

The Skeptic Zone

Show 182 - 14 Apr 2012



Dr Paul Willis

1
00:00:22,540 --> 00:00:09,080
welcome to the skeptic zone the podcast

2
00:00:30,290 --> 00:00:25,900
yes it's the skeptic Zone episode number

3
00:00:33,860 --> 00:00:30,300
182 for the 14th of April 2012 Richard

4
00:00:36,619 --> 00:00:33,870
Saunders with you once again on this

5
00:00:39,920 --> 00:00:36,629
week's show our reporter Iran sir give

6
00:00:41,240 --> 00:00:39,930
traveled down to a belaid where he met

7
00:00:44,390 --> 00:00:41,250
up with a good friend of the skeptics

8
00:00:46,939 --> 00:00:44,400
own doctor Paul Willis who is now the

9
00:00:50,899 --> 00:00:46,949
director of the Royal Institution of

10
00:00:53,750 --> 00:00:50,909
Australia known as our I oz Paul takes

11
00:00:57,079 --> 00:00:53,760
Iran on a tour of the institution

12
00:01:00,020 --> 00:00:57,089
historical science art works what more

13
00:01:02,210 --> 00:01:00,030

could you want join Paul and Iran for

14

00:01:05,570 --> 00:01:02,220

the tour at the top of the show after

15

00:01:08,300 --> 00:01:05,580

that we have a brief message from dr.

