:38:23,650 --> 00:38:27,430

been any experiment on this either way

843

00:38:25,300 --> 00:38:30,180

it was just the alcohol so it makes it

844

00:38:27,429 --> 00:38:32,190

does know it's a placebo placebo

845

00:38:30,179 --> 00:38:34,259

mm-hmm okay I was just asking that's all

846

00:38:32,190 --> 00:38:36,179

my secrets work when you're under

847

00:38:34,260 --> 00:38:37,740

stretch they can definitely because I

848

00:38:36,179 --> 00:38:41,069

thought perceive as many unuseful for

849

00:38:37,739 --> 00:38:42,989

pain ah know anything all sorts of

850

00:38:41,070 --> 00:38:44,340

things yes especially pain but I think

851

00:38:42,989 --> 00:38:45,929

anything if you're feeling stressed take

852

00:38:44,340 --> 00:38:47,460

this you'll feel better experience if

853

00:38:45,929 --> 00:38:49,500

you're feeling carsick take this you'll

854

00:38:47,460 --> 00:38:51,360

feel better not sleep take this the

855

00:38:49,500 --> 00:38:54,269

feeling carsick drag a bit of rubber on

856
00:38:51,360 --> 00:38:55,740
the behind the car remember that cuz I

857
00:38:54,269 --> 00:38:57,599
used to get carsick when I was it was

858
00:38:55,739 --> 00:39:00,299
quite a small boy and that was one of

859
00:38:57,599 --> 00:39:02,039
the things my dad tried yeah all busy

860
00:39:00,300 --> 00:39:03,330
that I know I thought it was just static

861
00:39:02,039 --> 00:39:05,849
electricity so you don't get is that

862
00:39:03,329 --> 00:39:08,519
from the car grounds of car that's in

863
00:39:05,849 --> 00:39:10,139
miss it doesn't do anything III didn't

864
00:39:08,519 --> 00:39:12,380
stop getting carsick on glows in my

865
00:39:10,139 --> 00:39:16,829
teens I just had to grow out of it oh

866
00:39:12,380 --> 00:39:18,240
yeah now as humorous as it is and can be

867
00:39:16,829 --> 00:39:20,009
you know all this silliness about

868
00:39:18,239 --> 00:39:22,259
homeopathy there is a bad site to it of

869
00:39:20,010 --> 00:39:25,680
course a very bad very dark and bad side

870
00:39:22,260 --> 00:39:28,710
as I said a few weeks back when I was a

871
00:39:25,679 --> 00:39:31,710
special guest on the SGU skeptics guide

872
00:39:28,710 --> 00:39:33,510
to the universe i said what people what

873
00:39:31,710 --> 00:39:35,429
we should do is be promoting homie off

874
00:39:33,510 --> 00:39:37,920
with these dirty little secret which is

875
00:39:35,429 --> 00:39:39,299
there is nothing in it right it's just

876
00:39:37,920 --> 00:39:40,800
about to say one of the dark sides of

877
00:39:39,300 --> 00:39:43,350
homeopathy has come to light just

878
00:39:40,800 --> 00:39:44,970
recently here in Australia Dr Ng well

879
00:39:43,349 --> 00:39:46,769
this is a continuing story about

880
00:39:44,969 --> 00:39:48,299
Penelope Dingle which has been covered

881
00:39:46,769 --> 00:39:51,719
for a number of years now I think she

882
00:39:48,300 --> 00:39:53,730
died in 2005 is that right 2004 yeah I'm

883
00:39:51,719 --> 00:39:55,919
from colon cancer or complications from

884

00:39:53,730 --> 00:39:57,510
college is particularly nasty it's just

885
00:39:55,920 --> 00:39:59,070
it wasn't treated for about two years

886
00:39:57,510 --> 00:40:01,050
because she was encouraged by a

887
00:39:59,070 --> 00:40:03,990
homeopath by the name of Francine's

888
00:40:01,050 --> 00:40:06,330
grain to just get homeopathic remedies

889
00:40:03,989 --> 00:40:08,489
to avoid any other conventional medicine

890
00:40:06,329 --> 00:40:11,210
and to not take conventional painkillers

891
00:40:08,489 --> 00:40:14,069
etc now this has been covered on

892
00:40:11,210 --> 00:40:15,990
extensively by an ABC documentary called

893
00:40:14,070 --> 00:40:17,850
Australian story which you can still

894
00:40:15,989 --> 00:40:21,269
find online and I'm pretty sure it's not

895
00:40:17,849 --> 00:40:24,480
geo blocked and in any case there's a

896
00:40:21,269 --> 00:40:25,650
transcript online and one of the most

897
00:40:24,480 --> 00:40:27,980
distressing things about that we've

898
00:40:25,650 --> 00:40:30,180

discussed it on the zone before was

899

00:40:27,980 --> 00:40:33,369

there was a coroner's investigation

900

00:40:30,179 --> 00:40:35,960

because the family of Penelope Dingle

901

00:40:33,369 --> 00:40:38,179

wanted to find out what the role of the

902

00:40:35,960 --> 00:40:40,699

homeopath was in the death of their

903

00:40:38,179 --> 00:40:43,369

sister or their you know relative yeah

904

00:40:40,699 --> 00:40:45,769

in addition to her husband Peter Dingle

905

00:40:43,369 --> 00:40:47,719

who used to be a lecturer and

906

00:40:45,769 --> 00:40:52,449

environmental toxicology at the

907

00:40:47,719 --> 00:40:55,669

University of a university in wa yeah

908

00:40:52,449 --> 00:40:58,000

whether it was curtain or anyway I don't

909

00:40:55,670 --> 00:41:00,470

want to say in case I'm wrong yeah

910

00:40:58,000 --> 00:41:03,380

anyway he subsequently steps down from

911

00:41:00,469 --> 00:41:07,250

the University or retired in inverted

912

00:41:03,380 --> 00:41:08,809

commas allegedly he may have been asked

913
00:41:07,250 --> 00:41:11,269
to leave but I don't know that for sure

914
00:41:08,809 --> 00:41:13,659
the reason I'm saying allegedly and I

915
00:41:11,269 --> 00:41:16,460
don't know for sure is because recently

916
00:41:13,659 --> 00:41:18,829
the sister of Penelope Dingle has now

917
00:41:16,460 --> 00:41:21,170
taken it to court to sue Francie and

918
00:41:18,829 --> 00:41:24,230
screen directly for her involvement in

919
00:41:21,170 --> 00:41:26,180
