



1  
00:00:20,640 --> 00:00:09,500  
welcome to the skeptic zone the podcast

2  
00:00:27,730 --> 00:00:23,770  
you're listening to the skeptic zone I'm

3  
00:00:31,030 --> 00:00:27,740  
Brian Dunning from sceptile com hello

4  
00:00:33,729 --> 00:00:31,040  
and welcome this is episode 115 for the

5  
00:00:35,620 --> 00:00:33,739  
31st of December Brian Dunning here

6  
00:00:37,869 --> 00:00:35,630  
filling in for Richard Saunders who's on

7  
00:00:40,240 --> 00:00:37,879  
assignment in San Francisco of course

8  
00:00:43,570 --> 00:00:40,250  
what some people call on assignment

9  
00:00:45,400 --> 00:00:43,580  
others of us call vacation you've ever

10  
00:00:48,160 --> 00:00:45,410  
seen Richard Saunders in a speedo you'd

11  
00:00:50,520 --> 00:00:48,170  
probably lie about it too today we're

12  
00:00:52,869 --> 00:00:50,530  
featuring interviews by the one and only

13  
00:00:56,320 --> 00:00:52,879

Maynard including the brothers behind

14

00:00:59,170 --> 00:00:56,330

the placebo band a fine product buy

15

00:01:01,299 --> 00:00:59,180

yours today and we're very pleased to

16

00:01:04,060 --> 00:01:01,309

bring you one of the geniuses behind the

17

00:01:06,130 --> 00:01:04,070

skeptics guide to the universe and from

18

00:01:07,719 --> 00:01:06,140

in biggin books we have one of my best

19

00:01:11,170 --> 00:01:07,729

friends because he sold so many of my

20

00:01:13,240 --> 00:01:11,180

books for me Warren bonnet unfortunately

21

00:01:15,880 --> 00:01:13,250

Maynard also interviewed me and because

22

00:01:18,370 --> 00:01:15,890

we were kinda short on content we had to

23

00:01:21,160 --> 00:01:18,380

regretfully include it in today's

24

00:01:24,280 --> 00:01:21,170

skeptic zone and following that we have

25

00:01:27,550 --> 00:01:24,290

our favorite person Rachel Dunlop with

26

00:01:29,200 --> 00:01:27,560

dr. rachy reports this week dr. ray

27

00:01:31,870 --> 00:01:29,210

cheese taking a look into the recent

28

00:01:34,090 --> 00:01:31,880

findings by the TGA the Therapeutic

29

00:01:36,399 --> 00:01:34,100

Goods Administration in Australia and

30

00:01:39,219 --> 00:01:36,409

what you can do to help fight quackery

31

00:01:40,480 --> 00:01:39,229

in pharmacies I'll be back at the end of

32

00:01:42,099 --> 00:01:40,490

the show with a little bit of news about

33

00:01:44,499 --> 00:01:42,109

some things that I've been up to that I

34

00:01:46,779 --> 00:01:44,509

think you might find interesting but for

35

00:01:48,969 --> 00:01:46,789

now sit back and grab yourself a bottle

36

00:01:51,580 --> 00:01:48,979

of Night Train oh wait this is the

37

00:02:09,800 --> 00:01:51,590

skeptic zone grab yourself a glass of

38

00:02:14,970 --> 00:02:12,630

I'm here with some real scientists were

39

00:02:16,620 --> 00:02:14,980

you from sir I'm from the CSIRO i work

40

00:02:18,000 --> 00:02:16,630

at north road right now it's obviously

41

00:02:19,380 --> 00:02:18,010

pretty rough and tumble game there

42

00:02:20,850 --> 00:02:19,390

because you've broken your arm yeah

43

00:02:23,220 --> 00:02:20,860

actually I just had some surgery on my

44

00:02:25,530 --> 00:02:23,230

hand too much typing as we can see here

45

00:02:26,670 --> 00:02:25,540

just look at the crush that's going on

46

00:02:29,430 --> 00:02:26,680

at the skeptics guide to the universe

47

00:02:31,170 --> 00:02:29,440

the novella boys and the cult of rebecca

48

00:02:33,150 --> 00:02:31,180

watson is just going off over there is

49

00:02:34,830 --> 00:02:33,160

no it is it is well they're superstars

50

00:02:36,449 --> 00:02:34,840

aren't they really Stephens amazing he's

51

00:02:38,490 --> 00:02:36,459

like a robot isn't he's just like a

52

00:02:40,110 --> 00:02:38,500

walking encyclopedia right I love it

53

00:02:41,910 --> 00:02:40,120

when I listen to any justice those

54

00:02:43,830 --> 00:02:41,920

things which cut right to the core you

55

00:02:45,990 --> 00:02:43,840

know as well and also it's so refreshing

56

00:02:47,699 --> 00:02:46,000

to actually get really a decent answer

57

00:02:50,010 --> 00:02:47,709

to things and actually hear the facts

58

00:02:51,600 --> 00:02:50,020

presented a decent way so much of the

59

00:02:53,040 --> 00:02:51,610

stuff around these days is not it's so

60

00:02:55,170 --> 00:02:53,050

difficult to get the real facts without

61

00:02:57,060 --> 00:02:55,180

I don't know filtering coloring whatever

62

00:02:59,070 --> 00:02:57,070

do get kind of pissed off of the way the

63

00:03:01,650 --> 00:02:59,080

media like myself cover stuff because we

64

00:03:03,630 --> 00:03:01,660

don't know what you're really doing and

65

00:03:04,920 --> 00:03:03,640

we have to make up words that explain it

66

00:03:06,960 --> 00:03:04,930

and often we don't get it right do with

67

00:03:08,460 --> 00:03:06,970

the media I'm not a scientist I'm just a

68

00:03:10,080 --> 00:03:08,470

smartass but I totally agree with what

69

00:03:11,250 --> 00:03:10,090

you just said you know it's like you

70

00:03:13,050 --> 00:03:11,260

don't have to be a scientist to realize

71

00:03:14,759 --> 00:03:13,060

that there's a lot of crap and there's a

72

00:03:16,740 --> 00:03:14,769

lot of false middle ground and

73

00:03:18,600 --> 00:03:16,750

everything like that just just getting

74

00:03:19,860 --> 00:03:18,610

the straight story is that so much to us

75

00:03:22,020 --> 00:03:19,870

is half the stuff they say about you

76  
00:03:23,580 --> 00:03:22,030  
wrong we do so many amazing things and I

77  
00:03:24,990 --> 00:03:23,590  
so much more that can be said about

78  
00:03:26,610 --> 00:03:25,000  
their achievements and I think there's a

79  
00:03:29,130 --> 00:03:26,620  
real problem with communicating all the

80  
00:03:30,660 --> 00:03:29,140  
different things that we've done so I

81  
00:03:33,360 --> 00:03:30,670  
was just showing today I would love to

82  
00:03:35,009 --> 00:03:33,370  
see more science news on just in the

83  
00:03:37,320 --> 00:03:35,019  
normal media I think sometimes things

84  
00:03:39,390 --> 00:03:37,330  
are on my set deemed to be delivered to

85  
00:03:40,890 --> 00:03:39,400  
the lowest common denominator and if not

86  
00:03:42,600 --> 00:03:40,900  
everyone will understand it then it

87  
00:03:43,770 --> 00:03:42,610  
shouldn't be reported well I think one

88  
00:03:46,020 --> 00:03:43,780

of the problems is that they want to try

89

00:03:48,449 --> 00:03:46,030

and make it sexy and a lot of science is

90

00:03:50,460 --> 00:03:48,459

frankly difficult it's doing things over

91

00:03:52,140 --> 00:03:50,470

and over again to get a result and find

92

00:03:53,310 --> 00:03:52,150

out what works and most people haven't

93

00:03:55,319 --> 00:03:53,320

got the patience for that and they

94

00:03:56,670 --> 00:03:55,329

didn't go to uni so consequently they're

95

00:03:58,560 --> 00:03:56,680

going to be bored with it even solar

96

00:04:00,000 --> 00:03:58,570

power which is kind of exciting it's a

97

00:04:02,160 --> 00:04:00,010

long process to get it to work properly

98

00:04:03,990 --> 00:04:02,170

a new invention I find really

99

00:04:07,050 --> 00:04:04,000

interesting as memory stirs that a new

100

00:04:09,060 --> 00:04:07,060

it's a major new technology in the

101  
00:04:09,840 --> 00:04:09,070  
filter circuit design and it's going to

102  
00:04:12,600 --> 00:04:09,850  
have

103  
00:04:13,860 --> 00:04:12,610  
huge implications but I don't I don't

104  
00:04:15,420 --> 00:04:13,870  
remember seeing it on the news anywhere

105  
00:04:18,360 --> 00:04:15,430  
really yeah what was my phone smaller

106  
00:04:19,620 --> 00:04:18,370  
yet then yeah that was a yes and that's

107  
00:04:21,360 --> 00:04:19,630  
the thing that could actually be

108  
00:04:23,040 --> 00:04:21,370  
something that they could actually even

109  
00:04:24,480 --> 00:04:23,050  
pitch I mean the technology now is

110  
00:04:26,910 --> 00:04:24,490  
really stunning compared to what it was

111  
00:04:28,500 --> 00:04:26,920  
10 years ago and popular culture is

112  
00:04:30,120 --> 00:04:28,510  
disconnected from the science that keeps

113  
00:04:31,590 --> 00:04:30,130

everything running and one what project

114

00:04:32,790 --> 00:04:31,600

what section you would not I have a

115

00:04:34,560 --> 00:04:32,800

chemistry background but I'm only

116

00:04:36,420 --> 00:04:34,570

working in IT at the moment consider

117

00:04:38,310 --> 00:04:36,430

myself to be a scientist at heart and I

118

00:04:39,870 --> 00:04:38,320

love to keep across what all the

119

00:04:45,480 --> 00:04:39,880

researchers are doing so there's some

120

00:04:47,670 --> 00:04:45,490

interesting stuff well it's a coffee

121

00:04:49,890 --> 00:04:47,680

break on day two here at Tom Australia

122

00:04:51,600 --> 00:04:49,900

and we've got Daniel hi Daniel where you

123

00:04:53,370 --> 00:04:51,610

hear from i'm here from newcastle ah

124

00:04:56,010 --> 00:04:53,380

which sub over you from you from the

125

00:04:57,810 --> 00:04:56,020

much trouble day Callahan is it i am

126

00:05:00,150 --> 00:04:57,820

from the slightly dangerous but not

127

00:05:01,740 --> 00:05:00,160

disperse respectable hamilton north but

128

00:05:03,120 --> 00:05:01,750

bill how you enjoying tam what are you

129

00:05:05,340 --> 00:05:03,130

getting out of it you've traveled all

130

00:05:06,360 --> 00:05:05,350

this way as a Nova castris and so you

131

00:05:08,940 --> 00:05:06,370

know we like to get our money's worth

132

00:05:10,530 --> 00:05:08,950

when we come to Sydney indeed yeah it's

133

00:05:12,870 --> 00:05:10,540

been fantastic just hearing all the

134

00:05:14,610 --> 00:05:12,880

speakers seeing all the people face

135

00:05:17,130 --> 00:05:14,620

spotting all the all the people that you

136

00:05:19,140 --> 00:05:17,140

listen to on podcasts and see on the TV

137

00:05:20,850 --> 00:05:19,150

has been fantastic now we've got the

138

00:05:22,290 --> 00:05:20,860

skeptics guide to the universe guys over

139

00:05:23,940 --> 00:05:22,300

there and just about everybody seemed

140

00:05:25,830 --> 00:05:23,950

surprised to what they look like and

141

00:05:27,750 --> 00:05:25,840

they really shouldn't because they've

142

00:05:29,850 --> 00:05:27,760

only ever heard them so they could look

143

00:05:31,260 --> 00:05:29,860

like anything exactly you must build up

144

00:05:33,300 --> 00:05:31,270

and just build up a mental picture of

145

00:05:35,280 --> 00:05:33,310

what a cool person looks like I guess

146

00:05:36,540 --> 00:05:35,290

and then you see them and I guess

147

00:05:38,430 --> 00:05:36,550

they're even cooler than you expected

148

00:05:40,710 --> 00:05:38,440

and of course you must be obviously

149

00:05:42,990 --> 00:05:40,720

impressed by my spice girls t-shirt it

150

00:05:46,950 --> 00:05:43,000

it is fantastic I've never seen anything

151  
00:05:49,020 --> 00:05:46,960  
like it right that's very tactful that's

152  
00:05:51,540 --> 00:05:49,030  
very tactful for a skeptic and also

153  
00:05:54,000 --> 00:05:51,550  
we've got you know Newcastle's Tobin

154  
00:05:55,980 --> 00:05:54,010  
atheists here who've we got my name's

155  
00:05:57,710 --> 00:05:55,990  
Brett I Brett with but we've heard for

156  
00:05:59,900 --> 00:05:57,720  
you before you run the

157  
00:06:03,500 --> 00:05:59,910  
the Atheist Society of Union Newcastle

158  
00:06:05,930 --> 00:06:03,510  
what's its official title the atheists

159  
00:06:08,840 --> 00:06:05,940  
agnostics anti-theist to Newcastle

160  
00:06:10,850 --> 00:06:08,850  
University you could you couldn't just

161  
00:06:13,310 --> 00:06:10,860  
make it a bit simpler could you yeah a

162  
00:06:15,080 --> 00:06:13,320  
three thank you okay it's very simple

163  
00:06:16,730 --> 00:06:15,090

now what are you here for is a bit of an

164

00:06:19,040 --> 00:06:16,740

atheist bent to what you're looking for

165

00:06:21,800 --> 00:06:19,050

at the Chairman stratum um no actually

166

00:06:24,980 --> 00:06:21,810

I'm also the vice president of the

167

00:06:27,290 --> 00:06:24,990

hunter skeptics oh yeah I'm I've got a

168

00:06:28,880 --> 00:06:27,300

foot planted squarely in both camps and

169

00:06:30,710 --> 00:06:28,890

look what are you looking forward to

170

00:06:31,940 --> 00:06:30,720

hear what's going to be the one where

171

00:06:35,840 --> 00:06:31,950

you're going to be like eyeballing

172

00:06:37,670 --> 00:06:35,850

what's going on oh I don't know I

173

00:06:40,400 --> 00:06:37,680

haven't really haven't really thought of

174

00:06:42,230 --> 00:06:40,410

that because I just I just wanted to see

175

00:06:43,730 --> 00:06:42,240

the whole thing unfortunately I didn't

176

00:06:45,440 --> 00:06:43,740

get to because i got here at nine p.m.