16

00:01:11,660 --> 00:01:08,310

Richard Wiseman about a new app he's

17

00:01:14,899 --> 00:01:11,670

helped develop called dream on yeah

18

00:01:18,080 --> 00:01:14,909

hopefully you can sort of influence your

19

00:01:21,080 --> 00:01:18,090

dreams sounds very interesting join the

20

00:01:23,450 --> 00:01:21,090

worldwide experiment details coming up

21

00:01:25,610 --> 00:01:23,460

and following that it's a fun little

22

00:01:28,480 --> 00:01:25,620

interlude we have a new song by Eddie

23

00:01:31,070 --> 00:01:28,490

Scott known as the skeptic in the room

24

00:01:34,130 --> 00:01:31,080

he's written a song all about power

25

00:01:36,800 --> 00:01:34,140

bands mighty mystic power bracelets

26

00:01:38,750 --> 00:01:36,810

that's called a fun song coming up in

27

00:01:40,970 --> 00:01:38,760

the middle of the show man to wrap up

28

00:01:45,020 --> 00:01:40,980

the show it's the return of the think

29

00:01:47,480 --> 00:01:45,030

tank join dr. Richie Maynard bastard

30

00:01:49,840 --> 00:01:47,490

sheep and myself for a couple of drinks

31

00:01:52,430 --> 00:01:49,850

as we chat about issues of the day

32

00:01:55,490 --> 00:01:52,440

including skeptic camp in Sydney and

33

00:01:58,010 --> 00:01:55,500

world homeopathy awareness week yes

34

00:02:00,680 --> 00:01:58,020

folks it's up to all of us to make the

35

00:02:04,700 --> 00:02:00,690

world aware of exactly what homeopathy

36

00:02:07,760 --> 00:02:04,710

is you know I was thinking is there such

37

00:02:11,930 --> 00:02:07,770

a thing as homeopathy does it actually

38

00:02:13,490 --> 00:02:11,940

exists or is it just a process and at

39

00:02:16,880 --> 00:02:13,500

the end there is that there is no

40

00:02:19,430 --> 00:02:16,890

discernible product that's interesting I

41

00:02:21,710 --> 00:02:19,440

want you might think of that I'll think

42

00:02:24,290 --> 00:02:21,720

of that I'll have a big thing about RIT

43

00:02:27,020 --> 00:02:24,300

I'll run downstairs I'll have a big

44

00:02:29,039 --> 00:02:27,030

glass of homeopathic water

45

00:02:31,140 --> 00:02:29,049

that I figure out how to make

46

00:02:51,680 --> 00:02:31,150

homeopathic order well I'm doing that

47

00:03:03,360 --> 00:02:54,470

let's all take this with a grain of salt

48

00:03:05,009 --> 00:03:03,370

seas around second so I'm here at the

49

00:03:07,350 --> 00:03:05,019

Royal Institution of Australia in

50

00:03:09,750 --> 00:03:07,360

Adelaide with its director very good

51
00:03:12,839 --> 00:03:09,760
friend of the skeptics MC of town

52
00:03:14,850 --> 00:03:12,849
Australia in 2010 dr. pol will is hypo

53
00:03:17,339 --> 00:03:14,860
how are you doing it's good to see you

54
00:03:18,509 --> 00:03:17,349
welcome to Adelaide ok so I believe

55
00:03:21,509 --> 00:03:18,519
we're going to have a bit of a tour of

56
00:03:23,759 --> 00:03:21,519
further illustrated my pleasure and look

57
00:03:26,250 --> 00:03:23,769
this is the great place to start i call

58
00:03:28,380 --> 00:03:26,260
this the throbbing heart of the rirs

59
00:03:31,170 --> 00:03:28,390
what this is is a hundred and eighty

60
00:03:32,640 --> 00:03:31,180
seat auditorium it has a bar which is

61
00:03:35,520 --> 00:03:32,650
very important although one day is

62
00:03:38,430 --> 00:03:35,530
probably going to be my undoing and we

63
00:03:40,289 --> 00:03:38,440

have a stage what's most important about

64

00:03:41,339 --> 00:03:40,299

this auditoriums we've also got about

65

00:03:44,309 --> 00:03:41,349

three million dollars worth of

66

00:03:48,000 --> 00:03:44,319

audio-visual gear in here so we can

67

00:03:49,860 --> 00:03:48,010

actually record and broadcast live to

68

00:03:53,069 --> 00:03:49,870

the Internet anything that goes on here

69

00:03:56,699 --> 00:03:53,079

and that's really at the heart of what

70

00:03:59,039 --> 00:03:56,709

we're looking to do our iOS is of our

71

00:04:00,809 --> 00:03:59,049

engaging Australians with science how do

72

00:04:02,550 --> 00:04:00,819

we not just tell them about science but

73

00:04:04,650 --> 00:04:02,560

get them thinking about science get them

74

00:04:07,589 --> 00:04:04,660

acting in scientific ways understanding

75

00:04:10,140 --> 00:04:07,599

the science behind the everyday the

76

00:04:12,800 --> 00:04:10,150

slogan in believe is bringing people to

77

00:04:15,569 --> 00:04:12,810

science and science to the people and

78

00:04:18,479 --> 00:04:15,579

the way that we can do that effectively

79

00:04:21,930 --> 00:04:18,489

as a national organization with

80

00:04:23,879 --> 00:04:21,940

international outreach is part of it is

81

00:04:26,400 --> 00:04:23,889

we can put on live events here last

82

00:04:28,379 --> 00:04:26,410

night we had sex here we had an event

83

00:04:30,690 --> 00:04:28,389

that followed on from an episode of

84

00:04:32,820 --> 00:04:30,700

catalyst get that smirk off your face

85

00:04:34,650 --> 00:04:32,830

there on I was at it again to ask who

86

00:04:36,330 --> 00:04:34,660

the we well it was me and Marianne

87

00:04:39,120 --> 00:04:36,340

Damacy actually oh it was quite

88

00:04:41,520 --> 00:04:39,130

delightful but it was a panel discussion

89

00:04:45,360 --> 00:04:41,530

here that arose out of the catalyst

90

00:04:49,170 --> 00:04:45,370

special on some sex problems it was

91

00:04:52,050 --> 00:04:49,180

streamed live and we it was a terrific

92

00:04:54,230 --> 00:04:52,060

discussion but people were able to

93

00:04:56,510 --> 00:04:54,240

follow it on their iPhone and

94

00:04:59,540 --> 00:04:56,520

Australia or your iPad or your Android

95

00:05:00,980 --> 00:04:59,550

or you gets habit whatever and that to

96

00:05:04,279 --> 00:05:00,990

me is the way that we're going to

97

00:05:06,290 --> 00:05:04,289

leverage across the country events so

98

00:05:08,360 --> 00:05:06,300

that we can reach anywhere in the

99

00:05:10,760 --> 00:05:08,370

country all people have got to have is a

100

00:05:13,279 --> 00:05:10,770

telephone and they cannot just follow

101

00:05:14,960 --> 00:05:13,289

the conversation they can join in they

102

00:05:19,129 --> 00:05:14,970

can send their questions in via Twitter

103

00:05:21,830 --> 00:05:19,139

and it all happens in real time so this

104

00:05:24,170 --> 00:05:21,840

is the future okay so shall we go for a

105

00:05:26,420 --> 00:05:24,180

bit of a walkabout I just started with a

106

00:05:28,550 --> 00:05:26,430

brief that the building that we're in

107

00:05:32,149 --> 00:05:28,560

here is the old Stock Exchange building

108

00:05:35,450 --> 00:05:32,159

it was built in 1901 and specifically

109

00:05:42,320 --> 00:05:35,460

for science no no they didn't realize it

110

00:05:44,510 --> 00:05:42,330

at the time it became vacant in 1991

111

00:05:48,640 --> 00:05:44,520

when the stock exchanges went digital

112

00:05:52,129 --> 00:05:48,650

and all moved to the east coast and we

113

00:05:54,890 --> 00:05:52,139

inherited it in the mid 2000s when it

114

00:05:56,659 --> 00:05:54,900

was decided that the Royal Institution

115

00:05:58,760 --> 00:05:56,669

of Australia needed a home and this

116

00:06:01,310 --> 00:05:58,770

would be a good place and it was

117

00:06:04,279 --> 00:06:01,320

completely redeveloped in our own image

118

00:06:06,409 --> 00:06:04,289

but part of the history of that is its

119

00:06:08,240 --> 00:06:06,419

you'll notice as we go through its kind

120

00:06:11,120 --> 00:06:08,250

of schizophrenic this half of the

121

00:06:13,370 --> 00:06:11,130

building is all new and modern and and

122

00:06:15,439 --> 00:06:13,380

has all the technology in it the other

123

00:06:19,070 --> 00:06:15,449

half of the building is all heritage

124

00:06:20,749 --> 00:06:19,080

it's as it was in 1901 and the reason

125

00:06:23,120 --> 00:06:20,759

for that is this half the building burnt

126
00:06:25,999 --> 00:06:23,130
out twice once in the 1930s and once in

127
00:06:28,640 --> 00:06:26,009
the 1980s and so when it came time to

128
00:06:30,140 --> 00:06:28,650
redevelop the other half of the building

129
00:06:31,969 --> 00:06:30,150
had a load of heritage lay what was on

130
00:06:34,730 --> 00:06:31,979
over it as to what we could and couldn't

131
00:06:36,439 --> 00:06:34,740
do here we had free reign so we've got

132
00:06:38,510 --> 00:06:36,449
the best of both worlds we've got some

133
00:06:47,300 --> 00:06:38,520
fantastic spaces and I'm looking forward

134
00:06:48,930 --> 00:06:47,310
to showing solemn let's go let's let's

135
00:06:51,750 --> 00:06:48,940
start at the top

136
00:06:55,260 --> 00:06:51,760
that way we can use gravity to get to

137
00:07:00,180 --> 00:06:55,270
the bottom and this is the trading floor

138
00:07:01,800 --> 00:07:00,190

over this was trying floor well this is

139

00:07:03,960 --> 00:07:01,810

obviously the reason I mentioned trading

140

00:07:06,000 --> 00:07:03,970

floor is because because trading floor

141

00:07:07,980 --> 00:07:06,010

is a sign you know what you guess I

142

00:07:10,260 --> 00:07:07,990

wasn't guessing a bit of a good boy it

143

00:07:13,500 --> 00:07:10,270

was the trading floor and this is now

144

00:07:15,540 --> 00:07:13,510

the office space for our iOS you can see

145

00:07:18,450 --> 00:07:15,550

that we did retain two of the original

146

00:07:21,900 --> 00:07:18,460

chalkboards from the last day of trading

147

00:07:24,320 --> 00:07:21,910

and if you can find bhp at ten dollar

148

00:07:27,150 --> 00:07:24,330

seven years share i recommend you get it

149

00:07:29,580 --> 00:07:27,160

there's a lot of history associated with

150

00:07:32,370 --> 00:07:29,590

this room including the fact that all

151

00:07:36,230 --> 00:07:32,380

shares and trading for the Poseidon

152

00:07:39,810 --> 00:07:36,240

Adventure occurred in this very room so

153

00:07:41,370 --> 00:07:39,820

it's and Julia's pleasure to be sitting

154

00:07:45,240 --> 00:07:41,380

working at my desk with that kind of

155

00:07:47,820 --> 00:07:45,250

heritage hanging around my neck but as

156

00:07:51,150 --> 00:07:47,830

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

157

00:07:53,700 --> 00:07:51,160

and quite an airy space so that this is

158

00:07:56,540 --> 00:07:53,710

this is the the office base here this is

159

00:07:59,220 --> 00:07:56,550

the office space for the for our IRS and

160

00:08:01,350 --> 00:07:59,230

upstairs there's another office space

161

00:08:04,380 --> 00:08:01,360

those mezzanine live a mezzanine level

162

00:08:08,330 --> 00:08:04,390

that was originally the viewing floor

163

00:08:12,150 --> 00:08:08,340

for the public of the trading floor and

164

00:08:15,510 --> 00:08:12,160

now it's the offices of the odds smc the

165

00:08:18,620 --> 00:08:15,520

science media center and they specialize

166

00:08:21,150 --> 00:08:18,630

in taking scientists to the media and

167

00:08:23,730 --> 00:08:21,160

bringing the media directly in contact

168

00:08:26,010 --> 00:08:23,740

with scientists so that not only are

169

00:08:27,810 --> 00:08:26,020

they going to get their facts right or

170

00:08:29,880 --> 00:08:27,820

have a better chance of getting their

171

00:08:31,980 --> 00:08:29,890

facts right but also there will be

172

00:08:35,880 --> 00:08:31,990

exposed to more science content and

173

00:08:39,420 --> 00:08:35,890

they're having great success at placing

174

00:08:41,490 --> 00:08:39,430

science media stories across the country

175

00:08:43,350 --> 00:08:41,500

and indeed around the world you know a

176

00:08:46,440 --> 00:08:43,360

lot of people are tuning in from all

177

00:08:51,600 --> 00:08:46,450

over the world into the odds smc to get

178

00:08:54,120 --> 00:08:51,610

factual content very good so there's

179

00:08:55,530 --> 00:08:54,130

there's a video running here with this

180

00:08:58,590 --> 00:08:55,540

room this is

181

00:09:02,269 --> 00:08:58,600

some kind of protein is it yeah this is

182

00:09:05,009 --> 00:09:02,279

actually a our little Museum room and

183

00:09:10,079 --> 00:09:05,019

currently we have an exhibition here on

184

00:09:12,749 --> 00:09:10,089

the braggs lawrence and henry bragg were

185

00:09:16,860 --> 00:09:12,759

the only father and son combinations win

186

00:09:18,990 --> 00:09:16,870

a Nobel Prize and Lawrence Bragg is

187

00:09:21,749 --> 00:09:19,000

still the youngest person to ever win a

188

00:09:23,699 --> 00:09:21,759

nobel prize they won that back in 1905

189

00:09:26,519 --> 00:09:23,709

for their work on x-ray crystallography

190

00:09:29,460 --> 00:09:26,529

sorry 1915 for their work on x-ray

191

00:09:32,340 --> 00:09:29,470

crystallography it was a science that

192

00:09:35,639 --> 00:09:32,350

they invented and they did all of that

193

00:09:37,530 --> 00:09:35,649

similar work here in adelaide henry

194

00:09:39,569 --> 00:09:37,540

bragg who was originally from Scotland I

195

00:09:42,629 --> 00:09:39,579

believe Lawrence was born here in

196

00:09:44,970 --> 00:09:42,639

adelaide amongst the various bits of

197

00:09:49,170 --> 00:09:44,980

equipment that we've got on display this

198

00:09:51,809 --> 00:09:49,180

vacuum tube here is the first x-ray tube

199

00:09:56,910 --> 00:09:51,819

to be made in the southern hemisphere it

200

00:09:58,980 --> 00:09:56,920

was hand blown by henry bragg and it was

201
00:10:02,009 --> 00:09:58,990
made less than a year after up and

202
00:10:04,350 --> 00:10:02,019
discovered x-rays in Europe I mean so

203
00:10:06,900 --> 00:10:04,360
these guys will you know for the early

204
00:10:09,600 --> 00:10:06,910
part of the 1900s these guys were really

205
00:10:11,670 --> 00:10:09,610
right up there getting us with the

206
00:10:17,910 --> 00:10:11,680
science did they get the information by

207
00:10:20,220 --> 00:10:17,920
email yeah all came in in in in Morse

208
00:10:22,740 --> 00:10:20,230
code well obviously was was joking about

209
00:10:25,860 --> 00:10:22,750
that but but it actually makes the fact

210
00:10:29,579 --> 00:10:25,870
that he was so soon after the discovery

211
00:10:30,780 --> 00:10:29,589
of x-rays makes it even more remarkable

212
00:10:33,449 --> 00:10:30,790
considering the fact that he probably

213
00:10:35,569 --> 00:10:33,459

took months for the information to to

214

00:10:40,400 --> 00:10:35,579

come to arrive here in Australia it's

215

00:10:46,110 --> 00:10:43,350

about the whole process of peer review

216

00:10:47,309 --> 00:10:46,120

because the way that Bragg would have

217

00:10:49,819 --> 00:10:47,319

found out about this would have been

218

00:10:52,439 --> 00:10:49,829

when the journal turned up on his desk

219