her sister's death now as a result of

920
00:41:24,230 --> 00:41:30,289
that Fran turns gray and has placed a

921
00:41:26,179 --> 00:41:35,779
slap on a skeptical blogger who was

922
00:41:30,289 --> 00:41:38,029
following this story now since its world

923
00:41:35,780 --> 00:41:41,000
homeopathy Awareness Week dan Buzzard is

924
00:41:38,030 --> 00:41:42,920
his name on twitter he dug out the

925
00:41:41,000 --> 00:41:45,590
letters that Penelope Dingle wrote to

926
00:41:42,920 --> 00:41:48,130
Francine's crying when she was very ill

927
00:41:45,590 --> 00:41:51,680
yeah really just before she passed away

928
00:41:48,130 --> 00:41:56,059
where she explains very clearly that she

929
00:41:51,679 --> 00:41:57,829
was misled by Francine that she was led

930
00:41:56,059 --> 00:42:01,639
to believe that homeopathy would cure

931
00:41:57,829 --> 00:42:03,799
her cancer and that she trusted the

932
00:42:01,639 --> 00:42:06,079
homeopath implicitly and she's got to a

933
00:42:03,800 --> 00:42:08,420
point where i mean the the upshot of

934
00:42:06,079 --> 00:42:10,389
this was she ended up in hospital having

935
00:42:08,420 --> 00:42:13,670
emergency surgery for a blocked bowel

936
00:42:10,389 --> 00:42:15,609
where if she hadn't had surgery

937
00:42:13,670 --> 00:42:18,559
immediately she would have ended up

938
00:42:15,610 --> 00:42:19,670
vomiting feces and dying an incredible I

939
00:42:18,559 --> 00:42:21,619
mean we've discussed this with father

940
00:42:19,670 --> 00:42:23,300
guy it's just so horrible that said

941

00:42:21,619 --> 00:42:25,250
before it was a horrible yeah I mean in

942
00:42:23,300 --> 00:42:28,310
particular colon cancer if its quarterly

943
00:42:25,250 --> 00:42:31,550
is very easily is curable do you know

944
00:42:28,309 --> 00:42:33,170
about 90% anyway so dad's been covering

945
00:42:31,550 --> 00:42:35,269
this and because the sisters now suing

946
00:42:33,170 --> 00:42:38,389
Francine it's back in the news it's back

947
00:42:35,269 --> 00:42:41,989
in being topical but I'm so Francine

948
00:42:38,389 --> 00:42:44,079
price to slap on him in fact friday was

949
00:42:41,989 --> 00:42:45,369
Good Friday Slurpees

950
00:42:44,079 --> 00:42:47,829
strategic lawsuit against public

951
00:42:45,369 --> 00:42:49,989
prosecution thank you she's she

952
00:42:47,829 --> 00:42:52,239
basically means just to shut critics top

953
00:42:49,989 --> 00:42:55,179
so that people can't see if you change

954
00:42:52,239 --> 00:42:57,159
this we're going to see you yeah yeah so

955
00:42:55,179 --> 00:43:00,449

it's basically to shut up it's like it's

956

00:42:57,159 --> 00:43:03,369

legal chill as Benny Goldacre calls it

957

00:43:00,449 --> 00:43:04,719

so anyway the issue with this was that

958

00:43:03,369 --> 00:43:06,309

down got notification of this on

959

00:43:04,719 --> 00:43:08,439

thursday at twelve o'clock and we had

960

00:43:06,309 --> 00:43:12,070

Easter so we had four days and he had

961

00:43:08,440 --> 00:43:14,500

until tuesday at midday to respond to

962

00:43:12,070 --> 00:43:16,059

this and in between that there were four

963

00:43:14,500 --> 00:43:19,269

days of public holidays so he couldn't

964

00:43:16,059 --> 00:43:21,460

have got legal advice now I know that he

965

00:43:19,269 --> 00:43:23,710

did get some advice but I'm not sure how

966

00:43:21,460 --> 00:43:24,820

he's proceeded with this but the one of

967

00:43:23,710 --> 00:43:28,030

the problems is that when you google

968

00:43:24,820 --> 00:43:30,220

Francine's grin he comes up as hit

969

00:43:28,030 --> 00:43:32,170

number two on Google in Australia and

970
00:43:30,219 --> 00:43:34,569
google number one is the Australian

971
00:43:32,170 --> 00:43:37,180
story transcript which neither of those

972
00:43:34,570 --> 00:43:39,519
are in fact most of page one of Google

973
00:43:37,179 --> 00:43:42,279
don't put her in very good like now she

974
00:43:39,519 --> 00:43:43,809
doesn't have her own website the only

975
00:43:42,280 --> 00:43:46,390
link where you'll find her directly is

976
00:43:43,809 --> 00:43:49,480
through natural therapy pages so you can

977
00:43:46,389 --> 00:43:52,389
still find her and in fact I know a

978
00:43:49,480 --> 00:43:53,980
journalist who wrote about her about 12

979
00:43:52,389 --> 00:43:55,989
months ago and found her through google

980
00:43:53,980 --> 00:43:59,170
and called her up on the number on

981
00:43:55,989 --> 00:44:00,609
google in the natural therapies pages at

982
00:43:59,170 --> 00:44:02,950
which point she bursts into tears and

983
00:44:00,610 --> 00:44:05,680
hung up the phone and he said but you're

984
00:44:02,949 --> 00:44:08,409
still on like you're listed under the

985
00:44:05,679 --> 00:44:10,179
natural therapy pages but she doesn't

986
00:44:08,409 --> 00:44:11,349
have a website so anything that people

987
00:44:10,179 --> 00:44:13,929
are going to say about her is going to

988
00:44:11,349 --> 00:44:15,039
come up in google and so it appears to

989
00:44:13,929 --> 00:44:17,440
me that she's trying to get rid of that

990
00:44:15,039 --> 00:44:19,599
stuff out of google but unfortunately

991
00:44:17,440 --> 00:44:21,909
for her it's only going to get worse

992
00:44:19,599 --> 00:44:23,739
because now that she's being sued by the

993
00:44:21,909 --> 00:44:25,029
sister of Penelope Dingle is going to be

994
00:44:23,739 --> 00:44:26,619
back in the news again there's going to

995
00:44:25,030 --> 00:44:28,630
be more and more coverage and it's just

996
00:44:26,619 --> 00:44:30,339