177

00:06:48,350 --> 00:06:45,450

yesterday but what do you make of

178

00:06:52,460 --> 00:06:48,360

everybody could you describe the skeptic

179

00:06:53,540 --> 00:06:52,470

crowd come on look I'm a member of the

180

00:06:55,340 --> 00:06:53,550

media let's do a gross

181

00:06:59,990 --> 00:06:55,350

overgeneralization that's what we do

182

00:07:03,290 --> 00:07:00,000

yeah right smart attractive sociable

183

00:07:05,720 --> 00:07:03,300

definitely and partying from what I've

184

00:07:07,970 --> 00:07:05,730

heard and what do you make of them bunch

185

00:07:09,770 --> 00:07:07,980

of dirty thieves and cutthroats I

186

00:07:12,470 --> 00:07:09,780

haven't seen a few pirates around i

187

00:07:14,000 --> 00:07:12,480

knows a lot of that and musically what

188

00:07:15,260 --> 00:07:14,010

do you reckon to beat some depict a but

189

00:07:17,000 --> 00:07:15,270

if we're going to the music of ten what

190

00:07:19,370 --> 00:07:17,010

would you go for I see the guy over

191

00:07:21,500 --> 00:07:19,380

there that the polish death metal fans

192

00:07:22,940 --> 00:07:21,510

over there hey going so we've had

193

00:07:25,130 --> 00:07:22,950

polished death metal we've had all sorts

194

00:07:26,810 --> 00:07:25,140

of stuff what your pick I know

195

00:07:28,550 --> 00:07:26,820

everyone's going to disagree with me and

196

00:07:32,320 --> 00:07:28,560

that is the essence of the skeptics

197

00:07:35,270 --> 00:07:32,330

movement so I go watercolor by pendulum

198

00:07:37,580 --> 00:07:35,280

okay yeah let's say that's a it's a

199

00:07:39,890 --> 00:07:37,590

dance track okay it makes your statement

200

00:07:42,020 --> 00:07:39,900

definitely but come on this hallway in

201  
00:07:43,690 --> 00:07:42,030  
this would be cool for a party that's

202  
00:07:45,400 --> 00:07:43,700  
sexy ass

203  
00:07:47,620 --> 00:07:45,410  
all we need to do is replace some of

204  
00:07:56,800 --> 00:07:47,630  
those regular lights and some lasers and

205  
00:07:58,690 --> 00:07:56,810  
smoke machines good times well we're

206  
00:08:00,310 --> 00:07:58,700  
here at the brian dunning festival which

207  
00:08:02,140 --> 00:08:00,320  
just happens to coincide with tam

208  
00:08:04,180 --> 00:08:02,150  
australia and you just had the book

209  
00:08:07,270 --> 00:08:04,190  
signed by Brian you're a regular skip

210  
00:08:08,620 --> 00:08:07,280  
toward listener are you I am indeed been

211  
00:08:10,300 --> 00:08:08,630  
working my way up from the very

212  
00:08:11,740 --> 00:08:10,310  
beginning of them all till the most

213  
00:08:14,800 --> 00:08:11,750

recent one so yeah have you got a

214

00:08:16,660 --> 00:08:14,810

favorite episode I'm borrowing the fact

215

00:08:19,120 --> 00:08:16,670

it took me about four shots listening

216

00:08:21,760 --> 00:08:19,130

through reuploading it the homeopathic

217

00:08:24,100 --> 00:08:21,770

one is my by far my favorite maybe a

218

00:08:26,710 --> 00:08:24,110

perfect infinitive so right now it

219

00:08:28,360 --> 00:08:26,720

literally was so yeah I'll get Brian to

220

00:08:31,069 --> 00:08:28,370

explain now it what did you do in the

221

00:08:34,139 --> 00:08:31,079

homeopathic episode

222

00:08:35,730 --> 00:08:34,149

for 10 minutes so now what I couldn't

223

00:08:38,699 --> 00:08:35,740

figure out is why 10 minutes you could

224

00:08:40,800 --> 00:08:38,709

have achieved that with 11 minutes one

225

00:08:43,170 --> 00:08:40,810

minute was it a dilution thing what was

226

00:08:45,869 --> 00:08:43,180

it yeah you know it all goes by powers

227

00:08:47,879 --> 00:08:45,879

of 10 so 10 minutes of silence okay and

228

00:08:49,199 --> 00:08:47,889

so that's why you download it 4 times

229

00:08:51,300 --> 00:08:49,209

good thought you'd stuffed it up didn't

230

00:08:53,929 --> 00:08:51,310

you pretty much all my ipod broken oh

231

00:08:56,460 --> 00:08:53,939

god no okay so I've you ever thought of

232

00:08:59,579 --> 00:08:56,470

riding into him with some abusive mile

233

00:09:01,019 --> 00:08:59,589

he gets the best abusive mile I haven't

234

00:09:04,230 --> 00:09:01,029

thought of it really but you know now

235

00:09:05,490 --> 00:09:04,240

the suggestions planted and is it easy

236

00:09:07,410 --> 00:09:05,500

to turn your friends on the skipped I

237

00:09:09,269 --> 00:09:07,420

because he encourages it to do that and

238

00:09:12,210 --> 00:09:09,279

it isn't always easy to get people to

239

00:09:14,340 --> 00:09:12,220

listen to podcasts most of my friends

240

00:09:15,869 --> 00:09:14,350

are somewhat the fence set a side of

241

00:09:18,389 --> 00:09:15,879

things so I've gotten a couple of

242

00:09:20,280 --> 00:09:18,399

interesting the ones I really like to

243

00:09:23,639 --> 00:09:20,290

get are the ones who are really deep in

244

00:09:25,259 --> 00:09:23,649

the in the woowoo side of things around

245

00:09:26,939 --> 00:09:25,269

which obviously that aren't going to

246

00:09:29,790 --> 00:09:26,949

work too easily I'm probably the only

247

00:09:31,769 --> 00:09:29,800

any personal live religiously no agenda

248

00:09:33,420 --> 00:09:31,779

show podcast and sceptile and enjoys

249

00:09:35,100 --> 00:09:33,430

them both and their brain doesn't

250

00:09:38,819 --> 00:09:35,110

explode because it's difficult when you

251  
00:09:40,290 --> 00:09:38,829  
have both sides going at once you'll see

252  
00:09:42,329 --> 00:09:40,300  
you look you're a sensible guy wearing a

253  
00:09:43,710 --> 00:09:42,339  
hat inside obviously I can see why you

254  
00:09:46,110 --> 00:09:43,720  
wouldn't want to pollute your mind when

255  
00:09:47,280 --> 00:09:46,120  
any wood and what is your favorite we're

256  
00:09:48,960 --> 00:09:47,290  
I've been asking a lot of people this

257  
00:09:50,160 --> 00:09:48,970  
when you see something what's the thing

258  
00:09:51,990 --> 00:09:50,170  
that makes you fly for it straight away

259  
00:09:54,860 --> 00:09:52,000  
for some people is astrology for some

260  
00:09:57,299 --> 00:09:54,870  
people it's ending vaccine what's yours

261  
00:09:59,220 --> 00:09:57,309  
Scientology my parents got into science

262  
00:10:01,230 --> 00:09:59,230  
I'll do big when I was a kid any muck

263  
00:10:04,379 --> 00:10:01,240

about our personal experience right yeah

264

00:10:06,389 --> 00:10:04,389

yeah and it's just even you know when I

265

00:10:08,480 --> 00:10:06,399

was about 10 years old it's just rubbish

266

00:10:13,060 --> 00:10:08,490

heaped upon rubbish

267

00:10:15,500 --> 00:10:13,070

yeah then at one point I live / in /

268

00:10:17,930 --> 00:10:15,510

Scientologist came up to me had a bit of

269

00:10:20,210 --> 00:10:17,940

chat went on holiday to Switzerland the

270

00:10:22,730 --> 00:10:20,220

same Scientologist came up to me for a

271

00:10:26,420 --> 00:10:22,740

chat the persistent by took him that

272

00:10:28,639 --> 00:10:26,430

much get under the house really yes my

273

00:10:30,290 --> 00:10:28,649

mom which unfortunately going oh I don't

274

00:10:31,670 --> 00:10:30,300

speak German and so on didn't help me

275

00:10:33,829 --> 00:10:31,680

too much when they go oh well that's

276

00:10:35,900 --> 00:10:33,839

good we speak English grip and Ferb so

277

00:10:37,070 --> 00:10:35,910

that sounds like a conspiracy theory to

278

00:10:39,710 --> 00:10:37,080

me which doesn't really fit into a

279

00:10:41,030 --> 00:10:39,720

skeptics meeting funny anecdote

280

00:10:42,650 --> 00:10:41,040

nonetheless it's a good one analyst

281

00:10:45,019 --> 00:10:42,660

thank you and did Brian invite you back

282

00:10:49,550 --> 00:10:45,029

to the hot tub sadly no I got to miss

283

00:10:50,900 --> 00:10:49,560

out we and back to the brian dunning

284

00:10:53,030 --> 00:10:50,910

festival there you're lining up there

285

00:10:55,760 --> 00:10:53,040

now how did you get turned on skip to it

286

00:10:57,680 --> 00:10:55,770

was it a bet gone bad I think it's just

287

00:10:59,660 --> 00:10:57,690

boredom begin we've been trolling on the

288

00:11:02,000 --> 00:10:59,670

internet and now that you're listening

289

00:11:03,710 --> 00:11:02,010

to podcasts because I work in radio I

290

00:11:05,990 --> 00:11:03,720

have a lot of podcasts on my iPhone all

291

00:11:07,790 --> 00:11:06,000

the time I get bored very quickly

292

00:11:08,990 --> 00:11:07,800

listening to regular radio because it's

293

00:11:10,460 --> 00:11:09,000

like when you have an ipod with your

294

00:11:12,110 --> 00:11:10,470

music on it when you hear are the music

295

00:11:13,730 --> 00:11:12,120

you haven't got time for it I've got all

296

00:11:15,319 --> 00:11:13,740

his radio shows shows that I'm into when

297

00:11:16,040 --> 00:11:15,329

I listen to anybody else's radio station

298

00:11:18,470 --> 00:11:16,050

they're not playing anything i'm

299

00:11:21,260 --> 00:11:18,480

interested in it so is it is ruined

300

00:11:24,500 --> 00:11:21,270

radio for you not really nice to listen

301

00:11:26,510 --> 00:11:24,510

de vc radio really said well I work for

302

00:11:29,660 --> 00:11:26,520

ABC well yeah so perhaps i'm one step

303

00:11:31,370 --> 00:11:29,670

sadder and what turned you on to the

304

00:11:32,900 --> 00:11:31,380

world of dunning tell me one of the

305

00:11:34,880 --> 00:11:32,910

world of dunning well yeah the brian

306

00:11:36,590 --> 00:11:34,890

dunning fest the done fest as it's known

307

00:11:38,600 --> 00:11:36,600

I think it's a fairly linear arrangement

308

00:11:39,889 --> 00:11:38,610

you start off we are with Phil Plait and

309

00:11:41,269 --> 00:11:39,899

he lead you on to skip the cavity and he

310

00:11:43,340 --> 00:11:41,279

leads you under the skeptic guide he

311

00:11:46,040 --> 00:11:43,350

leads you on to skip toward its got like

312

00:11:48,800 --> 00:11:46,050

you know who's marijuana heroin then huh

313

00:11:50,630 --> 00:11:48,810

so gateway drug basically yeah that's

314

00:11:51,860 --> 00:11:50,640

kind of weird because i came in at it

315

00:11:54,949 --> 00:11:51,870

from the completely opposite direction

316

00:11:57,980 --> 00:11:54,959

i'm a fan of leo laporte's twit network

317

00:11:59,660 --> 00:11:57,990

Johnse dvorak does stuff with him he's

318

00:12:01,400 --> 00:11:59,670

on the no agenda so I listened to that

319

00:12:02,780 --> 00:12:01,410

and that they have their great out-there