00:10:55,379 --> 00:10:52,449

that would have been published in Europe

220

00:10:57,870 --> 00:10:55,389

I don't know actually where this seminal

221

00:11:00,660 --> 00:10:57,880

papers are open word publish but they

222

00:11:03,660 --> 00:11:00,670

would have been published in Europe at a

223

00:11:07,319 --> 00:11:03,670

guess so you know Robin had to do all of

224

00:11:08,879 --> 00:11:07,329

his work and publish it in the journals

225

00:11:11,849 --> 00:11:08,889

and to go through the full

226

00:11:15,179 --> 00:11:11,859

you process and then Bragg's copy had to

227

00:11:17,220 --> 00:11:15,189

make all of its way across the planet by

228

00:11:21,030 --> 00:11:17,230

steamships I would have taken at least a

229

00:11:23,519 --> 00:11:21,040

month to get here and yet within a year

230

00:11:25,590 --> 00:11:23,529

of the discovery of x-rays here he was

231

00:11:28,889 --> 00:11:25,600

on the other side of the planet making

232

00:11:31,499 --> 00:11:28,899

x-ray tubes quite astonishing there's a

233

00:11:34,889 --> 00:11:31,509

couple of these boxes on the wall in the

234

00:11:37,079 --> 00:11:34,899

building and technically what they were

235

00:11:40,109 --> 00:11:37,089

installed for and what their official

236

00:11:43,289 --> 00:11:40,119

use was we rushed raised that you can

237

00:11:47,099 --> 00:11:43,299

put your cigarettes in the top and it

238

00:11:48,989 --> 00:11:47,109

turns little handle and that would flick

239

00:11:51,689 --> 00:11:48,999

the cigarette butt out into the street

240

00:11:53,970 --> 00:11:51,699

so that you didn't cloud up the inside

241

00:11:55,919 --> 00:11:53,980

of the building the most use that these

242

00:11:58,530 --> 00:11:55,929

guys got was that there was so much

243

00:12:01,439 --> 00:11:58,540

illegal gambling going on in this

244

00:12:02,999 --> 00:12:01,449

building that if you saw the cops coming

245

00:12:04,849 --> 00:12:03,009

and as you can see just looking out the

246

00:12:08,280 --> 00:12:04,859

window you've got quite a good view of

247

00:12:10,259 --> 00:12:08,290

any incoming policeman you could put

248

00:12:12,179 --> 00:12:10,269

your betting slips in there give it a

249

00:12:14,220 --> 00:12:12,189

flick and there's no way they could say

250

00:12:18,900 --> 00:12:14,230

you were gambling because you you're

251
00:12:25,229 --> 00:12:18,910
betting slips out on the footpath I have

252
00:12:26,939 --> 00:12:25,239
a dungeon as well we have all well

253
00:12:29,009 --> 00:12:26,949
scientists should have always have a

254
00:12:34,799 --> 00:12:29,019
dungeon right well these were actually

255
00:12:37,409 --> 00:12:34,809
the club rooms of the original stock

256
00:12:41,489 --> 00:12:37,419
exchange and we've broken them up into

257
00:12:44,189 --> 00:12:41,499
two areas now this is our science art

258
00:12:46,619 --> 00:12:44,199
gallery now so far as we know it's the

259
00:12:49,319 --> 00:12:46,629
only dedicated art science gallery in

260
00:12:53,189 --> 00:12:49,329
the country and we have four or five

261
00:12:55,109 --> 00:12:53,199
exhibitions through here a year all

262
00:12:56,549 --> 00:12:55,119
sorts of different science themes are

263
00:12:58,229 --> 00:12:56,559

covered under where we're standing at

264

00:13:00,749 --> 00:12:58,239

the moment is an installation that just

265

00:13:02,579 --> 00:13:00,759

one reward in the adelaide fringe for

266

00:13:04,739 --> 00:13:02,589

the best art installation at mayor may

267

00:13:06,689 --> 00:13:04,749

point out that we both look a bit weird

268

00:13:09,809 --> 00:13:06,699

at the moment if I feel like I'm being

269

00:13:12,340 --> 00:13:09,819

autoclaved it's it's essentially a

270

00:13:14,980 --> 00:13:12,350

tunnel with

271

00:13:18,850 --> 00:13:14,990

white and silver walls that's completely

272

00:13:21,160 --> 00:13:18,860

illuminated by UV light and yeah we both

273

00:13:23,110 --> 00:13:21,170

look a bit weird let's get out of let go

274

00:13:26,200 --> 00:13:23,120

so here ya for it it's sterilized or

275

00:13:30,460 --> 00:13:26,210

something so here is the the gallery

276

00:13:34,750 --> 00:13:30,470

proper and we found that you can get a

277

00:13:36,910 --> 00:13:34,760

lot of science across if you don't tell

278

00:13:39,760 --> 00:13:36,920

people it's science part of our mission

279

00:13:41,320 --> 00:13:39,770

is to engage the disengaged in an art

280

00:13:43,330 --> 00:13:41,330

space like this we get a lot of people

281

00:13:45,160 --> 00:13:43,340

coming in for the art and they go away

282

00:13:48,160 --> 00:13:45,170

with some understanding of the maths and

283

00:13:51,610 --> 00:13:48,170

science behind the exhibition so you

284

00:13:53,590 --> 00:13:51,620

know being able to engage people by

285

00:13:56,110 --> 00:13:53,600

using unusual and all the docs

286

00:13:57,340 --> 00:13:56,120

techniques that's where our future lies

287

00:14:02,200 --> 00:13:57,350

that's the sort of thing that we're

288

00:14:05,710 --> 00:14:02,210

getting up to hear this this was the the

289

00:14:08,530 --> 00:14:05,720

the main club room apparently they had

290

00:14:13,210 --> 00:14:08,540

three billiard tables in here when the

291

00:14:15,430 --> 00:14:13,220

stock exchange was up and running we use

292

00:14:18,730 --> 00:14:15,440

again for all sorts of purposes but

293

00:14:21,250 --> 00:14:18,740

principally we put on theatre here we

294

00:14:24,960 --> 00:14:21,260

put on plays in the adelaide fringe

295

00:14:30,100 --> 00:14:24,970

recently we had a play called CP ER now

296

00:14:34,180 --> 00:14:30,110

sepia was about three family growing up

297

00:14:39,070 --> 00:14:34,190

in whyalla in regional South Australia

298

00:14:41,740 --> 00:14:39,080

and through that their story we were

299

00:14:44,170 --> 00:14:41,750

able to explore the science things

300

00:14:46,510 --> 00:14:44,180

behind what's happening with the

301
00:14:49,600 --> 00:14:46,520
cuttlefish at wire what's happening with

302
00:14:51,700 --> 00:14:49,610
the the steel industry there is wise

303
00:14:54,280 --> 00:14:51,710
it's shutting down what's happening with

304
00:14:57,930 --> 00:14:54,290
the desal plant has proposed for it a

305
00:15:00,790 --> 00:14:57,940
lot of interesting in many ways

306
00:15:03,220 --> 00:15:00,800
confrontational scientific issues were

307
00:15:05,110 --> 00:15:03,230
able to be presented in a way that took

308
00:15:08,290 --> 00:15:05,120
the confrontation out of it and you were

309
00:15:10,330 --> 00:15:08,300
able to just explain the science and

310
00:15:13,390 --> 00:15:10,340
again people came for the play they

311
00:15:15,850 --> 00:15:13,400
wanted to see people performing and they

312
00:15:18,100 --> 00:15:15,860
managed to take on board a lot of

313
00:15:20,440 --> 00:15:18,110

science without actually having to work

314

00:15:23,150 --> 00:15:20,450

at it you know again it's engaging the

315

00:15:24,860 --> 00:15:23,160

disengages getting getting in

316

00:15:26,960 --> 00:15:24,870

for people who normally would not want

317

00:15:30,559 --> 00:15:26,970

to think about science but one of the

318

00:15:34,910 --> 00:15:30,569

stories I like about this room from the

319

00:15:37,160 --> 00:15:34,920

stock exchange days is I met up with a

320

00:15:39,650 --> 00:15:37,170

stockbroker who spent his whole working

321

00:15:42,530 --> 00:15:39,660

life in this building and he told me the

322

00:15:45,400 --> 00:15:42,540

story that there was one stock broker

323

00:15:49,249 --> 00:15:45,410

who made a fantastic living out of here

324

00:15:53,269 --> 00:15:49,259

so much so he barely left the building

325

00:15:55,400 --> 00:15:53,279

and he bought himself one of the rooms

326

00:15:59,629 --> 00:15:55,410

in a hotel across Granville Street which

327

00:16:01,059 --> 00:15:59,639

is 30 or 40 meters away so that it was

328

00:16:04,249 --> 00:16:01,069

easy for him to get to work and back

329

00:16:06,319 --> 00:16:04,259

when he retired he didn't know anything

330

00:16:07,939 --> 00:16:06,329

other than this building and so he would

331

00:16:11,360 --> 00:16:07,949

come into this room every day and drink

332

00:16:13,429 --> 00:16:11,370

a bottle of scotch and one evening he

333

00:16:16,129 --> 00:16:13,439

got to the front door and realized that

334

00:16:18,470 --> 00:16:16,139

he was too pissed to walk the 30 meters

335

00:16:21,439 --> 00:16:18,480

home so he phoned up some Johns

336

00:16:23,389 --> 00:16:21,449

Ambulance and said if I buy you an

337

00:16:25,790 --> 00:16:23,399

ambulance will you take me home for the

338

00:16:28,100 --> 00:16:25,800

rest of my life and put me to bed and

339

00:16:31,460 --> 00:16:28,110

apparently they said how old are you and

340

00:16:33,319 --> 00:16:31,470

how far do we have to drive you and they

341

00:16:35,720 --> 00:16:33,329

struck a bargain and for the next five

342

00:16:37,249 --> 00:16:35,730

or ten years every night at eleven

343

00:16:39,350 --> 00:16:37,259

o'clock and ambulance would turn up at

344

00:16:41,329 --> 00:16:39,360

the front door de parte can piss rossum

345

00:16:44,360 --> 00:16:41,339

across the roads i broker put into bed

346

00:16:47,120 --> 00:16:44,370

and do it all again the next day and

347

00:16:49,280 --> 00:16:47,130

that essentially is it that is our

348

00:16:52,879 --> 00:16:49,290

that's very good our glorious building

349

00:16:54,920 --> 00:16:52,889

if anyone is visiting Adelaide and you

350

00:16:56,660 --> 00:16:54,930

want to have a look we are open to the

351

00:17:00,590 --> 00:16:56,670

public ten o'clock to five o'clock

352

00:17:04,730 --> 00:17:00,600

monday to friday and if you log on to

353

00:17:08,390 --> 00:17:04,740

our website re oh ok you and you can

354

00:17:10,880 --> 00:17:08,400

keep tabs on our program so if you're in

355

00:17:13,279 --> 00:17:10,890

Adelaide there may well be something on

356

00:17:15,199 --> 00:17:13,289

here at night and come in join in the

357

00:17:18,169 --> 00:17:15,209

fun join us in the auditorium have a

358

00:17:20,179 --> 00:17:18,179

glass of wine and and experience our

359

00:17:21,829 --> 00:17:20,189

wonderful building and beyond the

360

00:17:24,039 --> 00:17:21,839

building they should probably also point

361

00:17:26,449 --> 00:17:24,049

out that you have activities that are

362

00:17:28,549 --> 00:17:26,459

around the country as well like free

363

00:17:29,270 --> 00:17:28,559

range signs for example is the Winx EDM

364

00:17:31,160 --> 00:17:29,280

aware every

365

00:17:34,280 --> 00:17:31,170

science across Victoria in regional

366

00:17:37,040 --> 00:17:34,290

Victoria last year we followed or

367

00:17:39,430 --> 00:17:37,050

actually we went ahead of the solar

368

00:17:41,750 --> 00:17:39,440

challenge from Darwin's Adelaide

369

00:17:44,330 --> 00:17:41,760

explaining to the public what these

370

00:17:48,230 --> 00:17:44,340

weird cars were and how they worked and

371

00:17:50,150 --> 00:17:48,240

why the challenge was going on so we

372

00:17:54,200 --> 00:17:50,160

have plans to go into New South Wales

373

00:17:57,320 --> 00:17:54,210

with live events essentially you know we

374

00:17:59,510 --> 00:17:57,330

are looking at how we can get out there

375

00:18:01,730 --> 00:17:59,520

and work with other groups that are

376

00:18:04,070 --> 00:18:01,740

already doing science communication at

377

00:18:06,770 --> 00:18:04,080

one level or another and work out how we

378

00:18:10,070 --> 00:18:06,780

can value add to that and take it to the

379

00:18:20,990 --> 00:18:10,080

next level very good thank you very much

380

00:18:22,930 --> 00:18:21,000

Paul my pleasure the mystery

381

00:18:25,580 --> 00:18:22,940

investigators show four high schools

382

00:18:29,000 --> 00:18:25,590

using science to investigate the strange

383

00:18:32,740 --> 00:18:29,010

and mysterious spoon bending fire

384

00:18:37,070 --> 00:18:32,750

walking a bit of nails water divining

385

00:18:39,800 --> 00:18:37,080

astrology false memories how do you use

386

00:18:42,220 --> 00:18:39,810

the scientific method to investigate and

387

00:18:45,740 --> 00:18:42,230

explain these strange and amazing claims

388

00:18:49,580 --> 00:18:45,750

the mystery investigators show is a fun

389

00:18:53,630 --> 00:18:49,590

interactive hour of science and magic if

390

00:18:56,390 --> 00:18:53,640

you're in the sydney area visit w WM

391

00:18:59,060 --> 00:18:56,400

astray investigators calm to find out

392

00:19:01,040 --> 00:18:59,070

more and for bookings the mystery

393

00:19:13,940 --> 00:19:01,050

investigators using science to

394

00:19:18,570 --> 00:19:16,380

hi I'm Richard Wiseman I'm the

395

00:19:20,670 --> 00:19:18,580

psychologist behind dream on the new

396

00:19:23,790 --> 00:19:20,680

mass participation experiment that aims

397

00:19:25,920 --> 00:19:23,800

to give you the perfect dream all you

398

00:19:29,550 --> 00:19:25,930

need to do is download the dream on

399

00:19:32,850 --> 00:19:29,560

iphone app before you go to bed press

400

00:19:37,920 --> 00:19:32,860

the start dreaming button next decide

401
00:19:41,890 --> 00:19:37,930
what time you want to wake up select an

402
00:19:41,900 --> 00:19:47,640
and then choose one of the soundscapes

403
00:19:53,790 --> 00:19:51,240
now plug in your iphone press Start and

404
00:19:56,700 --> 00:19:53,800
place it face down on the bed next to

405
00:19:59,550 --> 00:19:56,710
you throughout the night the app will

406
00:20:01,530 --> 00:19:59,560
monitor and log your movements and then

407
00:20:04,230 --> 00:20:01,540
about 20 minutes before you want to wake

408
00:20:06,480 --> 00:20:04,240
up it will go into dream mode it will

409
00:20:08,010 --> 00:20:06,490
wait until you're especially still which

410
00:20:10,080 --> 00:20:08,020
is an indication that you're dreaming

411
00:20:13,530 --> 00:20:10,090
and then gently play in your chosen

412
00:20:15,630 --> 00:20:13,540
soundscape now the theory is that sound

413
00:20:17,690 --> 00:20:15,640

what influence your subconscious and

414

00:20:20,490 --> 00:20:17,700

you'll incorporate it into your dream

415

00:20:22,620 --> 00:20:20,500

when you start to move around again the

416

00:20:25,410 --> 00:20:22,630

app will sound the alarm gently wake you

417

00:20:27,960 --> 00:20:25,420

up and prompt you to send in a brief

418

00:20:29,790 --> 00:20:27,970

report of your dream you can also post

419

00:20:31,770 --> 00:20:29,800

it on Twitter you can tag your friends

420

00:20:38,580 --> 00:20:31,780

if they appeared in your dream and send

421

00:20:40,650 --> 00:20:38,590