going to look bad for Francine screen so

997
00:44:28,630 --> 00:44:32,530
she can suck she can put flaps on

998

00:44:30,340 --> 00:44:33,640
whoever she likes but once it gets back

999
00:44:32,530 --> 00:44:36,550
into the mainstream press which

1000
00:44:33,639 --> 00:44:39,009
inevitably it will it's going to be page

1001
00:44:36,550 --> 00:44:40,330
tens of Google's before you know there's

1002
00:44:39,010 --> 00:44:43,060
nice stuff said about fourteen it's

1003
00:44:40,329 --> 00:44:45,750
great it's being someone who's been

1004
00:44:43,059 --> 00:44:48,849
looking at this

1005
00:44:45,750 --> 00:44:51,550
whole story whole saga of homeopathy for

1006
00:44:48,849 --> 00:44:53,319
many years now it occurs to me year

1007
00:44:51,550 --> 00:44:55,269
after year after year it is getting

1008
00:44:53,320 --> 00:44:56,800
harder and harder and harder for the

1009
00:44:55,269 --> 00:44:58,869
homeopath such as can only be a good

1010
00:44:56,800 --> 00:45:00,070
thing what I mean by that it's year

1011
00:44:58,869 --> 00:45:02,980
after year after year there are more

1012
00:45:00,070 --> 00:45:07,420

people willing to speak up go to the

1013

00:45:02,980 --> 00:45:09,159

media blog Twitter criticize and an all

1014

00:45:07,420 --> 00:45:10,960

power to it I think that's the best

1015

00:45:09,159 --> 00:45:12,699

thing that could happen and remind

1016

00:45:10,960 --> 00:45:14,530

people once again that homeopathy is a

1017

00:45:12,699 --> 00:45:17,739

complete and utter farce and channel

1018

00:45:14,530 --> 00:45:21,100

well we should also say that the NHMRC

1019

00:45:17,739 --> 00:45:25,839

which is our government I guess they're

1020

00:45:21,099 --> 00:45:30,429

the advisory board to sort of our

1021

00:45:25,840 --> 00:45:32,590

medical policies in Australia they have

1022

00:45:30,429 --> 00:45:34,389

already written a draft statement saying

1023

00:45:32,590 --> 00:45:36,190

that homeopathy is unethical and

1024

00:45:34,389 --> 00:45:37,989

shouldn't be prescribed by doctors in

1025

00:45:36,190 --> 00:45:39,909

Australia I mean they advise on all

1026

00:45:37,989 --> 00:45:42,909

sorts of things like obesity or diabetes

1027
00:45:39,909 --> 00:45:44,409
or they say you know if you're treating

1028
00:45:42,909 --> 00:45:45,879
patients with cardiovascular disease

1029
00:45:44,409 --> 00:45:46,989
here are the drugs that we think of the

1030
00:45:45,880 --> 00:45:48,610
best because we've looked at all the

1031
00:45:46,989 --> 00:45:51,459
evidence and based on what we've seen

1032
00:45:48,610 --> 00:45:53,110
this is what you should be doing they've

1033
00:45:51,460 --> 00:45:54,610
done the same thing with homeopathy and

1034
00:45:53,110 --> 00:45:57,280
based on the UK Science and Technology

1035
00:45:54,610 --> 00:45:59,740
Committee report from 2010 they wrote a

1036
00:45:57,280 --> 00:46:01,600
draft statement which they release late

1037
00:45:59,739 --> 00:46:02,829
last year saying that that's probably

1038
00:46:01,599 --> 00:46:04,569
what they're going to end up saying

1039
00:46:02,829 --> 00:46:08,019
officially as a government body in this

1040
00:46:04,570 --> 00:46:09,880
country is homeopathy is bunk don't

1041
00:46:08,019 --> 00:46:11,920
prescribe it and it's unethical to

1042
00:46:09,880 --> 00:46:13,300
prescribe it for reasons like that I

1043
00:46:11,920 --> 00:46:14,980
mean we've talked about Gloria Sam's

1044
00:46:13,300 --> 00:46:17,380
before the nine month old toddler who

1045
00:46:14,980 --> 00:46:20,019
died of septicaemia because of untreated

1046
00:46:17,380 --> 00:46:22,390
eczema I mean these are isolated cases

1047
00:46:20,019 --> 00:46:25,509
and yes people die from conventional

1048
00:46:22,389 --> 00:46:27,339
medicine too but that every size for the

1049
00:46:25,510 --> 00:46:29,130
anecdotes that we need because anecdotes

1050
00:46:27,340 --> 00:46:33,610
tend to work on the general public oh

1051
00:46:29,130 --> 00:46:36,490
but of course the big thing is you don't

1052
00:46:33,610 --> 00:46:37,809
die from homeopathy you die because it

1053
00:46:36,489 --> 00:46:39,309
doesn't do anything and you're not

1054
00:46:37,809 --> 00:46:40,779
getting proper treatment but this is the

1055

00:46:39,309 --> 00:46:42,789
thing because this is the argument I had

1056
00:46:40,780 --> 00:46:45,580
with someone he's I think the hashtag

1057
00:46:42,789 --> 00:46:47,800
the handle is homeopathic all someone on

1058
00:46:45,579 --> 00:46:50,139
Twitter I mean if I think Dana was it no

1059
00:46:47,800 --> 00:46:52,818
no it's something I got homeopathic all

1060
00:46:50,139 --> 00:46:55,379
not hope I think Dana yes yes

1061
00:46:52,818 --> 00:46:58,949
um he or she picked me up through the

1062
00:46:55,380 --> 00:47:00,780
wire hashtag the other day and said yeah

1063
00:46:58,949 --> 00:47:03,328
but it wasn't homeopathy that killed

1064
00:47:00,780 --> 00:47:05,130
that person it was the homeopath it's

1065
00:47:03,329 --> 00:47:08,609
just an isolated instance of a bad

1066
00:47:05,130 --> 00:47:11,910
homeopath I said no it wasn't that so

1067
00:47:08,608 --> 00:47:13,500
much it was that they were not that they

1068
00:47:11,909 --> 00:47:15,598
were not told that homeopathy doesn't

1069
00:47:13,500 --> 00:47:18,389

work yeah so I said are you saying to me

1070

00:47:15,599 --> 00:47:20,640

they're homeopaths out there that will

1071

00:47:18,389 --> 00:47:22,409

say to their clients this is placebo and

1072

00:47:20,639 --> 00:47:24,269

it doesn't work but have it anyway but

1073

00:47:22,409 --> 00:47:26,068