320

00:12:04,910 --> 00:12:02,790

theories that they talk about all the

321

00:12:06,940 --> 00:12:04,920

time and that led me to the skeptics

322

00:12:10,910 --> 00:12:06,950

guide to the universe which led me to

323

00:12:12,110 --> 00:12:10,920

Brian limb and also that quack cast as

324

00:12:14,590 --> 00:12:12,120

well there's another great one as well

325

00:12:16,730 --> 00:12:14,600

so it's amazing one once you get into

326

00:12:18,199 --> 00:12:16,740

podcasts where you end up

327

00:12:20,930 --> 00:12:18,209

that's that's it's very true it's very

328

00:12:22,460 --> 00:12:20,940

true man we find it up here and what do

329

00:12:24,350 --> 00:12:22,470

you make of the skeptical meeting oh

330

00:12:26,000 --> 00:12:24,360

well I was at the conference last year

331

00:12:29,240 --> 00:12:26,010

in Brisbane which is where i hailed from

332

00:12:31,430 --> 00:12:29,250

and this one certainly a bit bigger mmm

333

00:12:34,280 --> 00:12:31,440

and it's in the Masonic Temple yeah

334

00:12:35,540 --> 00:12:34,290

that's very interesting friend of mine

335

00:12:37,760 --> 00:12:35,550

got a chance to go through the Masonic

336

00:12:39,019 --> 00:12:37,770

Lodge in Brisbane a few months ago but I

337

00:12:40,850 --> 00:12:39,029

partly was out of town and listed out

338

00:12:43,730 --> 00:12:40,860

and got a very interesting brochure all

339

00:12:45,230 --> 00:12:43,740

about being a Mason wow that could be

340

00:12:47,030 --> 00:12:45,240

you you might have to shave the beard I

341

00:12:48,740 --> 00:12:47,040

think they'll our beards do they I have

342

00:12:51,260 --> 00:12:48,750

no idea I didn't they didn't go into

343

00:12:52,670 --> 00:12:51,270

personal grooming habits in the UM it's

344

00:12:54,410 --> 00:12:52,680

a recruitment thing that's why I want to

345

00:12:55,730 --> 00:12:54,420

put you off it's like the Scientologist

346

00:12:57,320 --> 00:12:55,740

won't tell you about what's his name

347

00:12:58,820 --> 00:12:57,330

then yeah the guy comes down with the

348

00:13:00,560 --> 00:12:58,830

thetans and so forth over a bit out of

349

00:13:01,790 --> 00:13:00,570

touch to that sound look I believe these

350

00:13:03,710 --> 00:13:01,800

skeptics guide the universe is on and

351

00:13:05,900 --> 00:13:03,720

they're pretty soon so I will no longer

352

00:13:07,280 --> 00:13:05,910

block your way to dunning I just gotta

353

00:13:12,290 --> 00:13:07,290

get a picture of myself with him you see

354

00:13:14,420 --> 00:13:12,300

say oh you're me to say well we're here

355

00:13:17,060 --> 00:13:14,430

at tam australian our man that I've had

356

00:13:18,230 --> 00:13:17,070

a few interactions with over the not

357

00:13:19,370 --> 00:13:18,240

only been about a year or so but I've

358

00:13:22,519 --> 00:13:19,380

been listening to his podcast for a

359

00:13:25,040 --> 00:13:22,529

while Brian Dunning from skeptic com and

360

00:13:27,110 --> 00:13:25,050

i've just been polling the people in the

361

00:13:28,760 --> 00:13:27,120

room and I was also asking him a couple

362

00:13:33,410 --> 00:13:28,770

of questions while I was at it and they

363

00:13:35,930 --> 00:13:33,420

said that two questions do you go to bed

364

00:13:38,360 --> 00:13:35,940

every night and kiss your wife goodnight

365

00:13:40,040 --> 00:13:38,370

and go I'm Brian Dunning from skepticon

366

00:13:41,630 --> 00:13:40,050

do sign off every night like that before

367

00:13:43,699 --> 00:13:41,640

you get a bit I do because that's how to

368

00:13:45,110 --> 00:13:43,709

get her motor running oh wow yeah well

369

00:13:47,269 --> 00:13:45,120

cuz you got the voice you got the

370

00:13:48,800 --> 00:13:47,279

Melissa she's making that the facial

371

00:13:51,829 --> 00:13:48,810

expression she's giving me right now was

372

00:13:53,240 --> 00:13:51,839

well worth it and look and she comes to

373

00:13:55,430 --> 00:13:53,250

all these conferences around the world

374

00:13:57,560 --> 00:13:55,440

when you go and look what's life on the

375

00:13:59,300 --> 00:13:57,570

road with dunning that the darling

376

00:14:03,920 --> 00:13:59,310

family is a bit like the partners family

377

00:14:06,530 --> 00:14:03,930

bus yes except without the without the

378

00:14:08,660 --> 00:14:06,540

the all the fun music and the ND most

379

00:14:10,340 --> 00:14:08,670

music baby colorful bus and boy

380

00:14:12,170 --> 00:14:10,350

obviously without the brain cells and

381

00:14:14,630 --> 00:14:12,180

look bully it look a lot of people who

382

00:14:17,060 --> 00:14:14,640

are suffering from jetlag and heavy

383

00:14:18,949 --> 00:14:17,070

drinking i have not had the opportunity

384

00:14:20,329 --> 00:14:18,959

to suffer from any heavy drinking and

385

00:14:21,769 --> 00:14:20,339

i'm very disappointed because they

386

00:14:23,750 --> 00:14:21,779

promised me that when i came to

387

00:14:26,480 --> 00:14:23,760

australia that would be the principal

388

00:14:28,490 --> 00:14:26,490

thesis around the event but hasn't

389

00:14:29,310 --> 00:14:28,500

materialized also you got contact so

390

00:14:32,790 --> 00:14:29,320

euro has that blue

391

00:14:34,230 --> 00:14:32,800

Brian oh I tattooed them actually you

392

00:14:36,060 --> 00:14:34,240

know they have the injectable tattoos

393

00:14:37,320 --> 00:14:36,070

and video yeah was it matches your shirt

394

00:14:39,060 --> 00:14:37,330

you've got a really blue shirt on there

395

00:14:41,040 --> 00:14:39,070

and I know for a while you've been

396

00:14:43,260 --> 00:14:41,050

trying to get a bit of a TV thing going

397

00:14:45,210 --> 00:14:43,270

there with the with the sceptile how

398

00:14:46,770 --> 00:14:45,220

hard is that because I spoke to you

399

00:14:48,960 --> 00:14:46,780

about this in the first interview in

400

00:14:50,370 --> 00:14:48,970

that the x-files which was originally

401  
00:14:51,780 --> 00:14:50,380  
going to be a documentary series anyway

402  
00:14:53,370 --> 00:14:51,790  
they want to make a spooky woo

403  
00:14:54,480 --> 00:14:53,380  
documentary series and they couldn't

404  
00:14:56,940 --> 00:14:54,490  
sell it so they had to make it a

405  
00:15:00,060 --> 00:14:56,950  
fictional woo thing right how hard is it

406  
00:15:01,530 --> 00:15:00,070  
to go and basically do a debunking show

407  
00:15:03,180 --> 00:15:01,540  
which is you kind of is what it would be

408  
00:15:04,950 --> 00:15:03,190  
yeah well you know we're going the up as

409  
00:15:07,230 --> 00:15:04,960  
a direction we started with an idea that

410  
00:15:08,940 --> 00:15:07,240  
was going to be for network TV and we

411  
00:15:10,230 --> 00:15:08,950  
found out that what the network's want

412  
00:15:12,210 --> 00:15:10,240  
is something that's basically

413  
00:15:13,890 --> 00:15:12,220

sensational they don't care what the

414

00:15:15,480 --> 00:15:13,900

quality of information is they just want

415

00:15:17,310 --> 00:15:15,490

something sensational and crazy and

416

00:15:19,530 --> 00:15:17,320

that's not the show the kind of show

417

00:15:21,990 --> 00:15:19,540

that we want so instead we're redoing it

418

00:15:23,940 --> 00:15:22,000

for Public Broadcasting because there's

419

00:15:26,040 --> 00:15:23,950

you know stands or standards of quality

420

00:15:28,230 --> 00:15:26,050

there so that would make it slightly

421

00:15:29,520 --> 00:15:28,240

more documentary and you wouldn't be

422

00:15:32,700 --> 00:15:29,530

busting into people's houses going

423

00:15:34,920 --> 00:15:32,710

you're a bad person exactly yeah okay

424

00:15:36,930 --> 00:15:34,930

now and what is your one big boob again

425

00:15:38,430 --> 00:15:36,940

now I remember you do like to take

426

00:15:40,410 --> 00:15:38,440

multivitamins when you think you're

427

00:15:42,840 --> 00:15:40,420

feeling sick which you've actually done

428

00:15:44,310 --> 00:15:42,850

a show saying isn't true yet you still

429

00:15:47,130 --> 00:15:44,320

do that Brian no no I don't do that

430

00:15:49,080 --> 00:15:47,140

anymore not not since the show not since

431

00:15:52,290 --> 00:15:49,090

the show I've forced my you know what it

432

00:15:53,790 --> 00:15:52,300

is now is these magical fruit drinks and

433

00:15:56,160 --> 00:15:53,800

supplements that are usually sold with

434

00:15:57,930 --> 00:15:56,170

multi-level marketing programs yet now

435

00:15:59,670 --> 00:15:57,940

i'm not aware of them as much here in

436

00:16:01,920 --> 00:15:59,680

australia i'm sure we do have them and

437

00:16:04,860 --> 00:16:01,930

it's is it basically a form of pyramid

438

00:16:06,540 --> 00:16:04,870

selling yes that's exactly what it is in

439

00:16:09,060 --> 00:16:06,550

the you've got to get it in early

440

00:16:10,410 --> 00:16:09,070

basically well you yeah but not even

441

00:16:12,210 --> 00:16:10,420

that so much you've got to be one of the

442

00:16:14,900 --> 00:16:12,220

original employees of the company whose

443

00:16:17,670 --> 00:16:14,910

you know at the top of the chain these

444

00:16:20,130 --> 00:16:17,680

surveys have been done and the the

445

00:16:21,390 --> 00:16:20,140

best-performing ones are still night

446

00:16:23,640 --> 00:16:21,400

more than ninety nine percent of the

447

00:16:25,680 --> 00:16:23,650

people lose money who are involved with

448

00:16:27,840 --> 00:16:25,690

them and that's the best performing

449

00:16:30,480 --> 00:16:27,850

multi-level marketing programs okay so

450

00:16:32,670 --> 00:16:30,490

when you're um pouring scorn on net on

451  
00:16:34,230 --> 00:16:32,680  
your show and your website that's going

452  
00:16:36,120 --> 00:16:34,240  
to make people that are making money

453  
00:16:37,770 --> 00:16:36,130  
from that kind of thing pretty pissed

454  
00:16:39,240 --> 00:16:37,780  
off with you well I'm not worried about

455  
00:16:40,410 --> 00:16:39,250  
that because none of them are making

456  
00:16:42,000 --> 00:16:40,420  
money from it

457  
00:16:43,650 --> 00:16:42,010  
only the feet the only people who make

458  
00:16:45,810 --> 00:16:43,660  
money are the people at the company who

459  
00:16:47,639 --> 00:16:45,820  
sell the product see they recruit you

460  
00:16:48,660 --> 00:16:47,649  
into their program and they tell you

461  
00:16:50,819 --> 00:16:48,670  
that you're starting your own business

462  
00:16:52,470 --> 00:16:50,829  
or you're now a distributor and really