it on to facebook in a few months time

422

00:20:42,600 --> 00:20:40,660

we'll examine the data and see if it

423

00:20:45,300 --> 00:20:42,610

really is possible to create the perfect

424

00:20:57,490 --> 00:20:45,310

dream thanks for taking part and sweet

425

00:21:03,650 --> 00:21:00,770

people everywhere since the very dawn of

426

00:21:06,000 --> 00:21:03,660

time I'm trying to find the secret of

427

00:21:09,990 --> 00:21:06,010

successes

428

00:21:15,220 --> 00:21:10,000

the answer was so simple and sublime and

429

00:21:21,490 --> 00:21:17,840

but then we'll never understand

430

00:21:25,480 --> 00:21:21,500

centuries of knowledge on display

431

00:21:25,490 --> 00:21:31,539

in a TV in commercial kind of way

432

00:21:36,760 --> 00:21:33,759

just put on your mighty mystic power

433

00:21:43,570 --> 00:21:40,110

like skills increase

434

00:21:46,920 --> 00:21:43,580

this tiny molded beer glasses

435

00:21:51,060 --> 00:21:46,930

is imbued with all the magic of the east

436

00:21:56,590 --> 00:21:51,070

this magic band may cost lots of money

437

00:22:00,580 --> 00:21:56,600

so show your credit card uncle si si am

438

00:22:08,969 --> 00:22:00,590

ia mystic power bracelet there's no one

439

00:22:14,319 --> 00:22:11,979

now there are those who wonder in this

440

00:22:17,590 --> 00:22:14,329

magic really works Richard Saunders

441

00:22:19,750 --> 00:22:17,600

likes to say it's all a sham

442

00:22:22,150 --> 00:22:19,760

but they are just closed-minded all

443

00:22:26,110 --> 00:22:22,160

those condescending jerks who could

444

00:22:28,510 --> 00:22:26,120

argue with the tiny hologram some

445

00:22:31,000 --> 00:22:28,520

studies have been done to find out these

446

00:22:33,760 --> 00:22:31,010

fans impressed but clearly there is

447

00:22:42,909 --> 00:22:33,770

still more work to do

448

00:22:47,810 --> 00:22:45,820

so just put on your body mystic power

449

00:22:52,070 --> 00:22:47,820

bracelet

450

00:22:57,110 --> 00:22:52,080

you're balancing skills increase because

451

00:23:01,090 --> 00:22:57,120

it's tiny plastic feud with all the

452

00:23:07,390 --> 00:23:01,100

magic of the east this path man because

453

00:23:17,600 --> 00:23:12,020

despite my day mystic power bracelets is

454

00:23:21,570 --> 00:23:19,850

just put on your magic mystic power

455

00:23:24,180 --> 00:23:21,580

bracelets

456

00:23:28,050 --> 00:23:24,190

see your balance and athletic skills in

457

00:23:33,050 --> 00:23:28,060

Greece because this tiny molded bit of

458

00:23:41,060 --> 00:23:33,060

plastic is a mute all the magic of East

459

00:23:48,950 --> 00:23:45,440

is by a mighty mystic power faceless

460

00:23:52,389 --> 00:23:48,960

you know what said the tzivos I just

461

00:23:55,100 --> 00:23:52,399

save the sea bows what a bed was

462

00:23:57,259 --> 00:23:55,110

overpriced bits of plastic manufactured

463

00:23:59,090 --> 00:23:57,269

in Chinese factories for pennies and so

464

00:24:00,440 --> 00:23:59,100

the ridiculous prices to gullible people

465

00:24:02,090 --> 00:24:00,450

in the West to think their strength

466

00:24:04,340 --> 00:24:02,100

balance flexibility and overall

467

00:24:18,830 --> 00:24:04,350

well-being will be improved but who

468

00:24:24,779 --> 00:24:21,659

this is desiree host of Canadian radio

469

00:24:26,759 --> 00:24:24,789

show skeptically speaking for those of

470

00:24:29,190 --> 00:24:26,769

you that don't know Kenneth is quite

471

00:24:31,560 --> 00:24:29,200

similar to Australia people know as

472

00:24:34,580 --> 00:24:31,570

primarily for our weather in our beer

473

00:24:38,730 --> 00:24:34,590

and we have a queen just like you do

474

00:24:40,919 --> 00:24:38,740

same one as you do actually we also have

475

00:24:43,230 --> 00:24:40,929

mythical monsters and people who think

476

00:24:44,700 --> 00:24:43,240

they have psychic abilities and people

477

00:24:47,639 --> 00:24:44,710

who think that vaccinations are bad for

478

00:24:49,739 --> 00:24:47,649

you so keep listening to the skeptic

479

00:24:56,249 --> 00:24:49,749

zone and know that we're all in this

480

00:25:03,029 --> 00:24:56,259

together join us now for drinking

481

00:25:05,039 --> 00:25:03,039

skeptically in the think tank have

482

00:25:07,139 --> 00:25:05,049

lovely music here at the moment that is

483

00:25:10,049 --> 00:25:07,149

part after that it is very nice very

484

00:25:11,879 --> 00:25:10,059

mellow background music may not yeah I

485

00:25:13,560 --> 00:25:11,889

was enjoying right said fred earlier too

486

00:25:15,180 --> 00:25:13,570

i thought it was a little bit why today

487

00:25:17,129 --> 00:25:15,190

for a daydream i think that should be

488

00:25:18,749 --> 00:25:17,139

played as the national anthem i think

489

00:25:20,999 --> 00:25:18,759

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

490

00:25:23,460 --> 00:25:21,009

in the think tank and bastard cheap ICP

491

00:25:24,960 --> 00:25:23,470

g'day everybody well it's been a long

492

00:25:28,320 --> 00:25:24,970

time since you've joined us good to see

493

00:25:31,529 --> 00:25:28,330

you along and studying her notes on her

494

00:25:34,289 --> 00:25:31,539

iPad and with a nice glass of wine in

495

00:25:36,419 --> 00:25:34,299

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

496

00:25:38,249 --> 00:25:36,429

18 hi Richard how are you I'm really

497

00:25:39,720 --> 00:25:38,259

well I'm particularly happy tonight with

498

00:25:43,019 --> 00:25:39,730

us we're back in the think tank but we

499

00:25:45,330 --> 00:25:43,029

must right at the top of the show a big

500

00:25:47,659 --> 00:25:45,340

thank you and a big shout out because

501

00:25:49,999 --> 00:25:47,669

when i was in Manchester for QED

502

00:25:52,610 --> 00:25:50,009

convention which was a fabulous time

503

00:25:54,650 --> 00:25:52,620

somebody rushed up to me

504

00:25:58,250 --> 00:25:54,660

shoved an envelope in my hand and rushed

505

00:26:00,650 --> 00:25:58,260

away well not quite the envelope says on

506

00:26:02,570 --> 00:26:00,660

it a round of drinks for the next think

507

00:26:05,150 --> 00:26:02,580

tank thanks for the show best wishes

508

00:26:08,360 --> 00:26:05,160

andy beal nodding him skeptics in the

509

00:26:10,370 --> 00:26:08,370

pub and thank you Andy he gave us enough

510

00:26:14,000 --> 00:26:10,380

money and in front of us all a drink so

511

00:26:15,140 --> 00:26:14,010

Andy and Nottingham skeptics cheers and

512

00:26:18,500 --> 00:26:15,150

y'all be getting lucky tonight because

513

00:26:20,390 --> 00:26:18,510

of you Andy thank you hmm and it's it's

514

00:26:22,700 --> 00:26:20,400

friday the 13th manor so maybe you'll be

515

00:26:25,160 --> 00:26:22,710

getting lucky with a vampire oh I would

516

00:26:27,770 --> 00:26:25,170

hope so too i mean i was born on the 13

517

00:26:29,299 --> 00:26:27,780

so i don't i'm not very scared of 13 now

518

00:26:31,549 --> 00:26:29,309

folks just before we get into the think

519

00:26:33,560 --> 00:26:31,559

tank of course right at this moment from

520

00:26:37,250 --> 00:26:33,570

the next few days at least we've got

521

00:26:39,590 --> 00:26:37,260

Maynard paraphernalia Maynard's package

522

00:26:41,900 --> 00:26:39,600

as i've called it it's up for bid why

523

00:26:43,940 --> 00:26:41,910

did you call it that because it's me not

524

00:26:44,960 --> 00:26:43,950

you look and thank everyone that's made

525

00:26:47,330 --> 00:26:44,970

a bid on it and thank you everyone

526

00:26:49,160 --> 00:26:47,340

that's contributed to Tam I will be

527

00:26:50,720 --> 00:26:49,170

there and no one's taken up if you've

528

00:26:52,760 --> 00:26:50,730

got any questions you'd like me to ask

529

00:26:54,980 --> 00:26:52,770

anyone specifically drop in line through

530

00:26:56,600 --> 00:26:54,990

my email email at my website or through

531

00:26:57,770 --> 00:26:56,610

the skeptic zone and I'll try and ask

532

00:26:59,419 --> 00:26:57,780

that question for you to the appropriate

533

00:27:01,790 --> 00:26:59,429

person I mean that's the least I can do

534

00:27:03,200 --> 00:27:01,800

but in front of me now are a couple of

535

00:27:05,630 --> 00:27:03,210

the items that are up a bit at the

536

00:27:08,000 --> 00:27:05,640

moment we've got Maynard's classics 95

537

00:27:10,790 --> 00:27:08,010

to 2000 signed by your good self

538

00:27:13,340 --> 00:27:10,800

including such standout hits from such

539

00:27:15,590 --> 00:27:13,350

long lasting groups as a louie vega who

540

00:27:18,049 --> 00:27:15,600

could forget member number five and and

541

00:27:19,700 --> 00:27:18,059

t-shirt with their cover of the hot

542

00:27:21,500 --> 00:27:19,710

chocolate song you sexy thing those

543

00:27:25,100 --> 00:27:21,510

memories can be yours folks on that

544

00:27:28,040 --> 00:27:25,110

double CD set and also in that that

545

00:27:29,600 --> 00:27:28,050

collection we have Maynard's dag quiz

546

00:27:31,010 --> 00:27:29,610

book and here's an example of one of the

547

00:27:32,720 --> 00:27:31,020

questions you can challenge people in

548

00:27:37,250 --> 00:27:32,730

fact all are you ready for challenge CP

549

00:27:39,680 --> 00:27:37,260

see what I can do okay oh there we go in

550

00:27:43,880 --> 00:27:39,690

get smart where would you normally find

551
00:27:45,590 --> 00:27:43,890
agent 13 agent 13 hiding inside the most

552
00:27:48,620 --> 00:27:45,600
inconspicuous of objects whether it's a

553
00:27:50,960 --> 00:27:48,630
tree post box behind the wall and mirror

554
00:27:53,650 --> 00:27:50,970
great show great just an all-time

555
00:27:55,790 --> 00:27:53,660
classic of course now a cup of

556
00:27:58,100 --> 00:27:55,800
interesting items floating around the

557
00:28:00,169 --> 00:27:58,110
old internets the old world of

558
00:28:03,620 --> 00:28:00,179
skepticism for the internets let me

559
00:28:05,160 --> 00:28:03,630
quickly cover what was making news in

560
00:28:07,050 --> 00:28:05,170
the sort of the skeptical

561
00:28:09,870 --> 00:28:07,060
look 3 thinkers critical thinking

562
00:28:12,120 --> 00:28:09,880
atheist sort of community at the moment

563
00:28:14,130 --> 00:28:12,130

in Melbourne and we can't make it there

564

00:28:16,590 --> 00:28:14,140

is the big atheist convention so I hope

565

00:28:18,660 --> 00:28:16,600

everybody's having a good time anyway

566

00:28:21,770 --> 00:28:18,670

Richard Dawkins was on a very popular

567

00:28:24,090 --> 00:28:21,780

show here in Australia called Q & A and

568

00:28:25,920 --> 00:28:24,100

it was just here it's usually lots of

569

00:28:27,390 --> 00:28:25,930

politicians and commentators all having

570

00:28:29,190 --> 00:28:27,400

a chat man answering questions but it

571

00:28:33,300 --> 00:28:29,200

was just him Richard Dawkins the

572

00:28:34,920 --> 00:28:33,310

moderator and a Cardinal George Pell the

573

00:28:36,870 --> 00:28:34,930

Catholic Cardinal here I think he's the

574

00:28:39,060 --> 00:28:36,880

highest bishop in Australia yeah he's

575

00:28:41,040 --> 00:28:39,070

the highest ranking Catholic in

576

00:28:42,900 --> 00:28:41,050

Australia and of course it was basically

577

00:28:46,080 --> 00:28:42,910

his there a god or isn't there a god and

578

00:28:47,940 --> 00:28:46,090

what good as religion yada yada yada the

579

00:28:50,130 --> 00:28:47,950

whole thing was went for an hour it's on

580

00:28:52,620 --> 00:28:50,140

YouTube just Google or just go to

581

00:28:54,270 --> 00:28:52,630

youtube and look for George Pell Q&A

582

00:28:56,280 --> 00:28:54,280

Richard Dawkins you'll find it's all

583

00:28:58,320 --> 00:28:56,290

there but it was notable for a couple of

584

00:29:01,230 --> 00:28:58,330

reasons one George Pell increasingly

585

00:29:03,690 --> 00:29:01,240

stopped making sense through out the

586

00:29:05,850 --> 00:29:03,700

whole show was kidding just strange what

587

00:29:07,320 --> 00:29:05,860

he was saying and also I don't think

588

00:29:09,780 --> 00:29:07,330

Richard Dawkins was firing on all

589

00:29:11,340 --> 00:29:09,790

cylinders look to me I only saw the

590

00:29:12,600 --> 00:29:11,350

second half of it because I really don't

591

00:29:14,730 --> 00:29:12,610

like to show cuz i can't stand less

592

00:29:16,440 --> 00:29:14,740

stupid tweets a turf down the bottom um

593

00:29:18,240 --> 00:29:16,450

I think I'm gonna actually get a

594

00:29:20,820 --> 00:29:18,250

patented Manor bit of cardboard the

595

00:29:22,470 --> 00:29:20,830

computer over the bottom third because

596

00:29:24,030 --> 00:29:22,480

because they just seem to put this Marty

597

00:29:26,040 --> 00:29:24,040

bum tweets on there that I tend to put

598

00:29:28,590 --> 00:29:26,050

stuff that's like any of the advances in

599

00:29:30,660 --> 00:29:28,600

any way but yeah mr. Dawkins he looked

600

00:29:34,110 --> 00:29:30,670

like he was over it he just looked like

601
00:29:35,550 --> 00:29:34,120
he's really over it lags and now you

602
00:29:37,170 --> 00:29:35,560
might say oh you know it's just a cop

603
00:29:39,360 --> 00:29:37,180
out by Dawkins saying is jet like folks

604
00:29:41,790 --> 00:29:39,370
jet lag jet lag really screws with your

605
00:29:43,380 --> 00:29:41,800
brain you can be out to lunch you can do

606
00:29:45,960 --> 00:29:43,390
things not realize that you can't think

607
00:29:48,270 --> 00:29:45,970
of people's names be there does it make

608
00:29:50,780 --> 00:29:48,280
I'll just play a little clip now off the

609
00:29:53,340 --> 00:29:50,790
show do you believe that homosexuality

610
00:29:56,580 --> 00:29:53,350
since it's not a question of choice is

611
00:29:59,280 --> 00:29:56,590
part of God's natural order Oh creations

612
00:30:01,230 --> 00:29:59,290
messy that I think it's the oriental

613
00:30:02,940 --> 00:30:01,240

carpet makers always leave a little flaw

614

00:30:04,830 --> 00:30:02,950

in their carpet because only God's

615

00:30:06,660 --> 00:30:04,840

perfect bit so I gave it you suggesting

616

00:30:11,040 --> 00:30:06,670

that homosexuals of flawed human beings

617

00:30:15,780 --> 00:30:11,050

and not necessarily but what I am saying

618

00:30:18,010 --> 00:30:15,790

is I I don't think homosexual activity

619

00:30:20,050 --> 00:30:18,020

is simply

620

00:30:23,470 --> 00:30:20,060

the result of genetic makeup because we

621

00:30:25,630 --> 00:30:23,480

are free we can control our instincts

622

00:30:29,650 --> 00:30:25,640

and like we're heredity and environment

623

00:30:31,240 --> 00:30:29,660

a lot of this practice is is learn now

624

00:30:33,310 --> 00:30:31,250

there you go now that's a pretty unusual