make sure you get conventional therapy

1074

00:47:24,269 --> 00:47:28,679

that works if you could give me an

1075

00:47:26,068 --> 00:47:30,119

example of that and I'm worried I mean

1076

00:47:28,679 --> 00:47:31,769

surely they're in the minority that's

1077

00:47:30,119 --> 00:47:33,750

actually one thing that surprises me the

1078

00:47:31,769 --> 00:47:37,619

most about the open air will be Dingle

1079

00:47:33,750 --> 00:47:40,409

case when Penelope Dingle died the

1080

00:47:37,619 --> 00:47:43,829

coroner's inquest and what happened to

1081

00:47:40,409 --> 00:47:48,179

Francine to Mrs. Grey an absolutely

1082

00:47:43,829 --> 00:47:50,730

nothing I think homeopathic regulatory

1083

00:47:48,179 --> 00:47:53,338

bodies they did nothing about it they

1084
00:47:50,730 --> 00:47:54,929
didn't even speak out against up so

1085
00:47:53,338 --> 00:47:57,539
she's basically got in the way it's a

1086
00:47:54,929 --> 00:47:58,858
really good at agreements scot-free yeah

1087
00:47:57,539 --> 00:48:00,449
it's a really good point because I think

1088
00:47:58,858 --> 00:48:04,289
I'd be noticed noticing on twitter

1089
00:48:00,449 --> 00:48:06,719
lately it must be Twitter people saying

1090
00:48:04,289 --> 00:48:07,920
come on are there any homeopaths out

1091
00:48:06,719 --> 00:48:10,919
there who are willing to speak up

1092
00:48:07,920 --> 00:48:12,480
against but they never charians I think

1093
00:48:10,920 --> 00:48:14,329
it's bad homeopaths order no they never

1094
00:48:12,480 --> 00:48:17,730
do and this is a thing in Australia and

1095
00:48:14,329 --> 00:48:20,190
we're moving now towards registering and

1096
00:48:17,730 --> 00:48:21,960
regulating Chinese medicine

1097
00:48:20,190 --> 00:48:24,358
practitioners and there's this whole

1098
00:48:21,960 --> 00:48:26,099
argument in this country now about the

1099
00:48:24,358 --> 00:48:27,449
regulation of alt med practitioners and

1100
00:48:26,099 --> 00:48:29,818
there's one side of the argument that's

1101
00:48:27,449 --> 00:48:31,318
saying oh but if you regulate them and

1102
00:48:29,818 --> 00:48:34,710
if you train them in universities I'll

1103
00:48:31,318 --> 00:48:37,199
be better off better oh yeah and to me

1104
00:48:34,710 --> 00:48:39,780
that's like okay if you trip if you

1105
00:48:37,199 --> 00:48:42,088
teach someone that water has a memory in

1106
00:48:39,780 --> 00:48:44,970
a private college somewhere or in a

1107
00:48:42,088 --> 00:48:46,349
university it's still gibberish yes it

1108
00:48:44,969 --> 00:48:48,088
doesn't matter where you teach it to

1109
00:48:46,349 --> 00:48:49,680
them what are you going to teach them at

1110
00:48:48,088 --> 00:48:52,230
a university that it's more expensive

1111
00:48:49,679 --> 00:48:54,118
gibberish than it isn't I don't know in

1112

00:48:52,230 --> 00:48:56,670
at a fits it doesn't matter it's

1113
00:48:54,119 --> 00:48:58,349
nonsense where were you teach it so this

1114
00:48:56,670 --> 00:49:00,930
whole idea that our people come out of

1115
00:48:58,349 --> 00:49:02,430
universities better alternative medicine

1116
00:49:00,929 --> 00:49:03,750
practitioners well know if what you're

1117
00:49:02,429 --> 00:49:04,809
teaching them is rubbish it's rubbish

1118
00:49:03,750 --> 00:49:06,400
wherever you teach it to the

1119
00:49:04,809 --> 00:49:08,529
yeah I always like to use the analogy

1120
00:49:06,400 --> 00:49:10,210
when talking about these things of the

1121
00:49:08,530 --> 00:49:11,620
flying carpet for some reason I think it

1122
00:49:10,210 --> 00:49:13,840
works well because people that visualize

1123
00:49:11,619 --> 00:49:15,609
it it's like saying if you learn how to

1124
00:49:13,840 --> 00:49:16,960
make a flying carpet in your home well

1125
00:49:15,610 --> 00:49:19,349
that's one thing but you learn how to

1126
00:49:16,960 --> 00:49:22,349

make it new University it's better I see

1127

00:49:19,349 --> 00:49:25,089

it's more better are more betterer yeah

1128

00:49:22,349 --> 00:49:27,789

yes skeptic mcd's coming up on

1129

00:49:25,090 --> 00:49:29,829

twenty-sixth of Maine it's just over a

1130

00:49:27,789 --> 00:49:31,539

month away so you've got to go there I

1131

00:49:29,829 --> 00:49:33,309

look as I went along their last year I

1132

00:49:31,539 --> 00:49:35,500

had a fantastic time there's rubies

1133

00:49:33,309 --> 00:49:36,909

really good atmosphere and that was just

1134

00:49:35,500 --> 00:49:38,860

a drinks afterwards apparently there

1135

00:49:36,909 --> 00:49:40,839

were some talks that were useful as well

1136

00:49:38,860 --> 00:49:42,430

and i'll be there covering the whole

1137

00:49:40,840 --> 00:49:45,340

thing cuz it's great now are you doing

1138

00:49:42,429 --> 00:49:46,960

at all ah maybe I haven't really put

1139

00:49:45,340 --> 00:49:49,750

much thought into it you turn out like

1140

00:49:46,960 --> 00:49:51,670

on the daisy cat is it's not all these

1141
00:49:49,750 --> 00:49:53,619
big names talking it's not all these

1142
00:49:51,670 --> 00:49:55,930
people who really experience it's just

1143
00:49:53,619 --> 00:49:57,489
general people like you're me and it

1144
00:49:55,929 --> 00:50:00,039
really worked well so the audience

1145
00:49:57,489 --> 00:50:01,509
everybody who comes to watch they can

1146
00:50:00,039 --> 00:50:03,340
all get up and give a talk if they want

1147
00:50:01,510 --> 00:50:05,230
it just can be five minutes can be 15

1148
00:50:03,340 --> 00:50:07,720
minutes and you don't know an topical

1149
00:50:05,230 --> 00:50:09,760