463  
00:16:55,290 --> 00:16:52,480

you're just their customer you're just

464

00:16:56,759 --> 00:16:55,300

forced to buy a certain allotment of

465

00:16:58,920 --> 00:16:56,769

their product every month and it's an

466

00:17:01,139 --> 00:16:58,930

outrageously overpriced fruit drink more

467

00:17:02,670 --> 00:17:01,149

often than not or whatever it is that's

468

00:17:04,500 --> 00:17:02,680

how the program works they force you to

469

00:17:07,799 --> 00:17:04,510

be their customer and would you've

470

00:17:10,559 --> 00:17:07,809

picked the success of the power band in

471

00:17:12,539 --> 00:17:10,569

like 2010 like I'm wearing a placebo

472

00:17:14,039 --> 00:17:12,549

bantam irish so we've got a rubber thing

473

00:17:15,780 --> 00:17:14,049

you wear on your wrist that's got a

474

00:17:18,419 --> 00:17:15,790

hologram in it and people think it does

475

00:17:20,909 --> 00:17:18,429

amazing things sports people tend to go

476

00:17:22,409 --> 00:17:20,919

with them um I'm so you know I don't

477

00:17:24,480 --> 00:17:22,419

know much about skepticism but I would

478

00:17:26,939 --> 00:17:24,490

have thought that everybody by 2010

479

00:17:29,970 --> 00:17:26,949

wouldn't believe such a thing I you know

480

00:17:31,440 --> 00:17:29,980

I keep saying I keep saying nothing

481

00:17:33,390 --> 00:17:31,450

would surprise me but I'm continually

482

00:17:35,760 --> 00:17:33,400

surprised by things like this you know

483

00:17:37,740 --> 00:17:35,770

if you bother to look at their marketing

484

00:17:39,299 --> 00:17:37,750

for the for the power balance and all

485

00:17:42,120 --> 00:17:39,309

the related companies knocking them off

486

00:17:43,650 --> 00:17:42,130

they use they use a 75 year old stage

487

00:17:45,870 --> 00:17:43,660

magicians trick called applied

488

00:17:47,909 --> 00:17:45,880

kinesiology to demonstrate that it

489

00:17:50,250 --> 00:17:47,919

actually works where the stage magician

490

00:17:51,690 --> 00:17:50,260

can do some really simple tricks and

491

00:17:53,250 --> 00:17:51,700

very subtle pressure changes on your

492

00:17:55,110 --> 00:17:53,260

body to make you think you've got more

493

00:17:57,900 --> 00:17:55,120

or less strength whatever they want to

494

00:17:59,580 --> 00:17:57,910

make you think and Power Balance they

495

00:18:02,850 --> 00:17:59,590

didn't even change the name of the trick

496

00:18:05,250 --> 00:18:02,860

they call it applied kinesiology shows

497

00:18:06,860 --> 00:18:05,260

why it works it proves that it works and

498

00:18:09,270 --> 00:18:06,870

you think those sports people are

499

00:18:10,409 --> 00:18:09,280

naturally bit superstitious because it

500

00:18:12,450 --> 00:18:10,419

doesn't matter how talented you are

501  
00:18:14,669 --> 00:18:12,460  
there is an element of luck in sports

502  
00:18:16,110 --> 00:18:14,679  
sometimes that maybe they're more prone

503  
00:18:17,789 --> 00:18:16,120  
to believing in this sort of thing the

504  
00:18:20,310 --> 00:18:17,799  
professional athletes you see wearing

505  
00:18:22,500 --> 00:18:20,320  
they are paid to wear them I don't I'm

506  
00:18:24,180 --> 00:18:22,510  
not aware of any professional athletes

507  
00:18:25,830 --> 00:18:24,190  
that use them because they think they

508  
00:18:27,750 --> 00:18:25,840  
work however I know plenty of just

509  
00:18:28,950 --> 00:18:27,760  
regular athletes who are I've got I play

510  
00:18:30,450 --> 00:18:28,960  
volleyball and in a lot of Southern

511  
00:18:31,860 --> 00:18:30,460  
California volleyball players you see

512  
00:18:35,880 --> 00:18:31,870  
these power balance bands all over the

513  
00:18:37,320 --> 00:18:35,890

place now now so you you out so if you

514

00:18:38,640 --> 00:18:37,330

run out of things yet how many episodes

515

00:18:40,980 --> 00:18:38,650

of skipped out of you dumb broad I

516

00:18:42,600 --> 00:18:40,990

believe two hundred and thirty-four

517

00:18:44,370 --> 00:18:42,610

thirty-five will beat on to get arrested

518

00:18:45,270 --> 00:18:44,380

when the brine but get over it man move

519

00:18:51,010 --> 00:18:45,280

on

520

00:18:52,390 --> 00:18:51,020

people send them to me far faster than

521

00:18:55,180 --> 00:18:52,400

I'll ever be able to keep up with it and

522

00:18:56,680 --> 00:18:55,190

you have people to do research for you

523

00:18:58,000 --> 00:18:56,690

for free because they love doing it uni

524

00:18:59,890 --> 00:18:58,010

students and that kind of stuff that

525

00:19:02,890 --> 00:18:59,900

must be helpful but still you've got

526  
00:19:06,070 --> 00:19:02,900  
accolade at all yeah well actually I the

527  
00:19:07,600 --> 00:19:06,080  
assistance that I have they look up

528  
00:19:09,160 --> 00:19:07,610  
further reading suggestions for past

529  
00:19:10,900 --> 00:19:09,170  
episodes they don't help with with

530  
00:19:12,850 --> 00:19:10,910  
research on current episodes I do have a

531  
00:19:15,070 --> 00:19:12,860  
google group that I'll send an email to

532  
00:19:17,140 --> 00:19:15,080  
when I have a specific question I can't

533  
00:19:18,430 --> 00:19:17,150  
find buy use that maybe once or twice a

534  
00:19:20,799 --> 00:19:18,440  
month it's not something I use very

535  
00:19:22,240 --> 00:19:20,809  
often now in the skeptical community

536  
00:19:23,770 --> 00:19:22,250  
which I'm learning more about all the

537  
00:19:26,140 --> 00:19:23,780  
time and I don't consider myself much of

538  
00:19:28,330 --> 00:19:26,150

a skeptic cuz you know I kind of believe

539

00:19:30,039 --> 00:19:28,340

in UFOs of it Brian you know I kind of

540

00:19:31,060 --> 00:19:30,049

think that there might be a dimension

541

00:19:32,260 --> 00:19:31,070

that they're moving through and it's

542

00:19:33,909 --> 00:19:32,270

just something we see from time to time

543

00:19:36,520 --> 00:19:33,919

I know statistically that's almost

544

00:19:40,360 --> 00:19:36,530

impossible but you know um to begrudge

545

00:19:42,430 --> 00:19:40,370

me that you know that's that's among the

546

00:19:44,500 --> 00:19:42,440

least harmful beliefs everyone believes

547

00:19:46,570 --> 00:19:44,510

something weird everyone believes

548

00:19:50,200 --> 00:19:46,580

something that's not proven by evidence

549

00:19:52,330 --> 00:19:50,210

I'm sure myself included and most of the

550

00:19:54,490 --> 00:19:52,340

time it's completely harmless I mean

551  
00:19:55,930 --> 00:19:54,500  
yeah if I acted upon it like you know I

552  
00:19:58,120 --> 00:19:55,940  
thought they were coming to get me and I

553  
00:19:59,919 --> 00:19:58,130  
was making plans about my life that

554  
00:20:01,870 --> 00:19:59,929  
would not be a good thing but you know i

555  
00:20:03,789 --> 00:20:01,880  
just find it an interesting intellectual

556  
00:20:06,340 --> 00:20:03,799  
exercise yeah well you see the thing is

557  
00:20:08,260 --> 00:20:06,350  
that it's a pattern of thought where you

558  
00:20:09,789 --> 00:20:08,270  
say when you start to believe anything

559  
00:20:11,950 --> 00:20:09,799  
that you hear in the in the popular

560  
00:20:13,419 --> 00:20:11,960  
media without re-examining it critically

561  
00:20:14,980 --> 00:20:13,429  
it's a that's a whole pattern of thought

562  
00:20:17,110 --> 00:20:14,990  
that can lead to other problems because

563  
00:20:18,400 --> 00:20:17,120

now you might be susceptible well you

564

00:20:20,049 --> 00:20:18,410

might be tricked into buying one of

565

00:20:22,090 --> 00:20:20,059

these power balance bands for example

566

00:20:23,289 --> 00:20:22,100

you might you might be tricked into

567

00:20:25,090 --> 00:20:23,299

using some sort of an alternative

568

00:20:26,680 --> 00:20:25,100

therapy that when you get ill that's

569

00:20:28,870 --> 00:20:26,690

going to do nothing for you except

570

00:20:30,580 --> 00:20:28,880

lighten your wallet there's all kinds of

571

00:20:33,250 --> 00:20:30,590

things that people are susceptible to

572

00:20:35,680 --> 00:20:33,260

all kinds of marketing etc etc if they

573

00:20:36,940 --> 00:20:35,690

don't think critically and when I spoke

574

00:20:39,820 --> 00:20:36,950

to you earlier in the year we spoke

575

00:20:42,880 --> 00:20:39,830

about atheism and you think most

576

00:20:45,070 --> 00:20:42,890

skeptics are actually atheists or not in

577

00:20:47,590 --> 00:20:45,080

my experience yeah the vast majority are

578

00:20:49,450 --> 00:20:47,600

and there's a lot there's a lot of

579

00:20:53,290 --> 00:20:49,460

crossover between the Atheist community

580

00:20:54,490 --> 00:20:53,300

and the skeptical community I hate to

581

00:20:55,570 --> 00:20:54,500

use the word community because it makes

582

00:20:57,730 --> 00:20:55,580

us sound like a cult

583

00:20:59,320 --> 00:20:57,740

you know basically scientific skepticism

584

00:21:00,940 --> 00:20:59,330

is looking at things like this power

585

00:21:03,340 --> 00:21:00,950

balance and these bizarre claims that

586

00:21:04,870 --> 00:21:03,350

are in pop culture and atheist activism

587

00:21:06,430 --> 00:21:04,880

is about telling people that their gods

588

00:21:09,970 --> 00:21:06,440

not real those are two different things

589

00:21:12,100 --> 00:21:09,980

in my opinion mmm and yeah and also you

590

00:21:13,570 --> 00:21:12,110

know you can piss people off when you

591

00:21:17,410 --> 00:21:13,580

tell them that their deity doesn't exist

592

00:21:19,690 --> 00:21:17,420

as well oh sure um I you know I I like

593

00:21:22,210 --> 00:21:19,700

to I like to pick my battles and I don't

594

00:21:24,130 --> 00:21:22,220

want to turn off most of my audience by

595

00:21:26,160 --> 00:21:24,140

saying first in order to listen to me

596

00:21:28,840 --> 00:21:26,170

you've got to hate religious people I

597

00:21:31,360 --> 00:21:28,850

don't do that i know a lot of other a

598

00:21:32,950 --> 00:21:31,370

lot of other skeptical outreach

599

00:21:35,440 --> 00:21:32,960

professionals they do do that they

600

00:21:38,830 --> 00:21:35,450

conflate atheism with skepticism and

601  
00:21:40,030 --> 00:21:38,840  
that's not the way I roll hmm and what

602  
00:21:42,550 --> 00:21:40,040  
do you reckon to the chances of this

603  
00:21:44,530 --> 00:21:42,560  
show getting picked up his TV show you

604  
00:21:46,810 --> 00:21:44,540  
know I don't think they're half bad dr.