625

00:30:35,590 --> 00:30:33,320

thing that's all isn't from a Catholic

626

00:30:37,720 --> 00:30:35,600

Archbishop to say about gay people look

627

00:30:39,370 --> 00:30:37,730

I thought sheep you had some comments

628

00:30:41,020 --> 00:30:39,380

assailant and that earlier I think we're

629

00:30:44,560 --> 00:30:41,030

very pertinent to that situation you

630

00:30:45,730 --> 00:30:44,570

know yeah you can if make any comment at

631

00:30:47,950 --> 00:30:45,740

all about other religious groups

632

00:30:50,140 --> 00:30:47,960

everybody jumps on it all of a sudden

633

00:30:52,330 --> 00:30:50,150

you're extremely offensive stuff like

634

00:30:55,450 --> 00:30:52,340

that you say anything bad about gays or

635

00:30:57,070 --> 00:30:55,460

atheists and it's finds perfectly happy

636

00:30:59,950 --> 00:30:57,080

everybody lets you get away with it's

637

00:31:01,900 --> 00:30:59,960

not the same level of indignation were

638

00:31:05,130 --> 00:31:01,910

might say yeah people like George Pell

639

00:31:08,170 --> 00:31:05,140

can be absolutely blatantly insulting

640

00:31:10,330 --> 00:31:08,180

cutting people down like no tomorrow but

641

00:31:12,880 --> 00:31:10,340

if he's talking about gays are atheists

642

00:31:15,160 --> 00:31:12,890

when he's doing it everybody turns a

643

00:31:18,520 --> 00:31:15,170

blind eye nobody seems to care and

644

00:31:21,400 --> 00:31:18,530

that's extremely offensive it is strange

645

00:31:23,470 --> 00:31:21,410

but again if listeners our interest it's

646

00:31:26,980 --> 00:31:23,480

all on youtube it's all on youtube it's

647

00:31:29,050 --> 00:31:26,990

anyway it wasn't the finest outer outing

648

00:31:31,770 --> 00:31:29,060

usually they use that term by both these

649

00:31:33,880 --> 00:31:31,780

men I mean obviously not although again

650

00:31:36,100 --> 00:31:33,890

another interesting thing that George

651
00:31:39,160 --> 00:31:36,110
pill was saying that he says oh of

652
00:31:41,680 --> 00:31:39,170
course atheists go to heaven yeah but

653
00:31:45,160 --> 00:31:41,690
what I'm a sexual what a part of carpets

654
00:31:47,320 --> 00:31:45,170
I mean exactly it was it was confused

655
00:31:49,330 --> 00:31:47,330
messages all I might say confused

656
00:31:52,930 --> 00:31:49,340
messages and speaking of confused

657
00:31:56,020 --> 00:31:52,940
messages if this is a segue we its world

658
00:31:59,410 --> 00:31:56,030
homeopathy awareness week and yesterday

659
00:32:02,530 --> 00:31:59,420
was a grilled cheese sandwich day as

660
00:32:04,960 --> 00:32:02,540
well I started I know that because

661
00:32:07,240 --> 00:32:04,970
pee-wee Herman tweeted that so it has to

662
00:32:08,500 --> 00:32:07,250
be true I didn't even get a grilled

663
00:32:10,270 --> 00:32:08,510

cheese sandwich I'm gonna have to make

664

00:32:11,230 --> 00:32:10,280

up for it later okay oh yeah look you

665

00:32:13,240 --> 00:32:11,240

know I think if they should be grilled

666

00:32:15,100 --> 00:32:13,250

cheese sandwich month so you know so

667

00:32:17,530 --> 00:32:15,110

every day has a day and I think there's

668

00:32:18,700 --> 00:32:17,540

a website where you go uh what's the day

669

00:32:20,050 --> 00:32:18,710

about or something like that have a lot

670

00:32:22,240 --> 00:32:20,060

of back onto the top of grilled cheese

671

00:32:24,640 --> 00:32:22,250

sandwiches this week happens every year

672

00:32:26,440 --> 00:32:24,650

and about mid April and I think it is a

673

00:32:28,780 --> 00:32:26,450

fantastic initiative i think all

674

00:32:30,490 --> 00:32:28,790

skeptics should take it up and try to

675

00:32:31,470 --> 00:32:30,500

help out the homie pats with it and

676

00:32:34,740 --> 00:32:31,480

tribes are red

677

00:32:36,390 --> 00:32:34,750

now what homeopathy actually is that's

678

00:32:38,430 --> 00:32:36,400

the most damaging thing we can do to

679

00:32:40,140 --> 00:32:38,440

homeopaths tell people what it actually

680

00:32:42,450 --> 00:32:40,150

eat well it's not a grilled cheese

681

00:32:44,160 --> 00:32:42,460

sandwich that's crucial well in fact a

682

00:32:45,660 --> 00:32:44,170

lot of initiatives do they do do they go

683

00:32:47,400 --> 00:32:45,670

on the media and talk about it do they

684

00:32:49,830 --> 00:32:47,410

picture Big Ten some even have a chat

685

00:32:51,240 --> 00:32:49,840

but strange you said should say that

686

00:32:52,950 --> 00:32:51,250

because the number of years ago they did

687

00:32:54,570 --> 00:32:52,960

actually pitch some tents down in

688

00:32:56,670 --> 00:32:54,580

circular key in the little park there

689

00:32:59,040 --> 00:32:56,680

here in Sydney and we're promoting world

690

00:33:00,870 --> 00:32:59,050

homie apart homeopathic Awareness Week

691

00:33:03,300 --> 00:33:00,880

and that's where I first tumbled them

692

00:33:04,860 --> 00:33:03,310

when they were giving out leaflets

693

00:33:08,850 --> 00:33:04,870

saying we're going to be appearing at

694

00:33:11,790 --> 00:33:08,860

the babies mothers and babies fair and i

695

00:33:14,910 --> 00:33:11,800

went to the mothers and babies there and

696

00:33:16,470 --> 00:33:14,920

they told me to my face that they would

697

00:33:19,590 --> 00:33:16,480

not recommend vaccinations and you

698

00:33:21,630 --> 00:33:19,600

shouldn't use homeopathy so yeah and did

699

00:33:23,700 --> 00:33:21,640

you start arguing with them straightaway

700

00:33:26,130 --> 00:33:23,710

no no no no I just said oh that's very

701

00:33:28,380 --> 00:33:26,140

good then we reported it and in the

702

00:33:29,790 --> 00:33:28,390

skeptic on the webpage and everything I

703

00:33:31,410 --> 00:33:29,800

think we even had a press release this

704

00:33:33,800 --> 00:33:31,420

is going back a number of years ago as

705

00:33:36,050 --> 00:33:33,810

well I don't know what they do

706

00:33:40,170 --> 00:33:36,060

internationally apart from they try to

707

00:33:42,480 --> 00:33:40,180

throttle twitter with the hashtag wh aw

708

00:33:44,430 --> 00:33:42,490

four well hung up the awareness week but

709

00:33:46,920 --> 00:33:44,440

of course a hashtag is not reserved just

710

00:33:50,550 --> 00:33:46,930

for proponents of homeopathy it as CP

711

00:33:55,110 --> 00:33:50,560

says it can also be used by opponents so

712

00:33:57,330 --> 00:33:55,120

we tend to use that this week to tweet

713

00:33:59,070 --> 00:33:57,340

information that as CP says well

714

00:34:02,040 --> 00:33:59,080

enlighten people as to actually wat

715

00:34:06,090 --> 00:34:02,050

homeopathy is and hashtag it with wh aw

716

00:34:07,950 --> 00:34:06,100

and 10 23 and 23 yo now most people are

717

00:34:10,200 --> 00:34:07,960

aware of what the 10 23 campaign is

718

00:34:12,060 --> 00:34:10,210

about but if you don't know it was set

719

00:34:15,930 --> 00:34:12,070

up by the Merseyside skeptics a couple

720

00:34:17,940 --> 00:34:15,940

of years ago and the relevance of 1023

721

00:34:20,430 --> 00:34:17,950

is that that's Avogadro's constant which

722

00:34:22,680 --> 00:34:20,440

is the number beyond which if you dilute

723

00:34:24,420 --> 00:34:22,690

something there's a very small

724

00:34:27,570 --> 00:34:24,430

likelihood you'll have one original

725

00:34:31,680 --> 00:34:27,580

molecule remaining and of course most

726

00:34:34,530 --> 00:34:31,690

homeopathic therapies or remedies have

727

00:34:36,630 --> 00:34:34,540

about 10 to the 30 dilution that's the

728

00:34:37,980 --> 00:34:36,640

comment on and on and on well on and on

729

00:34:40,260 --> 00:34:37,990

but the common one that you'll buy in

730

00:34:43,200 --> 00:34:40,270

the chemist shop is about 10 to 5 30 so

731

00:34:44,399 --> 00:34:43,210

you're deleting it deleting it you're

732

00:34:46,980 --> 00:34:44,409

diluting it should be

733

00:34:49,500 --> 00:34:46,990

yeah you're diluting it to such a degree

734

00:34:51,839 --> 00:34:49,510

that there's nothing left in it so I've

735

00:34:53,399 --> 00:34:51,849

already had a few arguments this week

736

00:34:55,940 --> 00:34:53,409

with a few homeopaths on twitter because

737

00:35:00,210 --> 00:34:55,950

they've picked me up through the wh aw

738

00:35:02,250 --> 00:35:00,220

hashtag so people tend to write blogs

739

00:35:05,069 --> 00:35:02,260

this week who are skeptics they tend to

740

00:35:07,200 --> 00:35:05,079

use that hashtag and just get the

741

00:35:08,730 --> 00:35:07,210

information out that homeopathy there's

742

00:35:12,180 --> 00:35:08,740

nothing in it which is the catchphrase

743

00:35:14,329 --> 00:35:12,190

of 1023 and they've certainly fictive

744

00:35:16,500 --> 00:35:14,339

quite a week to do this too because

745

00:35:17,910 --> 00:35:16,510

today yesterday as i said was

746

00:35:21,079 --> 00:35:17,920

international grilled cheese sandwich

747

00:35:23,450 --> 00:35:21,089

day today is national peach cobbler day

748

00:35:25,410 --> 00:35:23,460

and of course Nick next week

749

00:35:27,839 --> 00:35:25,420

international moment of life today is

750

00:35:30,480 --> 00:35:27,849

celebrated on the 14th on the fifteenth

751
00:35:34,440 --> 00:35:30,490
there's national blazedd ham day on the

752
00:35:36,000 --> 00:35:34,450
16 16 on the 16th is national eggs

753
00:35:38,579 --> 00:35:36,010
benedict day and I got to say who

754
00:35:40,650 --> 00:35:38,589
doesn't enjoy that April seventeenth is

755
00:35:42,270 --> 00:35:40,660
tax day and of course sir this will fit

756
00:35:43,829 --> 00:35:42,280
in well what they're doing on the 18th

757
00:35:46,170 --> 00:35:43,839
of April its national wear your pajamas

758
00:35:48,089 --> 00:35:46,180
to work day we're just giving back to

759
00:35:51,480 --> 00:35:48,099
the homeopathy think it's interesting

760
00:35:52,980 --> 00:35:51,490
what you say Rachel you know beyond the

761
00:35:55,970 --> 00:35:52,990
limit there's no molecule et cetera et

762
00:35:58,079 --> 00:35:55,980
cetera but I have the opinion that

763
00:35:59,640 --> 00:35:58,089

certainly the vast majority of stuff

764

00:36:01,380 --> 00:35:59,650

you'd buy in boots in the UK or the

765

00:36:03,809 --> 00:36:01,390

pharmacies hear the little pills have

766

00:36:05,519 --> 00:36:03,819

never been within shouting distance of

767

00:36:07,410 --> 00:36:05,529

any of the ingredients they just turned

768

00:36:09,180 --> 00:36:07,420

out sugar pills isn't it there's no

769

00:36:10,980 --> 00:36:09,190

process they just turn them out and so

770

00:36:12,690 --> 00:36:10,990

on yeah well nobody knows that do they I

771

00:36:15,539 --> 00:36:12,700

mean we don't know that for sure but I

772

00:36:18,120 --> 00:36:15,549

suspect you're right but our favorite

773

00:36:21,029 --> 00:36:18,130

homeopath in Australia France Sheffield

774

00:36:22,589 --> 00:36:21,039

who can't hurt me ft plus just recently

775

00:36:24,000 --> 00:36:22,599

a Facebook page has been set up called

776

00:36:25,529 --> 00:36:24,010

stop homie up with your place and a

777

00:36:28,730 --> 00:36:25,539

twitter account started up a couple of

778

00:36:31,410 --> 00:36:28,740

days ago you stopped me over BP i think

779

00:36:36,690 --> 00:36:31,420

yes and on Facebook just search will

780

00:36:38,820 --> 00:36:36,700

stop homeopathy plus yeah now I somebody

781

00:36:40,980 --> 00:36:38,830

referred to this the other day because i

782

00:36:42,210 --> 00:36:40,990

retweeted something that i follow her me

783

00:36:44,370 --> 00:36:42,220

off your + on twitter and i also

784

00:36:46,590 --> 00:36:44,380

subscribe to their newsletter future and

785

00:36:48,690 --> 00:36:46,600

somebody tweeted at me the other day why

786

00:36:50,370 --> 00:36:48,700

are you trolling yourself like why do

787

00:36:53,730 --> 00:36:50,380

you subscribe to this stuff you for

788

00:36:58,680 --> 00:36:53,740

trying to troll yourself because you get

789

00:37:00,300 --> 00:36:58,690

the newsletter as well yes and the every

790

00:37:02,550 --> 00:37:00,310

single one that comes seems to be

791

00:37:04,590 --> 00:37:02,560

crazier than the one before it's just

792

00:37:06,210 --> 00:37:04,600

mental isn't it it's worth getting them

793

00:37:08,040 --> 00:37:06,220

it is worth getting just to see how

794

00:37:09,480 --> 00:37:08,050

mental it is because you mentioned that

795

00:37:11,280 --> 00:37:09,490

you don't think the pills have ever been

796

00:37:13,920 --> 00:37:11,290

in contact with any of the actual

797

00:37:16,820 --> 00:37:13,930

ingredients I got it I don't give an

798

00:37:20,040 --> 00:37:16,830

astronaut I think it was the last

799

00:37:23,460 --> 00:37:20,050

newsela that it was described how if you

800

00:37:25,440 --> 00:37:23,470

buy that by homeopathy as a pill and you

801
00:37:28,020 --> 00:37:25,450
want to make it into a liquid there were

802
00:37:30,510 --> 00:37:28,030
instructions as to how to do that so you

803
00:37:33,540 --> 00:37:30,520
dissolve the pill into a certain amount

804
00:37:35,550 --> 00:37:33,550
of liquid but you had to cicuta in

805
00:37:37,800 --> 00:37:35,560
between deletions and then you could

806
00:37:42,330 --> 00:37:37,810
make it into a liquid homeopathy memory

807
00:37:44,450 --> 00:37:42,340
instead of a pill homeopathy remedy and

808
00:37:47,010 --> 00:37:44,460
there was do you remember the previous

809
00:37:48,690 --> 00:37:47,020
newsletters don't come out about what we

810
00:37:50,730 --> 00:37:48,700
don't come out all the time and they

811
00:37:52,410 --> 00:37:50,740
keep actually repeat themselves a lot to

812
00:37:55,050 --> 00:37:52,420
you right there was a link today that i

813
00:37:57,000 --> 00:37:55,060

noticed came from 2011 but there was one

814

00:37:59,880 --> 00:37:57,010

recently that showed a Circassian

815

00:38:01,560 --> 00:37:59,890

machine and it had a drawing and it

816

00:38:03,270 --> 00:38:01,570

looked like a lithograph or an etching

817

00:38:05,630 --> 00:38:03,280

it was this really old-fashioned drawing

818

00:38:09,840 --> 00:38:05,640

and it looked like some kind of either

819

00:38:12,240 --> 00:38:09,850

chastity device or a suppository device

820

00:38:14,460 --> 00:38:12,250

it was really weird I nods nodding in

821

00:38:17,220 --> 00:38:14,470

agreement you know I'm here going now

822

00:38:19,020 --> 00:38:17,230

now I do know people that claim that the

823

00:38:20,130 --> 00:38:19,030

rescue remedy now is that a homeopathic

824

00:38:21,420 --> 00:38:20,140

remedy I know people who claim that

825

00:38:23,640 --> 00:38:21,430

rescue remedy works for them when

826

00:38:25,290 --> 00:38:23,650

they're in a time of stress is there