you don't camp overnight yeah and one of

1150
00:50:07,719 --> 00:50:11,259
the great great talks was the school got

1151
00:50:09,760 --> 00:50:12,580
up from Canberra and talk about why

1152
00:50:11,260 --> 00:50:14,260
there aren't more women involved in

1153
00:50:12,579 --> 00:50:15,699
skepticism and what some of the reasons

1154
00:50:14,260 --> 00:50:17,080
maybe it was just like a nice open

1155
00:50:15,699 --> 00:50:18,460
discussion and that was really good and

1156
00:50:17,079 --> 00:50:20,019
that was just as useful like you don't

1157
00:50:18,460 --> 00:50:22,240
have talks in large groups like that I

1158
00:50:20,019 --> 00:50:23,349
hope you can give a talk man um I look I

1159
00:50:22,239 --> 00:50:24,879
won't be giving a talk because will be

1160
00:50:23,349 --> 00:50:26,679
no use to anyone what am I going to talk

1161
00:50:24,880 --> 00:50:28,869
about really we'll figure something I

1162
00:50:26,679 --> 00:50:31,179
don't know if you want me not talk at

1163
00:50:28,869 --> 00:50:32,199
skeptic camp sydney woman he'd give me a

1164
00:50:31,179 --> 00:50:33,639
topic look at the only thing i'm

1165
00:50:32,199 --> 00:50:35,859
probably qualified to talk about his

1166
00:50:33,639 --> 00:50:38,650
Nazi UFOs because I'm very excited about

1167
00:50:35,860 --> 00:50:39,760
the opening of iron sky oh yes oh I

1168
00:50:38,650 --> 00:50:41,500
think we might have to go along and do

1169

00:50:39,760 --> 00:50:43,180
that but I don't want to cut into a bit

1170
00:50:41,500 --> 00:50:45,340
of skip you can't time so tell people

1171
00:50:43,179 --> 00:50:46,719
what the new e-book I've booked already

1172
00:50:45,340 --> 00:50:49,240
but how can outlets in this book who are

1173
00:50:46,719 --> 00:50:51,969
except all the details should be at www

1174
00:50:49,239 --> 00:50:58,389
get to campus trolley org and if you go

1175
00:50:51,969 --> 00:51:00,009
to our event price EV en CBR ite endure

1176
00:50:58,389 --> 00:51:01,239
such force kept camp there you should be

1177
00:51:00,010 --> 00:51:04,450
able to find where you can book tickets

1178
00:51:01,239 --> 00:51:07,000
a completely free it's a building to of

1179
00:51:04,449 --> 00:51:08,829
UTS ridens center of Sydney just near

1180
00:51:07,000 --> 00:51:10,449
central train station really easy to get

1181
00:51:08,829 --> 00:51:12,159
too easy to get sooo are the earliest

1182
00:51:10,449 --> 00:51:13,629
buildings in Sydney able to win an

1183
00:51:12,159 --> 00:51:15,819

architectural prize I'd like to point

1184

00:51:13,630 --> 00:51:16,690

out exactly so you can't miss it goes

1185

00:51:15,820 --> 00:51:19,240

from about nine

1186

00:51:16,690 --> 00:51:20,619

in the morning tools 5-6 p.m. at night

1187

00:51:19,239 --> 00:51:24,189

and then this drinks afterwards

1188

00:51:20,619 --> 00:51:26,740

afterwards and cupcake competition last

1189

00:51:24,190 --> 00:51:29,409

year there will be another cupcake

1190

00:51:26,739 --> 00:51:32,108

competition this year last year for that

1191

00:51:29,409 --> 00:51:33,969

remember i hate slowly eric up kb in two

1192

00:51:32,108 --> 00:51:37,150

days of being a vegan somebody paid me

1193

00:51:33,969 --> 00:51:38,919

to go so the other the other thing we

1194

00:51:37,150 --> 00:51:40,720

should add is that the organizers are

1195

00:51:38,920 --> 00:51:42,730

currently looking for sponsors for lunch

1196

00:51:40,719 --> 00:51:45,279

and for drinks afterwards and possibly

1197

00:51:42,730 --> 00:51:47,530

some prizes for the best talks so if

1198
00:51:45,280 --> 00:51:49,599
anyone would like to get involved you'll

1199
00:51:47,530 --> 00:51:51,880
get your name up in lights and you get

1200
00:51:49,599 --> 00:51:54,700
to be a part of the greater good and

1201
00:51:51,880 --> 00:51:56,079
your stuff and feel warm and fuzzy and

1202
00:51:54,699 --> 00:51:58,029
so you can get in touch with the

1203
00:51:56,079 --> 00:52:00,359
organizers through the address its shape

1204
00:51:58,030 --> 00:52:04,050
is just and you can find those links at

1205
00:52:00,358 --> 00:52:06,519
wvc a petting zoo TV in the show notes

1206
00:52:04,050 --> 00:52:08,589
now gb you've got some information that

1207
00:52:06,519 --> 00:52:09,849
sort of hot off the press yes something

1208
00:52:08,588 --> 00:52:11,889
has just come through to me about an

1209
00:52:09,849 --> 00:52:16,359
hour ago our best friend in the entire

1210
00:52:11,889 --> 00:52:18,750
world miss Merrill dory yay she is doing

1211
00:52:16,358 --> 00:52:21,460
a seminar panruti door in queensland

1212
00:52:18,750 --> 00:52:25,088
it's on the 18th of april with from

1213
00:52:21,460 --> 00:52:27,849
about 630pm twenty dollars per person

1214
00:52:25,088 --> 00:52:29,799
unfortunately so if there's any skeptics

1215
00:52:27,849 --> 00:52:31,838
up there who would like to go along see

1216
00:52:29,800 --> 00:52:33,930
what kind of things she says see if

1217
00:52:31,838 --> 00:52:36,779
she's in any way violating any of the

1218
00:52:33,929 --> 00:52:39,489
rules and orders against her by anybody

1219
00:52:36,780 --> 00:52:41,700
see if she's making any claim trying to

1220
00:52:39,489 --> 00:52:45,429
collect money for a organization etc

1221
00:52:41,699 --> 00:52:46,868
please do so and report back to us yeah

1222
00:52:45,429 --> 00:52:49,029
i just i'm glad you brought that up she

1223
00:52:46,869 --> 00:52:52,539
because i'm a friend of mine asked me to

1224
00:52:49,030 --> 00:52:53,890
mention these particularly because some

1225
00:52:52,539 --> 00:52:55,838