605  
00:21:49,060 --> 00:21:46,820  
Pamela gay who's our grant writer she

606  
00:21:50,920 --> 00:21:49,070  
keeps us in check with very realistic

607  
00:21:52,720 --> 00:21:50,930  
expectations for how likely it is to get

608  
00:21:54,760 --> 00:21:52,730  
any of these specific federal grants

609  
00:21:56,950 --> 00:21:54,770  
that were going after but I'm really

610  
00:21:58,510 --> 00:21:56,960  
optimistic also I spent a lot of money

611  
00:22:00,340 --> 00:21:58,520  
personally making the pilot so I'm

612  
00:22:02,020 --> 00:22:00,350  
telling myself that I'm optimistic yeah

613  
00:22:03,640 --> 00:22:02,030

and how many pilots is that you've made

614

00:22:04,930 --> 00:22:03,650

now like as someone who's the better and

615

00:22:06,580 --> 00:22:04,940

the banking lots of pilots have never

616

00:22:08,260 --> 00:22:06,590

got picked up bum I know how

617

00:22:13,150 --> 00:22:08,270

disappointing it can be has it been for

618

00:22:14,800 --> 00:22:13,160

you as I mean cuz you go well so so far

619

00:22:16,180 --> 00:22:14,810

that's the only that's the only pilot

620

00:22:19,210 --> 00:22:16,190

that I've been involved in one that I

621

00:22:21,610 --> 00:22:19,220

had to pay for and make myself but I

622

00:22:22,870 --> 00:22:21,620

will gladly take any other offers that

623

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

come my way because I'd love for

624

00:22:26,590 --> 00:22:24,890

something to stick to the wall well yeah

625

00:22:28,720 --> 00:22:26,600

cuz I gotta say I wouldn't imagine you'd

626

00:22:30,520 --> 00:22:28,730

be that like what's your principal

627

00:22:32,290 --> 00:22:30,530

income I mean I couldn't imagine that is

628

00:22:34,180 --> 00:22:32,300

kept toward your principal income i mean

629

00:22:35,470 --> 00:22:34,190

i did did everybody jump or somewhere

630

00:22:37,330 --> 00:22:35,480

bryan oh I don't want to see a bank

631

00:22:39,250 --> 00:22:37,340

account but I just I just think yeah I

632

00:22:41,230 --> 00:22:39,260

don't know too many people that survive

633

00:22:42,850 --> 00:22:41,240

on their podcast yeah no that's that's

634

00:22:45,670 --> 00:22:42,860

that's true it's most of my time and

635

00:22:47,350 --> 00:22:45,680

almost none of my income I'm my

636

00:22:49,870 --> 00:22:47,360

backgrounds in computer science and I

637

00:22:51,130 --> 00:22:49,880

still have some some leftover computer

638

00:22:53,110 --> 00:22:51,140

science work that I do some consulting

639

00:22:56,620 --> 00:22:53,120

and so forth hey you amuse though as

640

00:22:58,360 --> 00:22:56,630

well not really i've got i've got an old

641

00:23:01,960 --> 00:22:58,370

synthesizer in my closet that I played a

642

00:23:03,520 --> 00:23:01,970

lot in college everyone with a lot of

643

00:23:04,990 --> 00:23:03,530

things in college you know I mean that's

644

00:23:07,300 --> 00:23:05,000

good to see you've still got up there

645

00:23:07,710 --> 00:23:07,310

and how does your long-suffering family

646

00:23:10,680 --> 00:23:07,720

put up

647

00:23:12,270 --> 00:23:10,690

with dad the skeptic Oh duck kids know

648

00:23:14,010 --> 00:23:12,280

that that's not based in science don't

649

00:23:16,440 --> 00:23:14,020

do that and thanks dad you just ruined

650

00:23:18,090 --> 00:23:16,450

us our friends think we're uncool now oh

651  
00:23:21,210 --> 00:23:18,100  
yeah how does the family handle it they

652  
00:23:22,830 --> 00:23:21,220  
love it and actually all my kids when

653  
00:23:24,810 --> 00:23:22,840  
they play the podcast for their friends

654  
00:23:26,970 --> 00:23:24,820  
their friends love it too so it it goes

655  
00:23:28,860 --> 00:23:26,980  
over very very well and I must thank you

656  
00:23:30,750 --> 00:23:28,870  
for doing a message for me when I did

657  
00:23:32,730 --> 00:23:30,760  
skeptics in the pub view you gave you

658  
00:23:34,620 --> 00:23:32,740  
gave a warning to everybody and I was

659  
00:23:36,870 --> 00:23:34,630  
able to find some pictures online of you

660  
00:23:38,220 --> 00:23:36,880  
busting a move in a lobby somewhere a

661  
00:23:40,140 --> 00:23:38,230  
conference you're doing these really

662  
00:23:42,419 --> 00:23:40,150  
wild dance moves they're on there on

663  
00:23:44,279 --> 00:23:42,429

google just put brian dunning dancing in

664

00:23:46,470 --> 00:23:44,289

and there's you in a foia doing all

665

00:23:48,510 --> 00:23:46,480

these really wild moves that terrifies

666

00:23:50,310 --> 00:23:48,520

me I have no idea what I think you some

667

00:23:52,080 --> 00:23:50,320

dragon con or something ah well I

668

00:23:54,750 --> 00:23:52,090

wouldn't surprise me at all in that case

669

00:23:56,070 --> 00:23:54,760

yeah I can con who knows now here's your

670

00:23:57,570 --> 00:23:56,080

chance to get your message out to the

671

00:23:59,490 --> 00:23:57,580

world you know what do you reckon people

672

00:24:00,899 --> 00:23:59,500

should keep an eye out for what's the

673

00:24:02,100 --> 00:24:00,909

latest word that's come along with just

674

00:24:03,779 --> 00:24:02,110

around the corner that we might not a

675

00:24:05,640 --> 00:24:03,789

spotted yet you know that's the thing

676

00:24:07,380 --> 00:24:05,650

take a look next time you're out in the

677

00:24:09,450 --> 00:24:07,390

street reading a magazine looking at

678

00:24:10,860 --> 00:24:09,460

signs on the street whatever it is take

679

00:24:12,810 --> 00:24:10,870

a look and see what's what people are

680

00:24:15,240 --> 00:24:12,820

promoting see if you can find something

681

00:24:17,610 --> 00:24:15,250

that may not necessarily have any

682

00:24:19,409 --> 00:24:17,620

science behind it it's much more

683

00:24:21,299 --> 00:24:19,419

prolific than you think you just have to

684

00:24:23,190 --> 00:24:21,309

be aware and keep an eye out for it once

685

00:24:25,470 --> 00:24:23,200

you do that you're going to find out

686

00:24:27,210 --> 00:24:25,480

that there's really fascinating science

687

00:24:28,680 --> 00:24:27,220

behind really fascinating things and

688

00:24:30,419 --> 00:24:28,690

that's what I love to bring to people

689

00:24:31,860 --> 00:24:30,429

with my show can you do your sign-off

690

00:24:33,899 --> 00:24:31,870

man because you've got to do this on or

691

00:24:36,690 --> 00:24:33,909

not and I'm sure you know when you kiss

692

00:24:39,390 --> 00:24:36,700

you wife goodnight you go do it gone

693

00:24:44,880 --> 00:24:39,400

you're listening to scape tied i'm brian

694

00:24:49,000 --> 00:24:46,840

look I'm just talking with one of the

695

00:24:52,330 --> 00:24:49,010

skeptics guide to the universe we have

696

00:24:54,940 --> 00:24:52,340

this is jay jay and look usual for Big

697

00:24:56,620 --> 00:24:54,950

Pharma I absolutely have yeah great cuz

698

00:24:58,150 --> 00:24:56,630

i'd like some dex amphetamine and a

699

00:24:59,049 --> 00:24:58,160

bucket of ritalin to take away you got

700

00:25:00,669 --> 00:24:59,059

that kind of stuff at the back there

701  
00:25:02,260 --> 00:25:00,679  
yeah I got it in the hotel room was just

702  
00:25:04,750 --> 00:25:02,270  
talking to pop over there and I get it

703  
00:25:05,919 --> 00:25:04,760  
you know I love big farm on that if I've

704  
00:25:07,060 --> 00:25:05,929  
run into a shield it's great i know

705  
00:25:08,289 --> 00:25:07,070  
they're going to have that kind of stuff

706  
00:25:10,360 --> 00:25:08,299  
lying around and i don't know why people

707  
00:25:12,640 --> 00:25:10,370  
give it a bad rap well I'll tell you

708  
00:25:14,710 --> 00:25:12,650  
what look the bottom line is Big Pharma

709  
00:25:17,890 --> 00:25:14,720  
exists everybody everybody's buying

710  
00:25:20,770 --> 00:25:17,900  
medication were very medicated society

711  
00:25:21,940 --> 00:25:20,780  
and that we've admitted on the show but

712  
00:25:24,340 --> 00:25:21,950  
we know that there are things that big

713  
00:25:25,780 --> 00:25:24,350

farmer does that uh that sometimes the

714

00:25:27,190 --> 00:25:25,790

enemy found that refreshing you

715

00:25:28,659 --> 00:25:27,200

interviewing who was the other week who

716

00:25:31,030 --> 00:25:28,669

was saying that i'm not sure i can't

717

00:25:33,190 --> 00:25:31,040

remember i'm sorry i'm incredibly gentle

718

00:25:35,440 --> 00:25:33,200

ahead it was mainly a and he was saying

719

00:25:37,750 --> 00:25:35,450

regulations the problem yeah yeah

720

00:25:38,980 --> 00:25:37,760

absolutely yeah you know any big

721

00:25:40,120 --> 00:25:38,990

corporation i don't care what you're

722

00:25:42,190 --> 00:25:40,130

selling it doesn't you know it's not

723

00:25:44,289 --> 00:25:42,200

anything to do just medication has to do

724

00:25:46,120 --> 00:25:44,299

with every big company the regulations

725

00:25:48,100 --> 00:25:46,130

are there in the regulations are there

726  
00:25:49,720 --> 00:25:48,110  
for a reason because big companies tend

727  
00:25:51,340 --> 00:25:49,730  
to continue to want to grow and make

728  
00:25:53,710 --> 00:25:51,350  
more money and take advantage of

729  
00:25:55,419 --> 00:25:53,720  
opportunity so why wouldn't big pharma

730  
00:25:57,159 --> 00:25:55,429  
do it they do but that's why we do have

731  
00:25:59,530 --> 00:25:57,169  
regulations and they do get caught doing

732  
00:26:01,480 --> 00:25:59,540  
things that we do talk about it now you

733  
00:26:03,280 --> 00:26:01,490  
are caught doing things and you're well

734  
00:26:05,140 --> 00:26:03,290  
you were bigger than big pharma doing a

735  
00:26:07,480 --> 00:26:05,150  
skeptic's guide the universe live in

736  
00:26:09,610 --> 00:26:07,490  
front of three million people in the

737  
00:26:11,380 --> 00:26:09,620  
Masonic Temple of Sydney had that film

738  
00:26:13,570 --> 00:26:11,390

it was great yeah the audience was great

739

00:26:15,310 --> 00:26:13,580

was a really good vibe in the room I

740

00:26:17,320 --> 00:26:15,320

seem like everybody had a good time but

741

00:26:19,150 --> 00:26:17,330

we loved it when our live shows anything

742

00:26:20,380 --> 00:26:19,160

missing because it was a Masonic Temple

743

00:26:22,510 --> 00:26:20,390

and you would get the flintstone

744

00:26:24,190 --> 00:26:22,520

reference a grand pooh-bah hat you know

745

00:26:25,270 --> 00:26:24,200

the big pat with the horn someone should

746

00:26:28,210 --> 00:26:25,280

have had that yeah but those aren't

747

00:26:30,460 --> 00:26:28,220

actually Mason's those are yeah those

748

00:26:33,430 --> 00:26:30,470

are not like an offshoot order the

749

00:26:35,230 --> 00:26:33,440

Buffalo those are the Shriners I think

750

00:26:36,700 --> 00:26:35,240

we're going to see we get confused we

751

00:26:38,320 --> 00:26:36,710

see you Americans doing stuff we just

752

00:26:39,880 --> 00:26:38,330

think you all do it and I'd like you

753

00:26:41,890 --> 00:26:39,890

think we all have big spiders around the

754

00:26:44,620 --> 00:26:41,900

house well I got to tell you though I

755

00:26:46,960 --> 00:26:44,630

saw a giant spider at the Botanical

756

00:26:49,060 --> 00:26:46,970

Gardens and it was bigger than it was a

757

00:26:50,440 --> 00:26:49,070

mobile not have an African one bak well

758

00:26:52,030 --> 00:26:50,450