827

00:38:27,420 --> 00:38:25,300

been any experiment on this either way

828

00:38:30,170 --> 00:38:27,430

it was just the alcohol so it makes it

829

00:38:32,180 --> 00:38:30,180

does know it's a placebo placebo

830

00:38:34,250 --> 00:38:32,190

mm-hmm okay I was just asking that's all

831

00:38:36,170 --> 00:38:34,260

my secrets work when you're under

832

00:38:37,730 --> 00:38:36,180

stretch they can definitely because I

833

00:38:41,060 --> 00:38:37,740

thought perceive as many unuseful for

834

00:38:42,980 --> 00:38:41,070

pain ah know anything all sorts of

835

00:38:44,330 --> 00:38:42,990

things yes especially pain but I think

836

00:38:45,920 --> 00:38:44,340

anything if you're feeling stressed take

837

00:38:47,450 --> 00:38:45,930

this you'll feel better experience if

838

00:38:49,490 --> 00:38:47,460

you're feeling carsick take this you'll

839

00:38:51,350 --> 00:38:49,500

feel better not sleep take this the

840

00:38:54,260 --> 00:38:51,360

feeling carsick drag a bit of rubber on

841

00:38:55,730 --> 00:38:54,270

the behind the car remember that cuz I

842

00:38:57,590 --> 00:38:55,740

used to get carsick when I was it was

843

00:39:00,290 --> 00:38:57,600

quite a small boy and that was one of

844

00:39:02,030 --> 00:39:00,300

the things my dad tried yeah all busy

845

00:39:03,320 --> 00:39:02,040

that I know I thought it was just static

846

00:39:05,840 --> 00:39:03,330

electricity so you don't get is that

847

00:39:08,510 --> 00:39:05,850

from the car grounds of car that's in

848

00:39:10,130 --> 00:39:08,520

miss it doesn't do anything III didn't

849

00:39:12,370 --> 00:39:10,140

stop getting carsick on glows in my

850

00:39:16,820 --> 00:39:12,380

teens I just had to grow out of it oh

851
00:39:18,230 --> 00:39:16,830
yeah now as humorous as it is and can be

852
00:39:20,000 --> 00:39:18,240
you know all this silliness about

853
00:39:22,250 --> 00:39:20,010
homeopathy there is a bad site to it of

854
00:39:25,670 --> 00:39:22,260
course a very bad very dark and bad side

855
00:39:28,700 --> 00:39:25,680
as I said a few weeks back when I was a

856
00:39:31,700 --> 00:39:28,710
special guest on the SGU skeptics guide

857
00:39:33,500 --> 00:39:31,710
to the universe i said what people what

858
00:39:35,420 --> 00:39:33,510
we should do is be promoting homie off

859
00:39:37,910 --> 00:39:35,430
with these dirty little secret which is

860
00:39:39,290 --> 00:39:37,920
there is nothing in it right it's just

861
00:39:40,790 --> 00:39:39,300
about to say one of the dark sides of

862
00:39:43,340 --> 00:39:40,800
homeopathy has come to light just

863
00:39:44,960 --> 00:39:43,350

recently here in Australia Dr Ng well

864

00:39:46,760 --> 00:39:44,970

this is a continuing story about

865

00:39:48,290 --> 00:39:46,770

Penelope Dingle which has been covered

866

00:39:51,710 --> 00:39:48,300

for a number of years now I think she

867

00:39:53,720 --> 00:39:51,720

died in 2005 is that right 2004 yeah I'm

868

00:39:55,910 --> 00:39:53,730

from colon cancer or complications from

869

00:39:57,500 --> 00:39:55,920

college is particularly nasty it's just

870

00:39:59,060 --> 00:39:57,510

it wasn't treated for about two years

871

00:40:01,040 --> 00:39:59,070

because she was encouraged by a

872

00:40:03,980 --> 00:40:01,050

homeopath by the name of Francine's

873

00:40:06,320 --> 00:40:03,990

grain to just get homeopathic remedies

874

00:40:08,480 --> 00:40:06,330

to avoid any other conventional medicine

875

00:40:11,200 --> 00:40:08,490

and to not take conventional painkillers

876

00:40:14,060 --> 00:40:11,210

etc now this has been covered on

877

00:40:15,980 --> 00:40:14,070

extensively by an ABC documentary called

878

00:40:17,840 --> 00:40:15,990

Australian story which you can still

879

00:40:21,260 --> 00:40:17,850

find online and I'm pretty sure it's not

880

00:40:24,470 --> 00:40:21,270

geo blocked and in any case there's a

881

00:40:25,640 --> 00:40:24,480

transcript online and one of the most

882

00:40:27,970 --> 00:40:25,650

distressing things about that we've

883

00:40:30,170 --> 00:40:27,980

discussed it on the zone before was

884

00:40:33,360 --> 00:40:30,180

there was a coroner's investigation

885

00:40:35,950 --> 00:40:33,370

because the family of Penelope Dingle

886

00:40:38,170 --> 00:40:35,960

wanted to find out what the role of the

887

00:40:40,690 --> 00:40:38,180

homeopath was in the death of their

888

00:40:43,360 --> 00:40:40,700

sister or their you know relative yeah

889

00:40:45,760 --> 00:40:43,370

in addition to her husband Peter Dingle

890

00:40:47,710 --> 00:40:45,770

who used to be a lecturer and

891

00:40:52,440 --> 00:40:47,720

environmental toxicology at the

892

00:40:55,660 --> 00:40:52,450

University of a university in wa yeah

893

00:40:57,990 --> 00:40:55,670

whether it was curtain or anyway I don't

894

00:41:00,460 --> 00:40:58,000

want to say in case I'm wrong yeah

895

00:41:03,370 --> 00:41:00,470

anyway he subsequently steps down from

896

00:41:07,240 --> 00:41:03,380

the University or retired in inverted

897

00:41:08,800 --> 00:41:07,250

commas allegedly he may have been asked

898

00:41:11,260 --> 00:41:08,810

to leave but I don't know that for sure

899

00:41:13,650 --> 00:41:11,270

the reason I'm saying allegedly and I

900

00:41:16,450 --> 00:41:13,660

don't know for sure is because recently

901
00:41:18,820 --> 00:41:16,460
the sister of Penelope Dingle has now

902
00:41:21,160 --> 00:41:18,830
taken it to court to sue Francie and

903
00:41:24,220 --> 00:41:21,170
screen directly for her involvement in

904
00:41:26,170 --> 00:41:24,230
her sister's death now as a result of

905
00:41:30,280 --> 00:41:26,180
that Fran turns gray and has placed a

906
00:41:35,770 --> 00:41:30,290
slap on a skeptical blogger who was

907
00:41:38,020 --> 00:41:35,780
following this story now since its world

908
00:41:40,990 --> 00:41:38,030
homeopathy Awareness Week dan Buzzard is

909
00:41:42,910 --> 00:41:41,000
his name on twitter he dug out the

910
00:41:45,580 --> 00:41:42,920
letters that Penelope Dingle wrote to

911
00:41:48,120 --> 00:41:45,590
Francine's crying when she was very ill

912
00:41:51,670 --> 00:41:48,130
yeah really just before she passed away

913
00:41:56,050 --> 00:41:51,680

where she explains very clearly that she

914

00:41:57,820 --> 00:41:56,060

was misled by Francine that she was led

915

00:42:01,630 --> 00:41:57,830

to believe that homeopathy would cure

916

00:42:03,790 --> 00:42:01,640

her cancer and that she trusted the

917

00:42:06,070 --> 00:42:03,800

homeopath implicitly and she's got to a

918

00:42:08,410 --> 00:42:06,080

point where i mean the the upshot of

919

00:42:10,380 --> 00:42:08,420

this was she ended up in hospital having

920

00:42:13,660 --> 00:42:10,390

emergency surgery for a blocked bowel

921

00:42:15,600 --> 00:42:13,670

where if she hadn't had surgery

922

00:42:18,550 --> 00:42:15,610

immediately she would have ended up

923

00:42:19,660 --> 00:42:18,560

vomiting feces and dying an incredible I

924

00:42:21,610 --> 00:42:19,670

mean we've discussed this with father

925

00:42:23,290 --> 00:42:21,620

guy it's just so horrible that said

926

00:42:25,240 --> 00:42:23,300

before it was a horrible yeah I mean in

927

00:42:28,300 --> 00:42:25,250

particular colon cancer if its quarterly

928

00:42:31,540 --> 00:42:28,310

is very easily is curable do you know

929

00:42:33,160 --> 00:42:31,550

about 90% anyway so dad's been covering

930

00:42:35,260 --> 00:42:33,170

this and because the sisters now suing

931

00:42:38,380 --> 00:42:35,270

Francine it's back in the news it's back

932

00:42:41,980 --> 00:42:38,390

in being topical but I'm so Francine

933

00:42:44,070 --> 00:42:41,990

price to slap on him in fact friday was

934

00:42:45,360 --> 00:42:44,080

Good Friday Slurpees

935

00:42:47,820 --> 00:42:45,370

strategic lawsuit against public

936

00:42:49,980 --> 00:42:47,830

prosecution thank you she's she

937

00:42:52,230 --> 00:42:49,990

basically means just to shut critics top

938

00:42:55,170 --> 00:42:52,240

so that people can't see if you change

939

00:42:57,150 --> 00:42:55,180

this we're going to see you yeah yeah so

940

00:43:00,440 --> 00:42:57,160

it's basically to shut up it's like it's

941

00:43:03,360 --> 00:43:00,450

legal chill as Benny Goldacre calls it

942

00:43:04,710 --> 00:43:03,370

so anyway the issue with this was that

943

00:43:06,300 --> 00:43:04,720

down got notification of this on

944

00:43:08,430 --> 00:43:06,310

thursday at twelve o'clock and we had

945

00:43:12,060 --> 00:43:08,440

Easter so we had four days and he had

946

00:43:14,490 --> 00:43:12,070

until tuesday at midday to respond to

947

00:43:16,050 --> 00:43:14,500

this and in between that there were four

948

00:43:19,260 --> 00:43:16,060

days of public holidays so he couldn't

949

00:43:21,450 --> 00:43:19,270

have got legal advice now I know that he

950

00:43:23,700 --> 00:43:21,460

did get some advice but I'm not sure how

951
00:43:24,810 --> 00:43:23,710
he's proceeded with this but the one of

952
00:43:28,020 --> 00:43:24,820
the problems is that when you google

953
00:43:30,210 --> 00:43:28,030
Francine's grin he comes up as hit

954
00:43:32,160 --> 00:43:30,220
number two on Google in Australia and

955
00:43:34,560 --> 00:43:32,170
google number one is the Australian

956
00:43:37,170 --> 00:43:34,570
story transcript which neither of those

957
00:43:39,510 --> 00:43:37,180
are in fact most of page one of Google

958
00:43:42,270 --> 00:43:39,520
don't put her in very good like now she

959
00:43:43,800 --> 00:43:42,280
doesn't have her own website the only

960
00:43:46,380 --> 00:43:43,810
link where you'll find her directly is

961
00:43:49,470 --> 00:43:46,390
through natural therapy pages so you can

962
00:43:52,380 --> 00:43:49,480
still find her and in fact I know a

963
00:43:53,970 --> 00:43:52,390

journalist who wrote about her about 12

964

00:43:55,980 --> 00:43:53,980

months ago and found her through google

965

00:43:59,160 --> 00:43:55,990

and called her up on the number on

966

00:44:00,600 --> 00:43:59,170

google in the natural therapies pages at

967

00:44:02,940 --> 00:44:00,610

which point she bursts into tears and

968

00:44:05,670 --> 00:44:02,950

hung up the phone and he said but you're

969

00:44:08,400 --> 00:44:05,680

still on like you're listed under the

970

00:44:10,170 --> 00:44:08,410

natural therapy pages but she doesn't

971

00:44:11,340 --> 00:44:10,180

have a website so anything that people

972

00:44:13,920 --> 00:44:11,350

are going to say about her is going to

973

00:44:15,030 --> 00:44:13,930

come up in google and so it appears to

974

00:44:17,430 --> 00:44:15,040

me that she's trying to get rid of that

975

00:44:19,590 --> 00:44:17,440

stuff out of google but unfortunately

976

00:44:21,900 --> 00:44:19,600

for her it's only going to get worse

977

00:44:23,730 --> 00:44:21,910

because now that she's being sued by the

978

00:44:25,020 --> 00:44:23,740

sister of Penelope Dingle is going to be

979

00:44:26,610 --> 00:44:25,030

back in the news again there's going to

980

00:44:28,620 --> 00:44:26,620

be more and more coverage and it's just

981

00:44:30,330 --> 00:44:28,630

going to look bad for Francine screen so

982

00:44:32,520 --> 00:44:30,340

she can suck she can put flaps on

983

00:44:33,630 --> 00:44:32,530

whoever she likes but once it gets back

984

00:44:36,540 --> 00:44:33,640

into the mainstream press which

985

00:44:39,000 --> 00:44:36,550

inevitably it will it's going to be page

986

00:44:40,320 --> 00:44:39,010

tens of Google's before you know there's

987

00:44:43,050 --> 00:44:40,330

nice stuff said about fourteen it's

988

00:44:45,740 --> 00:44:43,060

great it's being someone who's been

989

00:44:48,840 --> 00:44:45,750

looking at this

990

00:44:51,540 --> 00:44:48,850

whole story whole saga of homeopathy for

991

00:44:53,310 --> 00:44:51,550

many years now it occurs to me year

992

00:44:55,260 --> 00:44:53,320

after year after year it is getting

993

00:44:56,790 --> 00:44:55,270

harder and harder and harder for the

994

00:44:58,860 --> 00:44:56,800

homeopath such as can only be a good

995

00:45:00,060 --> 00:44:58,870

thing what I mean by that it's year

996

00:45:02,970 --> 00:45:00,070

after year after year there are more

997

00:45:07,410 --> 00:45:02,980

people willing to speak up go to the

998

00:45:09,150 --> 00:45:07,420

media blog Twitter criticize and an all

999

00:45:10,950 --> 00:45:09,160

power to it I think that's the best

1000

00:45:12,690 --> 00:45:10,960

thing that could happen and remind

1001
00:45:14,520 --> 00:45:12,700
people once again that homeopathy is a

1002
00:45:17,730 --> 00:45:14,530
complete and utter farce and channel

1003
00:45:21,090 --> 00:45:17,740
well we should also say that the NHMRC

1004
00:45:25,830 --> 00:45:21,100
which is our government I guess they're

1005
00:45:30,420 --> 00:45:25,840
the advisory board to sort of our

1006
00:45:32,580 --> 00:45:30,430
medical policies in Australia they have

1007
00:45:34,380 --> 00:45:32,590
already written a draft statement saying

1008
00:45:36,180 --> 00:45:34,390
that homeopathy is unethical and

1009
00:45:37,980 --> 00:45:36,190
shouldn't be prescribed by doctors in

1010
00:45:39,900 --> 00:45:37,990
Australia I mean they advise on all

1011
00:45:42,900 --> 00:45:39,910
sorts of things like obesity or diabetes

1012
00:45:44,400 --> 00:45:42,910
or they say you know if you're treating

1013
00:45:45,870 --> 00:45:44,410

patients with cardiovascular disease

1014

00:45:46,980 --> 00:45:45,880

here are the drugs that we think of the

1015

00:45:48,600 --> 00:45:46,990

best because we've looked at all the

1016

00:45:51,450 --> 00:45:48,610

evidence and based on what we've seen

1017

00:45:53,100 --> 00:45:51,460

this is what you should be doing they've

1018

00:45:54,600 --> 00:45:53,110

done the same thing with homeopathy and

1019

00:45:57,270 --> 00:45:54,610

based on the UK Science and Technology

1020

00:45:59,730 --> 00:45:57,280

Committee report from 2010 they wrote a

1021

00:46:01,590 --> 00:45:59,740

draft statement which they release late

1022

00:46:02,820 --> 00:46:01,600

last year saying that that's probably

1023

00:46:04,560 --> 00:46:02,830

what they're going to end up saying

1024

00:46:08,010 --> 00:46:04,570

officially as a government body in this

1025

00:46:09,870 --> 00:46:08,020

country is homeopathy is bunk don't

1026

00:46:11,910 --> 00:46:09,880

prescribe it and it's unethical to

1027

00:46:13,290 --> 00:46:11,920

prescribe it for reasons like that I

1028

00:46:14,970 --> 00:46:13,300

mean we've talked about Gloria Sam's

1029