people have written to the Maroochydore

1226

00:52:53,889 --> 00:52:58,809
RSL which is where this is going to take

1227
00:52:55,838 --> 00:53:02,980
place and the RSL is have been involved

1228
00:52:58,809 --> 00:53:06,578
in polio campaigns where they've raised

1229
00:53:02,980 --> 00:53:08,050
money for polio eradicated polio so it

1230
00:53:06,579 --> 00:53:09,849
seems a little bit irresponsible on the

1231
00:53:08,050 --> 00:53:11,920
behalf of an RSL to have someone like

1232
00:53:09,849 --> 00:53:14,170
Meryl in there who's against vaccination

1233
00:53:11,920 --> 00:53:16,690
including polio vaccination yeah and

1234
00:53:14,170 --> 00:53:17,950
some people did write to the RSL and

1235
00:53:16,690 --> 00:53:19,838
alert them to this and say you know

1236
00:53:17,949 --> 00:53:23,169
seems a little bit wrong for you to do

1237
00:53:19,838 --> 00:53:24,219
this and it seems that apparently the

1238
00:53:23,170 --> 00:53:26,409
aerosol has sent some of that

1239
00:53:24,219 --> 00:53:27,949
correspondence to Meryl and she's then

1240
00:53:26,409 --> 00:53:30,949

published that saying that

1241

00:53:27,949 --> 00:53:33,769

she's with the RSL received abusive

1242

00:53:30,949 --> 00:53:36,169

emails from skeptics now as far as I'm

1243

00:53:33,769 --> 00:53:38,659

aware that's not the case they did

1244

00:53:36,170 --> 00:53:40,280

receive letters saying that they didn't

1245

00:53:38,659 --> 00:53:42,469

think it was a very good decision by the

1246

00:53:40,280 --> 00:53:46,130

RSL but that's quite different to abuse

1247

00:53:42,469 --> 00:53:47,719

yeah so it seems that apparently the RSL

1248

00:53:46,130 --> 00:53:49,130

is aware of what Mara was going to talk

1249

00:53:47,719 --> 00:53:51,519

about but they're still supporting this

1250

00:53:49,130 --> 00:53:54,170

which seems a little bit odd odd

1251

00:53:51,519 --> 00:53:56,420

particularly since there are RSL's that

1252

00:53:54,170 --> 00:53:58,970

you raise money for vaccination programs

1253

00:53:56,420 --> 00:54:00,829

i'm not particularly well informed about

1254

00:53:58,969 --> 00:54:03,500

what the merch to RSL specifically does

1255
00:54:00,829 --> 00:54:05,660
but it just doesn't seem right to me now

1256
00:54:03,500 --> 00:54:07,190
reach you something else I just didn't

1257
00:54:05,659 --> 00:54:10,399
bring back some money for drinks from

1258
00:54:07,190 --> 00:54:13,789
from a QED of course I brought you a CD

1259
00:54:10,400 --> 00:54:16,579
can you hear this it's a shiny shiny CD

1260
00:54:13,789 --> 00:54:18,108
just you can't hear it I can't play it

1261
00:54:16,579 --> 00:54:20,960
because I don't have a CD player with me

1262
00:54:18,108 --> 00:54:23,210
but we come at it it's Ned effort the

1263
00:54:20,960 --> 00:54:25,608
album is called tree house and it was

1264
00:54:23,210 --> 00:54:28,760
given to you by the lovely medtech at

1265
00:54:25,608 --> 00:54:31,250
medtech who did come to tam 2010 in

1266
00:54:28,760 --> 00:54:32,810
Sydney and she's lovely and she gave it

1267
00:54:31,250 --> 00:54:35,750
to you to bring all the way back from

1268
00:54:32,809 --> 00:54:37,159
Manchester for me and I'm so grateful

1269
00:54:35,750 --> 00:54:38,539
thank you so much medtech i'll be

1270
00:54:37,159 --> 00:54:41,179
playing this tonight when i have a few

1271
00:54:38,539 --> 00:54:44,239
drinks excellent good stuff yes i'm

1272
00:54:41,179 --> 00:54:45,769
happy to do to be the the international

1273
00:54:44,239 --> 00:54:47,929
postage service now speaking of

1274
00:54:45,769 --> 00:54:50,059
international postage may not but I took

1275
00:54:47,929 --> 00:54:52,879
you I've been stamped more than once let

1276
00:54:50,059 --> 00:54:54,769
me do it now I look now a lot of fluff

1277
00:54:52,880 --> 00:54:56,240
going on with the movie Iron Sky that's

1278
00:54:54,769 --> 00:54:58,909
coming out which is actually a finish

1279
00:54:56,239 --> 00:55:00,529
Australian German co-production about

1280
00:54:58,909 --> 00:55:01,699
the Nazis they left at the end of the

1281
00:55:00,530 --> 00:55:03,380
circle more born they went to the dark

1282
00:55:01,699 --> 00:55:05,210
side of the moon and they're back and

1283

00:55:03,380 --> 00:55:06,289
basically that's the whole thing and we

1284
00:55:05,210 --> 00:55:09,559
were talking about this in dirty

1285
00:55:06,289 --> 00:55:11,509
disbelievers episode 5 in January with

1286
00:55:09,559 --> 00:55:13,009
Jim Ferguson who also had a great show

1287
00:55:11,510 --> 00:55:14,839
at the Melbourne Comedy Festival and his

1288
00:55:13,010 --> 00:55:17,420
cheering keep an eye out of Tim's not

1289
00:55:14,838 --> 00:55:20,029
see show winter that's right i believe

1290
00:55:17,420 --> 00:55:23,180
the the episode was called Nazi UFOs so

1291
00:55:20,030 --> 00:55:25,310
hot right now yes was an amv episode and

1292
00:55:23,179 --> 00:55:26,358
look that's well worth it will also have

1293
00:55:25,309 --> 00:55:28,849
a look at look they've got the first

1294
00:55:26,358 --> 00:55:31,818
four minutes of the film up on YouTube

1295
00:55:28,849 --> 00:55:33,500
and in minute to there is a serious

1296
00:55:31,818 --> 00:55:35,269
physics mistake which I can reveal to

1297
00:55:33,500 --> 00:55:37,130

you now oh well mind you it's one that's

1298

00:55:35,269 --> 00:55:38,579

also shown by Star Wars so they haven't

1299

00:55:37,130 --> 00:55:41,490

made the same since night

1300

00:55:38,579 --> 00:55:43,409

yep the guy gets shot and you can hear

1301

00:55:41,489 --> 00:55:44,939

the noise of the gun going off oh well