it wasn't it wasn't poison somebody

759

00:26:53,500 --> 00:26:52,040

walked by I said it wasn't places but

760

00:26:54,570 --> 00:26:53,510

you know they're intimidating I don't

761

00:26:57,299 --> 00:26:54,580

like big splash

762

00:26:59,009 --> 00:26:57,309

what you in Iraq mofo no definitely not

763

00:27:00,659 --> 00:26:59,019

but it you know anything anything big

764

00:27:01,889 --> 00:27:00,669

with big claws like they're big those

765

00:27:03,450 --> 00:27:01,899

big spider teeth I don't wanna have

766

00:27:04,799 --> 00:27:03,460

anything to do with it look now you can

767

00:27:06,000 --> 00:27:04,809

have a lie-down you've got the big party

768

00:27:08,820 --> 00:27:06,010

on the boat tonight yeah are you gonna

769

00:27:10,230 --> 00:27:08,830

be there well no I'm i was invited to

770

00:27:12,060 --> 00:27:10,240

play the part of Captain Stubing on the

771

00:27:13,259 --> 00:27:12,070

boat but I I thought no no so people

772

00:27:15,060 --> 00:27:13,269

remember what happens on the boat stays

773

00:27:16,680 --> 00:27:15,070

on the boat that's right you got it I'll

774

00:27:18,149 --> 00:27:16,690

be talk to you guys tomorrow and great

775

00:27:20,159 --> 00:27:18,159

to see you here and do you think you'll

776

00:27:21,659 --> 00:27:20,169

ever lose most of your life and travel

777

00:27:23,970 --> 00:27:21,669

to Australia again on the plan for that

778

00:27:25,350 --> 00:27:23,980

long definitely I think maybe about two

779

00:27:26,610 --> 00:27:25,360

years I think we'll do it again wow

780

00:27:31,560 --> 00:27:26,620

that's great see then thank you very

781

00:27:33,090 --> 00:27:31,570

much well ladies and gentlemen no doubt

782

00:27:34,889 --> 00:27:33,100

all of you out there have a power

783

00:27:37,200 --> 00:27:34,899

balance band and you've noticed how has

784

00:27:38,970 --> 00:27:37,210

changed your life beyond belief I've got

785

00:27:41,039 --> 00:27:38,980

some guys here that are from a place far

786

00:27:43,950 --> 00:27:41,049

far away that you will probably never

787

00:27:46,230 --> 00:27:43,960

visit Western Australia and they've done

788

00:27:48,060 --> 00:27:46,240

the placebo band which I have a couple

789

00:27:49,590 --> 00:27:48,070

of them I've got I'm wearing three and

790

00:27:51,299 --> 00:27:49,600

only two of them on my wrists hi guys

791

00:27:53,190 --> 00:27:51,309

how are you odeon added tell us who you

792

00:27:55,500 --> 00:27:53,200

I'm Tom Cotter and there's my brother

793

00:27:58,379 --> 00:27:55,510

Nick creature hello and Nick's got the

794

00:28:00,269 --> 00:27:58,389

pork pie look he's got the the specials

795

00:28:01,950 --> 00:28:00,279

look from the early eighties they're not

796

00:28:03,480 --> 00:28:01,960

quite scar but it so it's got a star

797

00:28:06,060 --> 00:28:03,490

look it's scar mixed with a bit of Billy

798

00:28:09,330 --> 00:28:06,070

Joel look you got going there yeah it's

799

00:28:11,639 --> 00:28:09,340

covering up my scars right and can we

800

00:28:14,810 --> 00:28:11,649

have a comment on my t-shirt I was

801  
00:28:19,669 --> 00:28:14,820  
trying to think of one um it's it's

802  
00:28:23,250 --> 00:28:19,679  
scary and babyish all at once that I

803  
00:28:24,570 --> 00:28:23,260  
don't go flagging and failing I try and

804  
00:28:26,370 --> 00:28:24,580  
get a reaction out of the skeptics by

805  
00:28:28,500 --> 00:28:26,380  
putting my hand up for UFOs yesterday

806  
00:28:31,019 --> 00:28:28,510  
only person in the room and wearing a

807  
00:28:32,159 --> 00:28:31,029  
spice girls t-shirt the next day what

808  
00:28:38,430 --> 00:28:32,169  
are you going to get a rise out of you

809  
00:28:41,279 --> 00:28:38,440  
people do it look let's stick to the

810  
00:28:43,860 --> 00:28:41,289  
topic here now why did you decide to do

811  
00:28:45,629 --> 00:28:43,870  
your own placebo bands I mean I mean I I

812  
00:28:46,889 --> 00:28:45,639  
see lots of dumb ideas every day but i

813  
00:28:48,320 --> 00:28:46,899

don't i don't give out and manufacture

814

00:28:50,430 --> 00:28:48,330

my own version

815

00:28:54,450 --> 00:28:50,440

probably because we were a little bit

816

00:28:55,650 --> 00:28:54,460

done no it was something we wanted to we

817

00:28:57,510 --> 00:28:55,660

that we didn't want to do a podcast

818

00:28:59,550 --> 00:28:57,520

because there's plenty of them and

819

00:29:01,350 --> 00:28:59,560

they're done really well we wanted to

820

00:29:03,480 --> 00:29:01,360

get something together we're really lazy

821

00:29:06,720 --> 00:29:03,490

bloggers and this seemed like a good

822

00:29:08,610 --> 00:29:06,730

idea at the time Nick found out how much

823

00:29:10,860 --> 00:29:08,620

it would cost us to do and it seemed

824

00:29:12,330 --> 00:29:10,870

feasible so we did it and what's been

825

00:29:14,940 --> 00:29:12,340

the reaction to having a placebo bands

826

00:29:16,950 --> 00:29:14,950

because it still look even because I'm

827

00:29:20,250 --> 00:29:16,960

like you know a para skeptic I'm the

828

00:29:21,420 --> 00:29:20,260

Dulce skeptic but even to me in the 21st

829

00:29:23,100 --> 00:29:21,430

century the fact that you could wear a

830

00:29:24,330 --> 00:29:23,110

rubber thing on your wrist with some

831

00:29:25,950 --> 00:29:24,340

sort of hologram like we have on our

832

00:29:27,660 --> 00:29:25,960

money in which case we should all be

833

00:29:29,880 --> 00:29:27,670

lucky just as Holograms are their money

834

00:29:31,950 --> 00:29:29,890

that someone will fall for that so I

835

00:29:34,110 --> 00:29:31,960

mean yeah you guys must thought hey

836

00:29:36,480 --> 00:29:34,120

there's fields wide open here yeah it

837

00:29:39,420 --> 00:29:36,490

was pretty much an easy target pretty

838

00:29:41,880 --> 00:29:39,430

easy to do as well approach probably the

839

00:29:43,680 --> 00:29:41,890

same manufacturer so they already had

840

00:29:45,390 --> 00:29:43,690

made we got him changed a little bit so

841

00:29:47,670 --> 00:29:45,400

that they were honest and truthful and

842

00:29:50,400 --> 00:29:47,680

said placebo instead of power and

843

00:29:52,740 --> 00:29:50,410

balance and then that's basically it and

844

00:29:54,240 --> 00:29:52,750

they've taken off skeptics everywhere

845

00:29:57,810 --> 00:29:54,250

from all around the world or ordering

846

00:29:59,430 --> 00:29:57,820

them i have had sleepless nights putting

847

00:30:00,840 --> 00:29:59,440

in them into little postage packs and

848

00:30:03,900 --> 00:30:00,850

sending them off everywhere filling out

849

00:30:05,820 --> 00:30:03,910

all the forms and it's been great it's

850

00:30:07,020 --> 00:30:05,830

been great but I do want my life back so

851

00:30:09,560 --> 00:30:07,030

now tom is going to have to fill out all

852

00:30:13,110 --> 00:30:09,570

the forms so how many of you solved

853

00:30:16,620 --> 00:30:13,120

we're on to our third batch of we were

854

00:30:18,240 --> 00:30:16,630

going to initially try and get like 500

855

00:30:20,190 --> 00:30:18,250

and then the factory said you had to

856

00:30:22,920 --> 00:30:20,200

have a thousand so we got a thousand and

857

00:30:26,340 --> 00:30:22,930

we managed to get those skeptics to take

858

00:30:29,610 --> 00:30:26,350

some which was nice and then we're up to

859

00:30:32,070 --> 00:30:29,620

our third batch of a thousand so we are

860

00:30:36,300 --> 00:30:32,080

actually we have sold a total of around

861

00:30:38,610 --> 00:30:36,310

2,600 already including 800 special Tam

862

00:30:41,820 --> 00:30:38,620

Australia 2010 ones that have been given

863

00:30:43,650 --> 00:30:41,830

out here at 10 and we got another 1600

864

00:30:46,200 --> 00:30:43,660

on the way now that that may be the last

865

00:30:49,200 --> 00:30:46,210

run we do but we'll see how it goes if

866

00:30:51,210 --> 00:30:49,210

the demand is there I guess we will try

867

00:30:52,710 --> 00:30:51,220

to provide so you've covered your costs

868

00:30:54,210 --> 00:30:52,720

and what are you doing with the profits

869

00:30:55,260 --> 00:30:54,220

I imagine being skeptics you're probably

870

00:30:58,770 --> 00:30:55,270

drinking it

871

00:31:00,120 --> 00:30:58,780

yeah no actually we put the word out we

872

00:31:03,080 --> 00:31:00,130

didn't have any ideas what we were going

873

00:31:06,780 --> 00:31:03,090

to do with it we just said I'll we don't

874

00:31:10,170 --> 00:31:06,790

have take suggestions and so we done it

875

00:31:12,840 --> 00:31:10,180

so hook is and blow never came up it did

876

00:31:15,660 --> 00:31:12,850

but we didn't we put it to a vote you

877

00:31:17,220 --> 00:31:15,670

know we didn't tell anyone yes it didn't

878

00:31:19,860 --> 00:31:17,230

get past the line on a vote basis

879

00:31:23,970 --> 00:31:19,870

unfortunately no we have managed to

880

00:31:26,880 --> 00:31:23,980

donate 500 us to rotary's polio

881

00:31:29,100 --> 00:31:26,890

eradicate polio campaign campaign which

882

00:31:31,860 --> 00:31:29,110

was cool what we do the next little bit

883

00:31:33,750 --> 00:31:31,870

of profits because we're only making a

884

00:31:36,900 --> 00:31:33,760

little bit just around just for rounding

885

00:31:38,220 --> 00:31:36,910

and stuff we don't know we just sort of

886

00:31:40,170 --> 00:31:38,230

donate to who we feel like whoever's a

887

00:31:41,940 --> 00:31:40,180

well good cause well what I like is

888

00:31:45,170 --> 00:31:41,950

being skeptic sure you're donating to a

889

00:31:48,150 --> 00:31:45,180

pro vaccination clause yes yes yes

890

00:31:49,470 --> 00:31:48,160

that's what that that's what the yes I

891

00:31:51,300 --> 00:31:49,480

think it was all the guys from the stop

892

00:31:54,360 --> 00:31:51,310

avn got on our website and said please

893

00:31:55,920 --> 00:31:54,370

donate to this so when I go now let's do

894

00:31:58,290 --> 00:31:55,930

the plug work in the guy where can we

895

00:32:00,200 --> 00:31:58,300

listen to your podcast or your blog what

896

00:32:03,720 --> 00:32:00,210

do you got out there okay it's at

897

00:32:05,520 --> 00:32:03,730

skeptic bros calm and there's links to

898

00:32:06,840 --> 00:32:05,530

the store there's links to the blog

899

00:32:08,850 --> 00:32:06,850

although we haven't put anything on the

900

00:32:11,570 --> 00:32:08,860

blog for a while and you can catch us on

901  
00:32:15,480 --> 00:32:11,580  
facebook if you look for placebo band

902  
00:32:18,090 --> 00:32:15,490  
yeah there's lots of stuff on there it's

903  
00:32:19,920 --> 00:32:18,100  
right now something I've been asking all

904  
00:32:21,540 --> 00:32:19,930  
the skeptics here most will end up on

905  
00:32:23,400 --> 00:32:21,550  
the cutting room floor because it's been

906  
00:32:25,350 --> 00:32:23,410  
asking so many people what is the

907  
00:32:27,270 --> 00:32:25,360  
particular whew that that really gets

908  
00:32:28,740 --> 00:32:27,280  
you guys bird up obviously the power

909  
00:32:29,910 --> 00:32:28,750  
balance BAM is one of them and the fact

910  
00:32:32,430 --> 00:32:29,920  
that people who wear something on their

911  
00:32:34,470 --> 00:32:32,440  
wrists and be more powerful as skeptics

912  
00:32:35,880 --> 00:32:34,480  
when you see something the thing you got