00:46:17,370 --> 00:46:14,980

before the nine month old toddler who

1030

00:46:20,010 --> 00:46:17,380

died of septicaemia because of untreated

1031

00:46:22,380 --> 00:46:20,020

eczema I mean these are isolated cases

1032

00:46:25,500 --> 00:46:22,390

and yes people die from conventional

1033

00:46:27,330 --> 00:46:25,510

medicine too but that every size for the

1034

00:46:29,120 --> 00:46:27,340

anecdotes that we need because anecdotes

1035

00:46:33,600 --> 00:46:29,130

tend to work on the general public oh

1036

00:46:36,480 --> 00:46:33,610

but of course the big thing is you don't

1037

00:46:37,800 --> 00:46:36,490

die from homeopathy you die because it

1038

00:46:39,300 --> 00:46:37,810

doesn't do anything and you're not

1039

00:46:40,770 --> 00:46:39,310

getting proper treatment but this is the

1040

00:46:42,780 --> 00:46:40,780

thing because this is the argument I had

1041

00:46:45,570 --> 00:46:42,790

with someone he's I think the hashtag

1042

00:46:47,790 --> 00:46:45,580

the handle is homeopathic all someone on

1043

00:46:50,130 --> 00:46:47,800

Twitter I mean if I think Dana was it no

1044

00:46:52,809 --> 00:46:50,140

no it's something I got homeopathic all

1045

00:46:55,370 --> 00:46:52,819

not hope I think Dana yes yes

1046

00:46:58,940 --> 00:46:55,380

um he or she picked me up through the

1047

00:47:00,770 --> 00:46:58,950

wire hashtag the other day and said yeah

1048

00:47:03,319 --> 00:47:00,780

but it wasn't homeopathy that killed

1049

00:47:05,120 --> 00:47:03,329

that person it was the homeopath it's

1050

00:47:08,599 --> 00:47:05,130

just an isolated instance of a bad

1051

00:47:11,900 --> 00:47:08,609

homeopath I said no it wasn't that so

1052

00:47:13,490 --> 00:47:11,910

much it was that they were not that they

1053

00:47:15,589 --> 00:47:13,500

were not told that homeopathy doesn't

1054

00:47:18,380 --> 00:47:15,599

work yeah so I said are you saying to me

1055

00:47:20,630 --> 00:47:18,390

they're homeopaths out there that will

1056

00:47:22,400 --> 00:47:20,640

say to their clients this is placebo and

1057

00:47:24,260 --> 00:47:22,410

it doesn't work but have it anyway but

1058

00:47:26,059 --> 00:47:24,270

make sure you get conventional therapy

1059

00:47:28,670 --> 00:47:26,069

that works if you could give me an

1060

00:47:30,109 --> 00:47:28,680

example of that and I'm worried I mean

1061

00:47:31,760 --> 00:47:30,119

surely they're in the minority that's

1062

00:47:33,740 --> 00:47:31,770

actually one thing that surprises me the

1063

00:47:37,609 --> 00:47:33,750

most about the open air will be Dingle

1064

00:47:40,400 --> 00:47:37,619

case when Penelope Dingle died the

1065

00:47:43,819 --> 00:47:40,410

coroner's inquest and what happened to

1066

00:47:48,170 --> 00:47:43,829

Francine to mrs. grey an absolutely

1067

00:47:50,720 --> 00:47:48,180

nothing I think homeopathic regulatory

1068

00:47:53,329 --> 00:47:50,730

bodies they did nothing about it they

1069

00:47:54,920 --> 00:47:53,339

didn't even speak out against up so

1070

00:47:57,530 --> 00:47:54,930

she's basically got in the way it's a

1071

00:47:58,849 --> 00:47:57,540

really good at agreements scot-free yeah

1072

00:48:00,440 --> 00:47:58,859

it's a really good point because I think

1073

00:48:04,280 --> 00:48:00,450

I'd be noticed noticing on twitter

1074

00:48:06,710 --> 00:48:04,290

lately it must be Twitter people saying

1075

00:48:07,910 --> 00:48:06,720

come on are there any homeopaths out

1076

00:48:10,910 --> 00:48:07,920

there who are willing to speak up

1077

00:48:12,470 --> 00:48:10,920

against but they never charians I think

1078

00:48:14,319 --> 00:48:12,480

it's bad homeopaths order no they never

1079

00:48:17,720 --> 00:48:14,329

do and this is a thing in Australia and

1080

00:48:20,180 --> 00:48:17,730

we're moving now towards registering and

1081

00:48:21,950 --> 00:48:20,190

regulating Chinese medicine

1082

00:48:24,349 --> 00:48:21,960

practitioners and there's this whole

1083

00:48:26,089 --> 00:48:24,359

argument in this country now about the

1084

00:48:27,440 --> 00:48:26,099

regulation of alt med practitioners and

1085

00:48:29,809 --> 00:48:27,450

there's one side of the argument that's

1086

00:48:31,309 --> 00:48:29,819

saying oh but if you regulate them and

1087

00:48:34,700 --> 00:48:31,319

if you train them in universities I'll

1088

00:48:37,190 --> 00:48:34,710

be better off better oh yeah and to me

1089

00:48:39,770 --> 00:48:37,200

that's like okay if you trip if you

1090

00:48:42,079 --> 00:48:39,780

teach someone that water has a memory in

1091

00:48:44,960 --> 00:48:42,089

a private college somewhere or in a

1092

00:48:46,339 --> 00:48:44,970

university it's still gibberish yes it

1093

00:48:48,079 --> 00:48:46,349

doesn't matter where you teach it to

1094

00:48:49,670 --> 00:48:48,089

them what are you going to teach them at

1095

00:48:52,220 --> 00:48:49,680

a university that it's more expensive

1096

00:48:54,109 --> 00:48:52,230

gibberish than it isn't I don't know in

1097

00:48:56,660 --> 00:48:54,119

at a fits it doesn't matter it's

1098

00:48:58,339 --> 00:48:56,670

nonsense where were you teach it so this

1099

00:49:00,920 --> 00:48:58,349

whole idea that our people come out of

1100

00:49:02,420 --> 00:49:00,930

universities better alternative medicine

1101
00:49:03,740 --> 00:49:02,430
practitioners well know if what you're

1102
00:49:04,800 --> 00:49:03,750
teaching them is rubbish it's rubbish

1103
00:49:06,390 --> 00:49:04,810
wherever you teach it to the

1104
00:49:08,520 --> 00:49:06,400
yeah I always like to use the analogy

1105
00:49:10,200 --> 00:49:08,530
when talking about these things of the

1106
00:49:11,610 --> 00:49:10,210
flying carpet for some reason I think it

1107
00:49:13,830 --> 00:49:11,620
works well because people that visualize

1108
00:49:15,600 --> 00:49:13,840
it it's like saying if you learn how to

1109
00:49:16,950 --> 00:49:15,610
make a flying carpet in your home well

1110
00:49:19,340 --> 00:49:16,960
that's one thing but you learn how to

1111
00:49:22,340 --> 00:49:19,350
make it new University it's better I see

1112
00:49:25,080 --> 00:49:22,350
it's more better are more betterer yeah

1113
00:49:27,780 --> 00:49:25,090

yes skeptic mcd's coming up on

1114

00:49:29,820 --> 00:49:27,790

twenty-sixth of Maine it's just over a

1115

00:49:31,530 --> 00:49:29,830

month away so you've got to go there I

1116

00:49:33,300 --> 00:49:31,540

look as I went along their last year I

1117

00:49:35,490 --> 00:49:33,310

had a fantastic time there's rubies

1118

00:49:36,900 --> 00:49:35,500

really good atmosphere and that was just

1119

00:49:38,850 --> 00:49:36,910

a drinks afterwards apparently there

1120

00:49:40,830 --> 00:49:38,860

were some talks that were useful as well

1121

00:49:42,420 --> 00:49:40,840

and i'll be there covering the whole

1122

00:49:45,330 --> 00:49:42,430

thing cuz it's great now are you doing

1123

00:49:46,950 --> 00:49:45,340

at all ah maybe I haven't really put

1124

00:49:49,740 --> 00:49:46,960

much thought into it you turn out like

1125

00:49:51,660 --> 00:49:49,750

on the daisy cat is it's not all these

1126

00:49:53,610 --> 00:49:51,670

big names talking it's not all these

1127

00:49:55,920 --> 00:49:53,620

people who really experience it's just

1128

00:49:57,480 --> 00:49:55,930

general people like you're me and it

1129

00:50:00,030 --> 00:49:57,490

really worked well so the audience

1130

00:50:01,500 --> 00:50:00,040

everybody who comes to watch they can

1131

00:50:03,330 --> 00:50:01,510

all get up and give a talk if they want

1132

00:50:05,220 --> 00:50:03,340

it just can be five minutes can be 15

1133

00:50:07,710 --> 00:50:05,230

minutes and you don't know an topical

1134

00:50:09,750 --> 00:50:07,720

you don't camp overnight yeah and one of

1135

00:50:11,250 --> 00:50:09,760

the great great talks was the school got

1136

00:50:12,570 --> 00:50:11,260

up from Canberra and talk about why

1137

00:50:14,250 --> 00:50:12,580

there aren't more women involved in

1138

00:50:15,690 --> 00:50:14,260

skepticism and what some of the reasons

1139

00:50:17,070 --> 00:50:15,700

maybe it was just like a nice open

1140

00:50:18,450 --> 00:50:17,080

discussion and that was really good and

1141

00:50:20,010 --> 00:50:18,460

that was just as useful like you don't

1142

00:50:22,230 --> 00:50:20,020

have talks in large groups like that I

1143

00:50:23,340 --> 00:50:22,240

hope you can give a talk man um I look I

1144

00:50:24,870 --> 00:50:23,350

won't be giving a talk because will be

1145

00:50:26,670 --> 00:50:24,880

no use to anyone what am I going to talk

1146

00:50:28,860 --> 00:50:26,680

about really we'll figure something I

1147

00:50:31,170 --> 00:50:28,870

don't know if you want me not talk at

1148

00:50:32,190 --> 00:50:31,180

skeptic camp sydney woman he'd give me a

1149

00:50:33,630 --> 00:50:32,200

topic look at the only thing i'm

1150

00:50:35,850 --> 00:50:33,640

probably qualified to talk about his

1151
00:50:38,640 --> 00:50:35,860
Nazi UFOs because I'm very excited about

1152
00:50:39,750 --> 00:50:38,650
the opening of iron sky oh yes oh I

1153
00:50:41,490 --> 00:50:39,760
think we might have to go along and do

1154
00:50:43,170 --> 00:50:41,500
that but I don't want to cut into a bit

1155
00:50:45,330 --> 00:50:43,180
of skip you can't time so tell people

1156
00:50:46,710 --> 00:50:45,340
what the new e-book I've booked already

1157
00:50:49,230 --> 00:50:46,720
but how can outlets in this book who are

1158
00:50:51,960 --> 00:50:49,240
except all the details should be at www

1159
00:50:58,380 --> 00:50:51,970
get to campus trolley org and if you go

1160
00:51:00,000 --> 00:50:58,390
to our event price EV en CBR ite endure

1161
00:51:01,230 --> 00:51:00,010
such force kept camp there you should be

1162
00:51:04,440 --> 00:51:01,240
able to find where you can book tickets

1163
00:51:06,990 --> 00:51:04,450

a completely free it's a building to of

1164

00:51:08,820 --> 00:51:07,000

UTS ridens center of Sydney just near

1165

00:51:10,440 --> 00:51:08,830

central train station really easy to get

1166

00:51:12,150 --> 00:51:10,450

too easy to get sooo are the earliest

1167

00:51:13,620 --> 00:51:12,160

buildings in Sydney able to win an

1168

00:51:15,810 --> 00:51:13,630

architectural prize I'd like to point

1169

00:51:16,680 --> 00:51:15,820

out exactly so you can't miss it goes

1170

00:51:19,230 --> 00:51:16,690

from about nine

1171

00:51:20,609 --> 00:51:19,240

in the morning tools 5-6 p.m. at night

1172

00:51:24,180 --> 00:51:20,619

and then this drinks afterwards

1173

00:51:26,730 --> 00:51:24,190

afterwards and cupcake competition last

1174

00:51:29,400 --> 00:51:26,740

year there will be another cupcake

1175

00:51:32,099 --> 00:51:29,410

competition this year last year for that

1176

00:51:33,960 --> 00:51:32,109

remember i hate slowly eric up kb in two

1177

00:51:37,140 --> 00:51:33,970

days of being a vegan somebody paid me

1178

00:51:38,910 --> 00:51:37,150

to go so the other the other thing we

1179

00:51:40,710 --> 00:51:38,920

should add is that the organizers are

1180

00:51:42,720 --> 00:51:40,720

currently looking for sponsors for lunch

1181

00:51:45,270 --> 00:51:42,730

and for drinks afterwards and possibly

1182

00:51:47,520 --> 00:51:45,280

some prizes for the best talks so if

1183

00:51:49,589 --> 00:51:47,530

anyone would like to get involved you'll

1184

00:51:51,870 --> 00:51:49,599

get your name up in lights and you get

1185

00:51:54,690 --> 00:51:51,880

to be a part of the greater good and

1186

00:51:56,069 --> 00:51:54,700

your stuff and feel warm and fuzzy and

1187

00:51:58,020 --> 00:51:56,079

so you can get in touch with the

1188

00:52:00,349 --> 00:51:58,030

organizers through the address its shape

1189

00:52:04,040 --> 00:52:00,359

is just and you can find those links at

1190

00:52:06,510 --> 00:52:04,050

wwc a petting zoo TV in the show notes

1191

00:52:08,579 --> 00:52:06,520

now gb you've got some information that

1192

00:52:09,839 --> 00:52:08,589

sort of hot off the press yes something

1193

00:52:11,880 --> 00:52:09,849

has just come through to me about an

1194

00:52:16,349 --> 00:52:11,890

hour ago our best friend in the entire

1195

00:52:18,740 --> 00:52:16,359

world miss Merrill dory yay she is doing

1196

00:52:21,450 --> 00:52:18,750

a seminar panruti door in queensland

1197

00:52:25,079 --> 00:52:21,460

it's on the 18th of april with from

1198

00:52:27,839 --> 00:52:25,089

about 630pm twenty dollars per person

1199

00:52:29,790 --> 00:52:27,849

unfortunately so if there's any skeptics

1200

00:52:31,829 --> 00:52:29,800

up there who would like to go along see

1201

00:52:33,920 --> 00:52:31,839

what kind of things she says see if

1202

00:52:36,770 --> 00:52:33,930

she's in any way violating any of the

1203

00:52:39,480 --> 00:52:36,780

rules and orders against her by anybody

1204

00:52:41,690 --> 00:52:39,490

see if she's making any claim trying to

1205

00:52:45,420 --> 00:52:41,700

collect money for a organization etc

1206

00:52:46,859 --> 00:52:45,430

please do so and report back to us yeah

1207

00:52:49,020 --> 00:52:46,869

i just i'm glad you brought that up she

1208

00:52:52,530 --> 00:52:49,030

because i'm a friend of mine asked me to

1209

00:52:53,880 --> 00:52:52,540

mention these particularly because some

1210

00:52:55,829 --> 00:52:53,890

people have written to the Maroochydhore

1211

00:52:58,800 --> 00:52:55,839

RSL which is where this is going to take

1212

00:53:02,970 --> 00:52:58,810

place and the RSL is have been involved

1213

00:53:06,569 --> 00:53:02,980

in polio campaigns where they've raised

1214

00:53:08,040 --> 00:53:06,579

money for polio eradicated polio so it

1215

00:53:09,839 --> 00:53:08,050

seems a little bit irresponsible on the

1216

00:53:11,910 --> 00:53:09,849

behalf of an RSL to have someone like

1217

00:53:14,160 --> 00:53:11,920

Meryl in there who's against vaccination

1218

00:53:16,680 --> 00:53:14,170

including polio vaccination yeah and

1219

00:53:17,940 --> 00:53:16,690

some people did write to the RSL and

1220

00:53:19,829 --> 00:53:17,950

alert them to this and say you know

1221

00:53:23,160 --> 00:53:19,839

seems a little bit wrong for you to do

1222

00:53:24,210 --> 00:53:23,170

this and it seems that apparently the

1223

00:53:26,400 --> 00:53:24,220

aerosol has sent some of that

1224

00:53:27,940 --> 00:53:26,410

correspondence to Meryl and she's then

1225

00:53:30,940 --> 00:53:27,950

published that saying that

1226

00:53:33,760 --> 00:53:30,950

she's with the RSL received abusive

1227

00:53:36,160 --> 00:53:33,770