1302

00:55:43,409 --> 00:55:46,469

which you know unless you're sharing the

1303

00:55:44,940 --> 00:55:47,760

same space suit or yeah I think that

1304

00:55:46,469 --> 00:55:49,109

would be difficult for that so that

1305

00:55:47,760 --> 00:55:51,930

that's a bit of a bummer but so but

1306

00:55:49,110 --> 00:55:54,120

apart from that the film is 110 percent

1307

00:55:51,929 --> 00:55:55,619

accurate I just about to say you're

1308

00:55:54,119 --> 00:55:57,769

worried about a noise and space and

1309

00:55:55,619 --> 00:55:59,670

they're supposed to be Nazis on the fuss

1310

00:55:57,769 --> 00:56:02,190

look you would I live in very different

1311

00:55:59,670 --> 00:56:03,809

universe I know me know I believe you're

1312
00:56:02,190 --> 00:56:05,670
going to see Titanic in 3d tomorrow

1313
00:56:03,809 --> 00:56:07,889
aren't you because purely because you

1314
00:56:05,670 --> 00:56:10,889
want to see the correct stars in the

1315
00:56:07,889 --> 00:56:12,839
segment where the boat sinks because all

1316
00:56:10,889 --> 00:56:14,489
throughout the movie actually hold me

1317
00:56:12,840 --> 00:56:16,680
throughout the entire movie Neil

1318
00:56:14,489 --> 00:56:18,989
deGrasse Tyson yeah force them neil

1319
00:56:16,679 --> 00:56:21,119
degrasse tyson great James Cameron and

1320
00:56:18,989 --> 00:56:23,429
said you messed up see this is a way

1321
00:56:21,119 --> 00:56:26,789
that this can I should have been in 1914

1322
00:56:23,429 --> 00:56:29,279
or whenever it was 93 1219 1,200 years

1323
00:56:26,789 --> 00:56:31,170
ago yeah 1912 you messed it up is wrong

1324
00:56:29,280 --> 00:56:32,940
it was a great film except for that and

1325
00:56:31,170 --> 00:56:34,710
James Cameron is such a perfectionist he

1326
00:56:32,940 --> 00:56:36,750
went over it then and Yuri shot those

1327
00:56:34,710 --> 00:56:38,429
things so I know that's why you're going

1328
00:56:36,750 --> 00:56:44,519
to see I'm just going to see you later

1329
00:56:38,429 --> 00:56:46,440
Caprio drown again in fact I have never

1330
00:56:44,519 --> 00:56:49,079
seen a movie and it is too long for me

1331
00:56:46,440 --> 00:56:51,090
and I know the boat sinks I'd rather see

1332
00:56:49,079 --> 00:56:53,190
a good documentary items it sinks again

1333
00:56:51,090 --> 00:56:56,490
it's something they get it right this

1334
00:56:53,190 --> 00:56:58,320
time also all camber alyssa's can get

1335
00:56:56,489 --> 00:57:00,359
their eye out for star wars burlesque if

1336
00:56:58,320 --> 00:57:02,190
you want to see bit of wookie action I

1337
00:57:00,360 --> 00:57:03,240
would check out that show up I've seen

1338
00:57:02,190 --> 00:57:06,420
it and it's pretty everything if your

1339
00:57:03,239 --> 00:57:08,759
star wars fan it's a lot of fun and also

1340

00:57:06,420 --> 00:57:10,769
our making dr. Karl you know dr. Kalfas

1341
00:57:08,760 --> 00:57:12,390
mosquito he's been answering a lot of

1342
00:57:10,769 --> 00:57:14,519
questions on twitter lately twittering

1343
00:57:12,389 --> 00:57:15,929
likenesses suddenly he's um he started

1344
00:57:14,519 --> 00:57:17,460
to answer I mean he's very busy out

1345
00:57:15,929 --> 00:57:19,049
that's why I normally can't do it but if

1346
00:57:17,460 --> 00:57:20,639
you send a question to dr. karl is a

1347
00:57:19,050 --> 00:57:22,830
good chance he might twit you a very

1348
00:57:20,639 --> 00:57:23,969
intelligent and succinctly reply that's

1349
00:57:22,829 --> 00:57:27,929
just a few things I've got to mention

1350
00:57:23,969 --> 00:57:29,099
and go dirty disbelievers may not what

1351
00:57:27,929 --> 00:57:30,809
can I say you're just full of it

1352
00:57:29,099 --> 00:57:32,489
information I mean look I'm full of

1353
00:57:30,809 --> 00:57:34,710
information that will be useful and look

1354
00:57:32,489 --> 00:57:36,750

and as we have brought you here on the

1355

00:57:34,710 --> 00:57:39,720

show not only is it a homeopathy week it

1356

00:57:36,750 --> 00:57:42,719

is grilled cheese month folks what can I

1357

00:57:39,719 --> 00:57:44,730

say this is why we're getting Maynard to

1358

00:57:42,719 --> 00:57:46,799

come with us to the amazing meeting in

1359

00:57:44,730 --> 00:57:50,969

Las Vegas and if i look at maynards

1360

00:57:46,800 --> 00:57:51,849

thermometer we've got let me see five

1361

00:57:50,969 --> 00:57:54,368

hundred and

1362

00:57:51,849 --> 00:57:56,410

fifty dollars to go and your whole

1363

00:57:54,369 --> 00:57:59,950

airfare is completely covered so folks

1364

00:57:56,409 --> 00:58:01,899

get into ebay or go to the skeptic zone

1365

00:57:59,949 --> 00:58:03,818

up TV and look for the link and bid on

1366

00:58:01,900 --> 00:58:04,930

Maynard's package and don't forget if

1367

00:58:03,818 --> 00:58:07,329

you've got a question you want me to ask

1368

00:58:04,929 --> 00:58:09,248

off someone specifically at tam i'll

1369
00:58:07,329 --> 00:58:11,048
give it a go no promises but get it in

1370
00:58:09,248 --> 00:58:13,328
and i'll like the first first best

1371
00:58:11,048 --> 00:58:15,699
interests served all sorts of things for

1372
00:58:13,329 --> 00:58:19,059
the first in them will have a Caesar

1373
00:58:15,699 --> 00:58:21,629
dressing pour on them near that'll do me

1374
00:58:19,059 --> 00:58:24,069
and those people who are attending Tam

1375
00:58:21,630 --> 00:58:25,900
please come up and find us will be

1376
00:58:24,068 --> 00:58:27,818
buzzing around probably around Brian

1377
00:58:25,900 --> 00:58:30,039
Dunning come up and say hello to dr.