913  
00:32:38,550 --> 00:32:35,890

to really hold yourself back from being

914

00:32:42,670 --> 00:32:38,560

rude about busting pregnant mare you're

915

00:32:50,750 --> 00:32:46,430

no yeah yeah well we're thinking about

916

00:32:53,560 --> 00:32:50,760

looking into a bit more a lot of

917

00:32:57,110 --> 00:32:53,570

skeptics tough concentrates on human

918

00:33:00,440 --> 00:32:57,120

things but there's a lot of animal were

919

00:33:01,970 --> 00:33:00,450

out there and there's just as many

920

00:33:03,620 --> 00:33:01,980

treatments for animals deserts for

921

00:33:05,870 --> 00:33:03,630

people so I'm gonna have a squid at that

922

00:33:07,250 --> 00:33:05,880

maybe a bit later but we're gonna do

923

00:33:09,230 --> 00:33:07,260

heaps of different understand so you

924

00:33:11,090 --> 00:33:09,240

might get into the psychic pet stuff and

925

00:33:12,740 --> 00:33:11,100

you might get into the Fuller's

926  
00:33:14,870 --> 00:33:12,750  
homeopathy for animals they've got that

927  
00:33:16,730 --> 00:33:14,880  
going and the people that and people

928  
00:33:19,580 --> 00:33:16,740  
that it's not of it and there's not even

929  
00:33:21,830 --> 00:33:19,590  
psychiatry for animals it's white people

930  
00:33:23,270 --> 00:33:21,840  
can read that like is a telepathic or

931  
00:33:25,580 --> 00:33:23,280  
what are these people do they go to your

932  
00:33:29,690 --> 00:33:25,590  
animal they can tell what it's uh yeah

933  
00:33:31,700 --> 00:33:29,700  
that's pretty weird so there's people

934  
00:33:33,320 --> 00:33:31,710  
that can do they like the Leonard Nimoy

935  
00:33:35,930 --> 00:33:33,330  
they can do a mind-meld with your cat

936  
00:33:38,270 --> 00:33:35,940  
yeah yeah and you know the cat will come

937  
00:33:40,540 --> 00:33:38,280  
in and say I'm hungry and I need to

938  
00:33:43,400 --> 00:33:40,550

sleep now thanks who would have thought

939

00:33:45,230 --> 00:33:43,410

and you also feel that the animal was

940

00:33:50,960 --> 00:33:45,240

should be investigated I might leave

941

00:33:53,030 --> 00:33:50,970

that up to tom look what really you got

942

00:33:55,010 --> 00:33:53,040

the Hat you could easily be from the no

943

00:33:56,810 --> 00:33:55,020

agenda agency with that hat if you

944

00:33:58,520 --> 00:33:56,820

walked in and said I'm on a mission from

945

00:33:59,660 --> 00:33:58,530

adam curry and john c Dvorak people just

946

00:34:01,490 --> 00:33:59,670

throw their hands in the air and go what

947

00:34:03,590 --> 00:34:01,500

do you want because the Hat you've got

948

00:34:05,660 --> 00:34:03,600

it if the eye hat does open many doors

949

00:34:07,400 --> 00:34:05,670

and sometimes secret doors that I didn't

950

00:34:09,230 --> 00:34:07,410

even know existed and by the way we do

951  
00:34:11,810 --> 00:34:09,240  
have to no agenda shirtlessness here

952  
00:34:14,120 --> 00:34:11,820  
that I was kind of bumped into there now

953  
00:34:16,280 --> 00:34:14,130  
like myself I find that you know they're

954  
00:34:17,750 --> 00:34:16,290  
out there and that like that and like

955  
00:34:19,430 --> 00:34:17,760  
skip the start of the universe I

956  
00:34:21,530 --> 00:34:19,440  
listened to both of them and get really

957  
00:34:25,010 --> 00:34:21,540  
confused but I enjoyed the confusion yes

958  
00:34:26,930 --> 00:34:25,020  
yes that's oh I do enjoy that now it

959  
00:34:29,690 --> 00:34:26,940  
took me a long while to listen to my

960  
00:34:31,820 --> 00:34:29,700  
first no agenda podcast I think they

961  
00:34:33,230 --> 00:34:31,830  
what are they run for 23 hours yeah

962  
00:34:34,520 --> 00:34:33,240  
we'll do that they get on them bandits

963  
00:34:35,990 --> 00:34:34,530

least an hour and a half and they did

964

00:34:38,389 --> 00:34:36,000

they do it twice a week and look you

965

00:34:40,010 --> 00:34:38,399

know and what they what they do is like

966

00:34:42,139 --> 00:34:40,020

nothing to do with skepticism it's very

967

00:34:43,669 --> 00:34:42,149

entertaining they're not all that it was

968

00:34:45,440 --> 00:34:43,679

in the evidence based stuff but they

969

00:34:46,220 --> 00:34:45,450

talk about an earthquake machine man i

970

00:34:48,470 --> 00:34:46,230

love the

971

00:34:51,409 --> 00:34:48,480

if there's an earthquake machine I want

972

00:34:52,790 --> 00:34:51,419

one it's not all you know as skeptics

973

00:34:54,349 --> 00:34:52,800

will come to the conference with talking

974

00:34:56,869 --> 00:34:54,359

about skepticism and stuff and generally

975

00:34:58,700 --> 00:34:56,879

that's our bent but it's not always all

976  
00:35:01,670 --> 00:34:58,710  
skepticism one hundred percent and the

977  
00:35:03,680 --> 00:35:01,680  
time I mean you know watch the goodies

978  
00:35:05,960 --> 00:35:03,690  
and television and different TV shows

979  
00:35:07,490 --> 00:35:05,970  
and love Doctor Who and getting to know

980  
00:35:10,700 --> 00:35:07,500  
agenda and weird ideas just like

981  
00:35:13,609 --> 00:35:10,710  
everyone else yeah and what your little

982  
00:35:17,260 --> 00:35:13,619  
dabbling in the up be in the dark art Oh

983  
00:35:18,890 --> 00:35:17,270  
in the dark ah my little dabbling

984  
00:35:20,690 --> 00:35:18,900  
everyone's got their own bit of woe

985  
00:35:21,980 --> 00:35:20,700  
everyone's got their own bit of wood so

986  
00:35:23,420 --> 00:35:21,990  
I mean even Brian Dunning takes

987  
00:35:32,120 --> 00:35:23,430  
multivitamins when he feels he's getting

988  
00:35:34,940 --> 00:35:32,130

sick well there's a new book out at the

989

00:35:36,680 --> 00:35:34,950

moment now it isn't one that everybody

990

00:35:38,180 --> 00:35:36,690

is going to be rushing for but it's one

991

00:35:39,920 --> 00:35:38,190

that we haven't seen in Australia I

992

00:35:42,470 --> 00:35:39,930

don't know if we have it all who've we

993

00:35:44,450 --> 00:35:42,480

got here you're the guy put together my

994

00:35:46,130 --> 00:35:44,460

name is Warren bonnet and we don't have

995

00:35:49,070 --> 00:35:46,140

anything quite like it so there's never

996

00:35:51,800 --> 00:35:49,080

been an atheist short story compendium

997

00:35:56,420 --> 00:35:51,810

in Australia ever not to my knowledge

998

00:35:58,430 --> 00:35:56,430

the the only really prominent books that

999

00:36:01,580 --> 00:35:58,440

have come out on on atheism in Australia

1000

00:36:04,210 --> 00:36:01,590

Phillip Adams is Robin Williams did one

1001

00:36:07,490 --> 00:36:04,220

Terry laned one there's a number of

1002

00:36:10,040 --> 00:36:07,500

self-published books to buy people like

1003

00:36:12,710 --> 00:36:10,050

Brian Baker but no nothing quite like

1004

00:36:13,790 --> 00:36:12,720

this so maybe there's not a demand for

1005

00:36:16,070 --> 00:36:13,800

you're going to send yourself broke

1006

00:36:17,990 --> 00:36:16,080

doing this little project well the

1007

00:36:20,990 --> 00:36:18,000

immediate of the demand so far seems to

1008

00:36:23,120 --> 00:36:21,000

have been very high I run a bookshop a

1009

00:36:25,940 --> 00:36:23,130

science book shop up in Queensland and

1010

00:36:28,760 --> 00:36:25,950

it's now our best-selling book by a long

1011

00:36:30,920 --> 00:36:28,770

way hmm and what sort of people did you

1012

00:36:33,230 --> 00:36:30,930

rope in forward and how hard was it to

1013

00:36:35,780 --> 00:36:33,240

get people for did anyone say I nomads I

1014

00:36:39,260 --> 00:36:35,790

don't be part of that a couple of people

1015

00:36:40,980 --> 00:36:39,270

said no but they also express their

1016

00:36:44,490 --> 00:36:40,990

regrets that they couldn't

1017

00:36:46,350 --> 00:36:44,500

can contribute to it but most of the

1018

00:36:48,240 --> 00:36:46,360

people that we approached were very

1019

00:36:54,510 --> 00:36:48,250

positive about it up approached about 80

1020

00:36:57,900 --> 00:36:54,520

people in total a little over 50 to 60

1021

00:37:02,100 --> 00:36:57,910

sent me something based upon a brief I

1022

00:37:04,020 --> 00:37:02,110

set them and we selected 33 a lot of

1023

00:37:05,580 --> 00:37:04,030

people including my parents we've still

1024

00:37:08,010 --> 00:37:05,590

got a problem with atheism because they

1025

00:37:10,770 --> 00:37:08,020

ask well what do you guys believe in and

1026

00:37:13,410 --> 00:37:10,780

that's not the right question is it no

1027

00:37:17,040 --> 00:37:13,420

not really it's it's not so much about

1028

00:37:20,250 --> 00:37:17,050

what we believe in but we're simply

1029

00:37:22,140 --> 00:37:20,260

expressing desire that a belief in

1030

00:37:24,270 --> 00:37:22,150

something supernatural shouldn't form

1031

00:37:27,540 --> 00:37:24,280

such a prominent place in things like

1032

00:37:29,280 --> 00:37:27,550

public policy and politics and it's only

1033

00:37:32,010 --> 00:37:29,290

really in the last few years and let's

1034

00:37:33,180 --> 00:37:32,020

face it since nine eleven that atheists

1035

00:37:35,910 --> 00:37:33,190

have started to come out of the woodwork

1036

00:37:38,390 --> 00:37:35,920

a bit because I think before then we all

1037

00:37:40,730 --> 00:37:38,400

sort of had an unwritten agreement

1038

00:37:43,440 --> 00:37:40,740

believers and non-believers alike that

1039

00:37:46,260 --> 00:37:43,450

you know you can believe your thing

1040

00:37:49,530 --> 00:37:46,270

that's fine we don't and we think it's a

1041

00:37:51,240 --> 00:37:49,540

little bit silly but that's okay and one

1042

00:37:53,040 --> 00:37:51,250

day it'll wear away and there seemed to

1043

00:37:56,160 --> 00:37:53,050

be this sort of unwritten agreement

1044

00:37:59,880 --> 00:37:56,170

about it but we've seen a resurgence in

1045

00:38:01,290 --> 00:37:59,890

in political life and as well as big

1046

00:38:03,690 --> 00:38:01,300

political statements being made like

1047

00:38:06,380 --> 00:38:03,700

flying planes into buildings so I think

1048

00:38:10,800 --> 00:38:06,390

that it's that has formed a catalyst for

1049

00:38:13,310 --> 00:38:10,810

making us a little bit more loud and

1050

00:38:15,450 --> 00:38:13,320

where do the other religions like

1051  
00:38:18,750 --> 00:38:15,460  
Scientology come into it is that where

1052  
00:38:21,150 --> 00:38:18,760  
you have to feel activism or is that

1053  
00:38:24,330 --> 00:38:21,160  
just one you're happy to let lie now I

1054  
00:38:26,820 --> 00:38:24,340  
think I don't but as an atheist you were

1055  
00:38:29,700 --> 00:38:26,830  
fairly much equal opportunity hey

1056  
00:38:32,180 --> 00:38:29,710  
theists in that if if it falls into the

1057  
00:38:36,030 --> 00:38:32,190  
realm of the supernatural we tend to

1058  
00:38:38,910 --> 00:38:36,040  
want to do something about it I guess

1059  
00:38:41,220 --> 00:38:38,920  
but it's mostly when it starts to have a

1060  
00:38:42,930 --> 00:38:41,230  
bigger political effect that we're more

1061  
00:38:45,750 --> 00:38:42,940  
concerned so when it starts to affect

1062  
00:38:49,109 --> 00:38:45,760  
health care or education and things like

1063  
00:38:50,880 --> 00:38:49,119

that but look it's got so much going for

1064

00:38:52,680 --> 00:38:50,890

it every religion I don't care which one

1065

00:38:54,160 --> 00:38:52,690