emails from skeptics now as far as I'm

1228

00:53:38,650 --> 00:53:36,170

aware that's not the case they did

1229

00:53:40,270 --> 00:53:38,660

receive letters saying that they didn't

1230

00:53:42,460 --> 00:53:40,280

think it was a very good decision by the

1231

00:53:46,120 --> 00:53:42,470

RSL but that's quite different to abuse

1232

00:53:47,710 --> 00:53:46,130

yeah so it seems that apparently the RSL

1233

00:53:49,120 --> 00:53:47,720

is aware of what Mara was going to talk

1234

00:53:51,510 --> 00:53:49,130

about but they're still supporting this

1235

00:53:54,160 --> 00:53:51,520

which seems a little bit odd odd

1236

00:53:56,410 --> 00:53:54,170

particularly since there are RSL's that

1237

00:53:58,960 --> 00:53:56,420

you raise money for vaccination programs

1238

00:54:00,819 --> 00:53:58,970

i'm not particularly well informed about

1239

00:54:03,490 --> 00:54:00,829

what the merch to RSL specifically does

1240

00:54:05,650 --> 00:54:03,500

but it just doesn't seem right to me now

1241

00:54:07,180 --> 00:54:05,660

reach you something else I just didn't

1242

00:54:10,390 --> 00:54:07,190

bring back some money for drinks from

1243

00:54:13,780 --> 00:54:10,400

from a QED of course I brought you a CD

1244

00:54:16,569 --> 00:54:13,790

can you hear this it's a shiny shiny CD

1245

00:54:18,099 --> 00:54:16,579

just you can't hear it I can't play it

1246

00:54:20,950 --> 00:54:18,109

because I don't have a CD player with me

1247

00:54:23,200 --> 00:54:20,960

but we come at it it's Ned effort the

1248

00:54:25,599 --> 00:54:23,210

album is called tree house and it was

1249

00:54:28,750 --> 00:54:25,609

given to you by the lovely medtech at

1250

00:54:31,240 --> 00:54:28,760

medtech who did come to tam 2010 in

1251
00:54:32,800 --> 00:54:31,250
Sydney and she's lovely and she gave it

1252
00:54:35,740 --> 00:54:32,810
to you to bring all the way back from

1253
00:54:37,150 --> 00:54:35,750
Manchester for me and I'm so grateful

1254
00:54:38,530 --> 00:54:37,160
thank you so much medtech i'll be

1255
00:54:41,170 --> 00:54:38,540
playing this tonight when i have a few

1256
00:54:44,230 --> 00:54:41,180
drinks excellent good stuff yes i'm

1257
00:54:45,760 --> 00:54:44,240
happy to do to be the the international

1258
00:54:47,920 --> 00:54:45,770
postage service now speaking of

1259
00:54:50,050 --> 00:54:47,930
international postage may not but I took

1260
00:54:52,870 --> 00:54:50,060
you I've been stamped more than once let

1261
00:54:54,760 --> 00:54:52,880
me do it now I look now a lot of fluff

1262
00:54:56,230 --> 00:54:54,770
going on with the movie Iron Sky that's

1263
00:54:58,900 --> 00:54:56,240

coming out which is actually a finish

1264

00:55:00,520 --> 00:54:58,910

Australian German co-production about

1265

00:55:01,690 --> 00:55:00,530

the Nazis they left at the end of the

1266

00:55:03,370 --> 00:55:01,700

circle more born they went to the dark

1267

00:55:05,200 --> 00:55:03,380

side of the moon and they're back and

1268

00:55:06,280 --> 00:55:05,210

basically that's the whole thing and we

1269

00:55:09,550 --> 00:55:06,290

were talking about this in dirty

1270

00:55:11,500 --> 00:55:09,560

disbelievers episode 5 in January with

1271

00:55:13,000 --> 00:55:11,510

Jim Ferguson who also had a great show

1272

00:55:14,829 --> 00:55:13,010

at the Melbourne Comedy Festival and his

1273

00:55:17,410 --> 00:55:14,839

cheering keep an eye out of Tim's not

1274

00:55:20,020 --> 00:55:17,420

see show winter that's right i believe

1275

00:55:23,170 --> 00:55:20,030

the the episode was called Nazi UFOs so

1276

00:55:25,300 --> 00:55:23,180

hot right now yes was an amv episode and

1277

00:55:26,349 --> 00:55:25,310

look that's well worth it will also have

1278

00:55:28,839 --> 00:55:26,359

a look at look they've got the first

1279

00:55:31,809 --> 00:55:28,849

four minutes of the film up on YouTube

1280

00:55:33,490 --> 00:55:31,819

and in minute to there is a serious

1281

00:55:35,260 --> 00:55:33,500

physics mistake which I can reveal to

1282

00:55:37,120 --> 00:55:35,270

you now oh well mind you it's one that's

1283

00:55:38,570 --> 00:55:37,130

also shown by Star Wars so they haven't

1284

00:55:41,480 --> 00:55:38,580

made the same since night

1285

00:55:43,400 --> 00:55:41,490

yep the guy gets shot and you can hear

1286

00:55:44,930 --> 00:55:43,410

the noise of the gun going off oh well

1287

00:55:46,460 --> 00:55:44,940

which you know unless you're sharing the

1288

00:55:47,750 --> 00:55:46,470

same space suit or yeah I think that

1289

00:55:49,100 --> 00:55:47,760

would be difficult for that so that

1290

00:55:51,920 --> 00:55:49,110

that's a bit of a bummer but so but

1291

00:55:54,110 --> 00:55:51,930

apart from that the film is 110 percent

1292

00:55:55,610 --> 00:55:54,120

accurate I just about to say you're

1293

00:55:57,760 --> 00:55:55,620

worried about a noise and space and

1294

00:55:59,660 --> 00:55:57,770

they're supposed to be Nazis on the fuss

1295

00:56:02,180 --> 00:55:59,670

look you would I live in very different

1296

00:56:03,800 --> 00:56:02,190

universe I know me know I believe you're

1297

00:56:05,660 --> 00:56:03,810

going to see Titanic in 3d tomorrow

1298

00:56:07,880 --> 00:56:05,670

aren't you because purely because you

1299

00:56:10,880 --> 00:56:07,890

want to see the correct stars in the

1300

00:56:12,830 --> 00:56:10,890

segment where the boat sinks because all

1301
00:56:14,480 --> 00:56:12,840
throughout the movie actually hold me

1302
00:56:16,670 --> 00:56:14,490
throughout the entire movie Neil

1303
00:56:18,980 --> 00:56:16,680
deGrasse Tyson yeah force them neil

1304
00:56:21,110 --> 00:56:18,990
degrasse tyson great James Cameron and

1305
00:56:23,420 --> 00:56:21,120
said you messed up see this is a way

1306
00:56:26,780 --> 00:56:23,430
that this can I should have been in 1914

1307
00:56:29,270 --> 00:56:26,790
or whenever it was 93 1219 1,200 years

1308
00:56:31,160 --> 00:56:29,280
ago yeah 1912 you messed it up is wrong

1309
00:56:32,930 --> 00:56:31,170
it was a great film except for that and

1310
00:56:34,700 --> 00:56:32,940
James Cameron is such a perfectionist he

1311
00:56:36,740 --> 00:56:34,710
went over it then and Yuri shot those

1312
00:56:38,420 --> 00:56:36,750
things so I know that's why you're going

1313
00:56:44,510 --> 00:56:38,430

to see I'm just going to see you later

1314

00:56:46,430 --> 00:56:44,520

Caprio drown again in fact I have never

1315

00:56:49,070 --> 00:56:46,440

seen a movie and it is too long for me

1316

00:56:51,080 --> 00:56:49,080

and I know the boat sinks I'd rather see

1317

00:56:53,180 --> 00:56:51,090

a good documentary items it sinks again

1318

00:56:56,480 --> 00:56:53,190

it's something they get it right this

1319

00:56:58,310 --> 00:56:56,490

time also all camber alyssa's can get

1320

00:57:00,350 --> 00:56:58,320

their eye out for star wars burlesque if

1321

00:57:02,180 --> 00:57:00,360

you want to see bit of wookie action I

1322

00:57:03,230 --> 00:57:02,190

would check out that show up I've seen

1323

00:57:06,410 --> 00:57:03,240

it and it's pretty everything if your

1324

00:57:08,750 --> 00:57:06,420

star wars fan it's a lot of fun and also

1325

00:57:10,760 --> 00:57:08,760

our making dr. Karl you know dr. Kalfas

1326
00:57:12,380 --> 00:57:10,770
mosquito he's been answering a lot of

1327
00:57:14,510 --> 00:57:12,390
questions on twitter lately twittering

1328
00:57:15,920 --> 00:57:14,520
likenesses suddenly he's um he started

1329
00:57:17,450 --> 00:57:15,930
to answer I mean he's very busy out

1330
00:57:19,040 --> 00:57:17,460
that's why I normally can't do it but if

1331
00:57:20,630 --> 00:57:19,050
you send a question to dr. karl is a

1332
00:57:22,820 --> 00:57:20,640
good chance he might twit you a very

1333
00:57:23,960 --> 00:57:22,830
intelligent and succinctly reply that's

1334
00:57:27,920 --> 00:57:23,970
just a few things I've got to mention

1335
00:57:29,090 --> 00:57:27,930
and go dirty disbelievers may not what

1336
00:57:30,800 --> 00:57:29,100
can I say you're just full of it

1337
00:57:32,480 --> 00:57:30,810
information I mean look I'm full of

1338
00:57:34,700 --> 00:57:32,490

information that will be useful and look

1339

00:57:36,740 --> 00:57:34,710

and as we have brought you here on the

1340

00:57:39,710 --> 00:57:36,750

show not only is it a homeopathy week it

1341

00:57:42,710 --> 00:57:39,720

is grilled cheese month folks what can I

1342

00:57:44,720 --> 00:57:42,720

say this is why we're getting Maynard to

1343

00:57:46,790 --> 00:57:44,730

come with us to the amazing meeting in

1344

00:57:50,960 --> 00:57:46,800

Las Vegas and if i look at maynards

1345

00:57:51,839 --> 00:57:50,970

thermometer we've got let me see five

1346

00:57:54,359 --> 00:57:51,849

hundred and

1347

00:57:56,400 --> 00:57:54,369

fifty dollars to go and your whole

1348

00:57:59,940 --> 00:57:56,410

airfare is completely covered so folks

1349

00:58:01,890 --> 00:57:59,950

get into ebay or go to the skeptic zone

1350

00:58:03,809 --> 00:58:01,900

up TV and look for the link and bid on

1351

00:58:04,920 --> 00:58:03,819

Maynard's package and don't forget if

1352

00:58:07,319 --> 00:58:04,930

you've got a question you want me to ask

1353

00:58:09,239 --> 00:58:07,329

off someone specifically at tam i'll

1354

00:58:11,039 --> 00:58:09,249

give it a go no promises but get it in

1355

00:58:13,319 --> 00:58:11,049

and i'll like the first first best

1356

00:58:15,690 --> 00:58:13,329

interests served all sorts of things for

1357

00:58:19,049 --> 00:58:15,700

the first in them will have a Caesar

1358

00:58:21,620 --> 00:58:19,059

dressing pour on them near that'll do me

1359

00:58:24,059 --> 00:58:21,630

and those people who are attending Tam

1360

00:58:25,890 --> 00:58:24,069

please come up and find us will be

1361

00:58:27,809 --> 00:58:25,900

buzzing around probably around Brian

1362

00:58:30,029 --> 00:58:27,819

Dunning come up and say hello to dr.

1363

00:58:32,099 --> 00:58:30,039

Ricci myself Iran sigep copies any

1364

00:58:34,710 --> 00:58:32,109

behind Brian downing at all times might

1365

00:58:37,739 --> 00:58:34,720

be coming to she's like showing Ben amoo

1366

00:58:40,079 --> 00:58:37,749

as you can do the bum talk but it was

1367

00:58:41,700 --> 00:58:40,089

gonna be told thank you that's good too

1368

00:58:43,499 --> 00:58:41,710

let's get this in the tub she might do

1369

00:58:45,269 --> 00:58:43,509

it for you may know yeah I'll heard

1370

00:58:46,319 --> 00:58:45,279

about this skeptics thing that in the

1371

00:58:48,390 --> 00:58:46,329

tub that goes on that's a bit

1372

00:58:51,450 --> 00:58:48,400

frightening you just ask Mike just asked

1373

00:58:53,219 --> 00:58:51,460

Ryan Dunning oh well that's all coming

1374

00:58:55,049 --> 00:58:53,229

up in the future but as I look at the

1375

00:58:56,759 --> 00:58:55,059

recorder now I think the battery levels

1376

00:58:59,069 --> 00:58:56,769

on the last bar Maynard which means we

1377

00:59:00,390 --> 00:58:59,079

should go to the bar and wrap up the

1378

00:59:02,309 --> 00:59:00,400

think tank and i hope everyone at the

1379

00:59:04,499 --> 00:59:02,319

atheists on over the weekend has a great

1380

00:59:06,870 --> 00:59:04,509

time in melbourne have an ungodly time

1381

00:59:08,609 --> 00:59:06,880

an ungodly do they probably are well

1382

00:59:10,920 --> 00:59:08,619

thank you may not for making an

1383

00:59:12,900 --> 00:59:10,930

appearance that's okay in just drop us a

1384

00:59:16,769 --> 00:59:12,910

line may not come do you anytime people

1385

00:59:19,829 --> 00:59:16,779

any heard it may not thank you a random

1386

00:59:24,269 --> 00:59:19,839

shadow that's right photos thank you

1387

00:59:28,289 --> 00:59:24,279

evil a chance monster thank you and that

1388

00:59:29,940 --> 00:59:28,299

delightful because dr. Richie thank you

1389

00:59:32,219 --> 00:59:29,950

dr. Richie we look forward to a doctor

1390

00:59:34,739 --> 00:59:32,229

rachy report soon I hope I'm sorry being

1391

00:59:36,479 --> 00:59:34,749

very busy at work you have but the fans

1392

00:59:38,069 --> 00:59:36,489

are clamoring for more dr. rachel is

1393

00:59:40,410 --> 00:59:38,079

being grilled cheese month after all the

1394

00:59:42,839 --> 00:59:40,420

woman I do so much chuckling and within

1395

00:59:44,279 --> 00:59:42,849

one more shout out and thank you to Andy

1396

00:59:45,989 --> 00:59:44,289

Bell of Nottingham skeptics things

1397

01:00:01,890 --> 00:59:45,999

lovely drinks she is from

1398

01:00:08,019 --> 01:00:05,289

this is brian dunning from sceptile calm

1399

01:00:09,849 --> 01:00:08,029

skep tide is a short weekly podcast

1400

01:00:12,250 --> 01:00:09,859

taking a critical look at the

1401

01:00:14,589 --> 01:00:12,260

pseudo-sciences that infect popular

1402

01:00:17,349 --> 01:00:14,599

culture whenever I'm not locked in the

1403

01:00:28,030 --> 01:00:17,359

recording studio I'm listening to the

1404

01:00:34,160 --> 01:00:30,920

thank you for listening to the skeptic

1405

01:00:37,010 --> 01:00:34,170

zone and again thank you for those

1406

01:00:40,280 --> 01:00:37,020

people bidding and helping to get

1407

01:00:42,800 --> 01:00:40,290

Maynard to Tam Las Vegas so close we

1408

01:00:44,090 --> 01:00:42,810

could almost taste it and tasting it is

1409

01:00:46,540 --> 01:00:44,100

exactly what we'll do when we're there

1410

01:00:50,780 --> 01:00:46,550

are restaurants all those Krabby legs

1411

01:00:53,570 --> 01:00:50,790

can't wait for Tam in Las Vegas coming

1412

01:00:55,640 --> 01:00:53,580

up on next week's show a very special

1413

01:00:59,120 --> 01:00:55,650

show indeed whether Iran sir give

1414

01:01:01,640 --> 01:00:59,130

interviews the founders of the the new

1415

01:01:04,340 --> 01:01:01,650

movement friends of science in medicine

1416

01:01:06,320 --> 01:01:04,350

that will be a bumper show that's

1417

01:01:08,420 --> 01:01:06,330

something to really look forward to all

1418

01:01:11,390 --> 01:01:08,430

the founders all together in the same

1419

01:01:14,450 --> 01:01:11,400

room with Iran so give friends of

1420

01:01:17,780 --> 01:01:14,460

science in medicine coming up next week

1421

01:01:19,160 --> 01:01:17,790

a show not to be missed but for me for

1422

01:01:21,740 --> 01:01:19,170

this week I'm off to have some more

1423

01:01:23,900 --> 01:01:21,750

homeopathic water this is Richard

1424

01:01:30,020 --> 01:01:23,910

Saunders signing off from Sydney

1425

01:01:34,700 --> 01:01:30,030

Australia you've been listening to the

1426

01:01:38,540 --> 01:01:34,710

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