1378
00:58:27,818 --> 00:58:32,108
Ricci myself Iran sigep copies any

1379
00:58:30,039 --> 00:58:34,720
behind Brian downing at all times might

1380
00:58:32,108 --> 00:58:37,748
be coming to she's like showing Ben amoo

1381
00:58:34,719 --> 00:58:40,088
as you can do the bum talk but it was

1382
00:58:37,748 --> 00:58:41,709
gonna be told thank you that's good too

1383
00:58:40,088 --> 00:58:43,509
let's get this in the tub she might do

1384
00:58:41,710 --> 00:58:45,278
it for you may know yeah I'll heard

1385
00:58:43,509 --> 00:58:46,329
about this skeptics thing that in the

1386
00:58:45,278 --> 00:58:48,400
tub that goes on that's a bit

1387
00:58:46,329 --> 00:58:51,460
frightening you just ask Mike just asked

1388
00:58:48,400 --> 00:58:53,229
Ryan Dunning oh well that's all coming

1389
00:58:51,460 --> 00:58:55,059
up in the future but as I look at the

1390
00:58:53,228 --> 00:58:56,768
recorder now I think the battery levels

1391
00:58:55,059 --> 00:58:59,079
on the last bar Maynard which means we

1392
00:58:56,768 --> 00:59:00,399
should go to the bar and wrap up the

1393
00:58:59,079 --> 00:59:02,318
think tank and i hope everyone at the

1394
00:59:00,400 --> 00:59:04,509
atheists on over the weekend has a great

1395
00:59:02,318 --> 00:59:06,880
time in melbourne have an ungodly time

1396
00:59:04,509 --> 00:59:08,619
an ungodly do they probably are well

1397

00:59:06,880 --> 00:59:10,930
thank you may not for making an

1398
00:59:08,619 --> 00:59:12,910
appearance that's okay in just drop us a

1399
00:59:10,929 --> 00:59:16,778
line may not come do you anytime people

1400
00:59:12,909 --> 00:59:19,838
any heard it may not thank you a random

1401
00:59:16,778 --> 00:59:24,278
shadow that's right photos thank you

1402
00:59:19,838 --> 00:59:28,298
evil a chance monster thank you and that

1403
00:59:24,278 --> 00:59:29,949
delightful because dr. Richie thank you

1404
00:59:28,298 --> 00:59:32,228
dr. Richie we look forward to a doctor

1405
00:59:29,949 --> 00:59:34,748
rachy report soon I hope I'm sorry being

1406
00:59:32,228 --> 00:59:36,489
very busy at work you have but the fans

1407
00:59:34,748 --> 00:59:38,078
are clamoring for more dr. rachel is

1408
00:59:36,489 --> 00:59:40,420
being grilled cheese month after all the

1409
00:59:38,079 --> 00:59:42,849
woman I do so much chuckling and within

1410
00:59:40,420 --> 00:59:44,289
one more shout out and thank you to Andy

1411
00:59:42,849 --> 00:59:45,999

Bell of Nottingham skeptics things

1412

00:59:44,289 --> 00:59:49,139
lovely drinks she is from

1413

00:59:45,998 --> 00:59:49,138
top load

1414

01:00:01,900 --> 01:00:08,028
this is brian dunning from sceptile calm

1415

01:00:05,298 --> 01:00:09,858
skep tide is a short weekly podcast

1416

01:00:08,028 --> 01:00:12,260
taking a critical look at the

1417

01:00:09,858 --> 01:00:14,598
pseudo-sciences that infect popular

1418

01:00:12,260 --> 01:00:17,359
culture whenever I'm not locked in the

1419

01:00:14,599 --> 01:00:20,200
recording studio I'm listening to the

1420

01:00:17,358 --> 01:00:20,199
skeptic zone

1421

01:00:28,039 --> 01:00:34,170
thank you for listening to the skeptic

1422

01:00:30,929 --> 01:00:37,019
zone and again thank you for those

1423

01:00:34,170 --> 01:00:40,289
people bidding and helping to get

1424

01:00:37,019 --> 01:00:42,809
Maynard to Tam Las Vegas so close we

1425

01:00:40,289 --> 01:00:44,099
could almost taste it and tasting it is

1426
01:00:42,809 --> 01:00:46,549
exactly what we'll do when we're there

1427
01:00:44,099 --> 01:00:50,789
are restaurants all those Krabby legs

1428
01:00:46,550 --> 01:00:53,580
can't wait for Tam in Las Vegas coming

1429
01:00:50,789 --> 01:00:55,650
up on next week's show a very special

1430
01:00:53,579 --> 01:00:59,130
show indeed whether Iran sir give

1431
01:00:55,650 --> 01:01:01,650
interviews the founders of the the new

1432
01:00:59,130 --> 01:01:04,349
movement friends of science in medicine

1433
01:01:01,650 --> 01:01:06,329
that will be a bumper show that's

1434
01:01:04,349 --> 01:01:08,429
something to really look forward to all

1435
01:01:06,329 --> 01:01:11,400
the founders all together in the same

1436
01:01:08,429 --> 01:01:14,460
room with Iran so give friends of

1437
01:01:11,400 --> 01:01:17,789
science in medicine coming up next week

1438
01:01:14,460 --> 01:01:19,170
a show not to be missed but for me for

1439
01:01:17,789 --> 01:01:21,750
this week I'm off to have some more

1440
01:01:19,170 --> 01:01:23,909
homeopathic water this is Richard

1441
01:01:21,750 --> 01:01:30,030
Saunders signing off from Sydney

1442
01:01:23,909 --> 01:01:34,710
Australia you've been listening to the

1443
01:01:30,030 --> 01:01:38,550
skeptic zone visit our website at www

1444
01:01:34,710 --> 01:01:42,260
skeptics on TV the comments contacts and

1445
01:01:38,550 --> 01:01:42,260
extra video reports