it is offering something pretty good

1066

00:38:56,920 --> 00:38:54,170

at the end of your life

1067

00:38:58,630 --> 00:38:56,930

that sounds really great now if there's

1068

00:39:00,280 --> 00:38:58,640

a chance that that is the case that

1069

00:39:02,020 --> 00:39:00,290

there's this great place called heaven

1070

00:39:04,870 --> 00:39:02,030

or something at the end of the life that

1071

00:39:06,670 --> 00:39:04,880

we can transcend move beyond our mortal

1072

00:39:09,400 --> 00:39:06,680

self wouldn't that be a really good idea

1073

00:39:10,950 --> 00:39:09,410

to maybe be fun it would be but it

1074

00:39:13,450 --> 00:39:10,960

doesn't change what's here and now

1075

00:39:16,450 --> 00:39:13,460

whether there is a life after death

1076

00:39:17,890 --> 00:39:16,460

doesn't really change what we need to do

1077

00:39:20,530 --> 00:39:17,900

with the planet here and now and

1078

00:39:25,420 --> 00:39:20,540

ourselves here and now and to use that

1079

00:39:28,840 --> 00:39:25,430

as a as a way of not dealing with things

1080

00:39:31,030 --> 00:39:28,850

here an hour today is I think a little

1081

00:39:32,170 --> 00:39:31,040

bit problematic and to be honest I don't

1082

00:39:35,470 --> 00:39:32,180

think there are many religious people

1083

00:39:38,140 --> 00:39:35,480

that would do that and also I think that

1084

00:39:40,810 --> 00:39:38,150

the idea of an afterlife is a lot less

1085

00:39:42,700 --> 00:39:40,820

consoling than people think they in that

1086

00:39:45,160 --> 00:39:42,710

if you just go to any funeral in any

1087

00:39:49,330 --> 00:39:45,170

church anywhere people are not feeling

1088

00:39:51,460 --> 00:39:49,340

very happy if you genuinely felt deep in

1089

00:39:53,170 --> 00:39:51,470

your bones that you were going to a

1090

00:39:55,680 --> 00:39:53,180

better place and one day you were going

1091

00:40:00,430 --> 00:39:55,690

to meet them there would not be that

1092

00:40:03,970 --> 00:40:00,440

intensity of sadness I surely believe

1093

00:40:08,470 --> 00:40:03,980

that there is a kernel of doubt in most

1094

00:40:10,720 --> 00:40:08,480

people in most believers worldview so to

1095

00:40:12,220 --> 00:40:10,730

get many people more particularly

1096

00:40:13,750 --> 00:40:12,230

because you've got the high-profile

1097

00:40:16,570 --> 00:40:13,760

bookshop there which is I assume an

1098

00:40:17,980 --> 00:40:16,580

atheist bookshop as well it's more it's

1099

00:40:19,960 --> 00:40:17,990

not so much an atheist bookshop although

1100

00:40:22,630 --> 00:40:19,970

we do have an atheist section unlike

1101

00:40:25,300 --> 00:40:22,640

most shops it's not included in a

1102

00:40:28,890 --> 00:40:25,310

religious section we do stock a wide

1103

00:40:32,350 --> 00:40:28,900

range of them but we're more about

1104

00:40:34,210 --> 00:40:32,360

science and philosophy and we do that

1105

00:40:36,640 --> 00:40:34,220

the theme of the shop is actually where

1106

00:40:43,570 --> 00:40:36,650

science meets art because they're the

1107

00:40:45,130 --> 00:40:43,580

two main ways that people engage in in

1108

00:40:47,500 --> 00:40:45,140

the world around them that the two

1109

00:40:50,290 --> 00:40:47,510

different kinds of approaches as people

1110

00:40:52,360 --> 00:40:50,300

think of any university departments

1111

00:40:54,160 --> 00:40:52,370

being split into the sciences and the

1112

00:40:56,590 --> 00:40:54,170

arts or the humanities and the arts and

1113

00:40:59,380 --> 00:40:56,600

two different modes of thinking and out

1114

00:41:00,790 --> 00:40:59,390

our premise for the shop was to cross

1115

00:41:03,310 --> 00:41:00,800

pollinate between these two different

1116

00:41:06,430 --> 00:41:03,320

disciplines and something that always

1117

00:41:06,980 --> 00:41:06,440

needs to be mentioned as well is atheist

1118

00:41:13,130 --> 00:41:06,990

is

1119

00:41:16,010 --> 00:41:13,140

would probably be along the lines of

1120

00:41:17,630 --> 00:41:16,020

being anti theist because i just think

1121

00:41:20,420 --> 00:41:17,640

there are too many problems with it to

1122

00:41:23,570 --> 00:41:20,430

ignore that's not too that's not

1123

00:41:26,870 --> 00:41:23,580

suggesting automatically that will have

1124

00:41:28,550 --> 00:41:26,880

an automatic replacement for them it's

1125

00:41:30,740 --> 00:41:28,560

just to suggest that these things are

1126

00:41:33,710 --> 00:41:30,750

problematic and that in the 21st century

1127

00:41:35,720 --> 00:41:33,720

after several hundred years of evidence

1128

00:41:37,760 --> 00:41:35,730

based reasoning that we possibly have

1129

00:41:40,220 --> 00:41:37,770

something better to replace them with if

1130

00:41:43,540 --> 00:41:40,230

we just put our minds to it and what's

1131

00:41:49,010 --> 00:41:43,550

one of your favorite essays in the book

1132

00:41:50,780 --> 00:41:49,020

there are several Jane Karos book yeah

1133

00:41:52,760 --> 00:41:50,790

yeah her essays from a feminist

1134

00:41:54,890 --> 00:41:52,770

perspective that's right I like Kylie

1135

00:41:57,050 --> 00:41:54,900

Sturgis as well Robin Williams is good

1136

00:41:59,330 --> 00:41:57,060

the part-time a distance isn't it yeah

1137

00:42:03,310 --> 00:41:59,340

what he's having a bet each way is he no

1138

00:42:06,080 --> 00:42:03,320

not really it's just that it's a more a

1139

00:42:08,150 --> 00:42:06,090

conversational piece where he's saying

1140

00:42:11,420 --> 00:42:08,160

that he just doesn't cross his mind on a

1141

00:42:13,940 --> 00:42:11,430

daily basis but every now and again I

1142

00:42:17,240 --> 00:42:13,950

guess as a science show host he butts up

1143

00:42:19,670 --> 00:42:17,250

against religious thinking which is

1144

00:42:22,910 --> 00:42:19,680

contrary to evidence-based thinking and

1145

00:42:24,890 --> 00:42:22,920

so he will occasionally put on his

1146

00:42:26,780 --> 00:42:24,900

atheist cap but so I think it's a little

1147

00:42:29,570 --> 00:42:26,790

bit along those lines well the reason

1148

00:42:31,910 --> 00:42:29,580

debate over same-sex marriages I met a

1149

00:42:33,560 --> 00:42:31,920

few people and when it came down to us a

1150

00:42:34,609 --> 00:42:33,570

ball what's your problem with it and

1151  
00:42:36,740 --> 00:42:34,619  
they would say something on the lines

1152  
00:42:39,859 --> 00:42:36,750  
well you know it's not right according

1153  
00:42:41,540 --> 00:42:39,869  
to the Bible and that may be the case

1154  
00:42:43,340 --> 00:42:41,550  
the way they interpret the Bible but

1155  
00:42:45,020 --> 00:42:43,350  
that also means that you've just given

1156  
00:42:48,980 --> 00:42:45,030  
up thinking about the issue for yourself

1157  
00:42:50,630 --> 00:42:48,990  
yes and my big problem with that

1158  
00:42:53,090 --> 00:42:50,640  
approach is that the Bible might have

1159  
00:42:56,120 --> 00:42:53,100  
maybe three or four lines dedicated to

1160  
00:43:00,130 --> 00:42:56,130  
that that is not enough to make a

1161  
00:43:04,070 --> 00:43:00,140  
decision on a complex ethical issues in

1162  
00:43:05,840 --> 00:43:04,080  
the modern society if like things on

1163  
00:43:08,440 --> 00:43:05,850

abortion and homosexuality and so on

1164

00:43:11,630 --> 00:43:08,450

where there is not that much to go on

1165

00:43:14,359 --> 00:43:11,640

there's more on not eating shellfish

1166

00:43:16,310 --> 00:43:14,369

there's more on on killing your children

1167

00:43:17,990 --> 00:43:16,320

if they're disappearing and yet somehow

1168

00:43:20,090 --> 00:43:18,000

they have the ethical framework to

1169

00:43:21,980 --> 00:43:20,100

navigate away from those things

1170

00:43:24,650 --> 00:43:21,990

that keen of towards things which

1171

00:43:28,430 --> 00:43:24,660

support another ideology and it's that

1172

00:43:30,050 --> 00:43:28,440

I'm more interested in in that the Bible

1173

00:43:31,730 --> 00:43:30,060

as itself if you look at the whole thing

1174

00:43:33,170 --> 00:43:31,740

have you got a favourite book of it I

1175

00:43:34,910 --> 00:43:33,180

mean and this is one thing I like to try

1176

00:43:36,080 --> 00:43:34,920

and remind me of a lot of atheists do

1177

00:43:38,000 --> 00:43:36,090

read the Bible because you've got to

1178

00:43:39,770 --> 00:43:38,010

know what you're not sometimes and if

1179

00:43:41,630 --> 00:43:39,780

you got a favorite book oh yeah busy bit

1180

00:43:45,610 --> 00:43:41,640

of the New Testament you know you be a

1181

00:43:47,930 --> 00:43:45,620

mark that's a pretty cool mark

1182

00:43:52,700 --> 00:43:47,940

revelations man there is an acid trip

1183

00:43:53,960 --> 00:43:52,710

yeah Leviticus mean blood sex school I

1184

00:43:55,970 --> 00:43:53,970

mean you've got to go for it really i

1185

00:44:02,060 --> 00:43:55,980

mean there's a there's the finest horror

1186

00:44:03,860 --> 00:44:02,070

movie ever made man yeah you do right

1187

00:44:05,090 --> 00:44:03,870

there it's got it all happening there is

1188

00:44:06,530 --> 00:44:05,100

there an essay in the book that is

1189

00:44:08,740 --> 00:44:06,540

proven to be controversial of people

1190

00:44:11,900 --> 00:44:08,750

sort of coming back and biting you about

1191

00:44:14,900 --> 00:44:11,910

well the ones that I've most been

1192

00:44:17,300 --> 00:44:14,910

questioned on so far is the first essay

1193

00:44:19,540 --> 00:44:17,310

by chris stevenson on the history of

1194

00:44:23,150 --> 00:44:19,550

free thought and atheism in australia

1195

00:44:25,250 --> 00:44:23,160

because she's writing a she's contending

1196

00:44:27,890 --> 00:44:25,260

with a great deal of history which talks

1197

00:44:29,090 --> 00:44:27,900

about australia's being a christian

1198

00:44:31,400 --> 00:44:29,100

nation which we're seeing a resurgence

1199

00:44:34,730 --> 00:44:31,410

of in the popular media at the moment

1200

00:44:36,500 --> 00:44:34,740

it's it simply doesn't seem to bear out

1201

00:44:39,170 --> 00:44:36,510

when you look at a lot of historical

1202

00:44:41,750 --> 00:44:39,180

documents the way history was formed and

1203

00:44:43,910 --> 00:44:41,760

where the the ethos of australia of mate

1204

00:44:47,650 --> 00:44:43,920

ship and a of relying on yourself and

1205

00:44:50,750 --> 00:44:47,660

their individuality that that kind of

1206

00:44:53,680 --> 00:44:50,760

part of the Australian psyche which we

1207

00:44:56,240 --> 00:44:53,690

all seem to love and almost revere

1208

00:44:59,150 --> 00:44:56,250

really doesn't come from a religious

1209

00:45:02,840 --> 00:44:59,160

basis and so to talk about Christie a

1210

00:45:04,790 --> 00:45:02,850

Christian nation is some seems to be

1211

00:45:08,330 --> 00:45:04,800

quite false and she's working up that

1212

00:45:10,160 --> 00:45:08,340

into being a book at the moment because

1213

00:45:12,950 --> 00:45:10,170

there's a lot of material she was only

1214

00:45:14,480 --> 00:45:12,960

intending to write a short essay and but

1215

00:45:17,150 --> 00:45:14,490

then she ended up writing about twenty

1216

00:45:18,650 --> 00:45:17,160

thousand words but at least the

1217

00:45:20,450 --> 00:45:18,660

Americans give lip service to the

1218

00:45:21,860 --> 00:45:20,460

separation of church and state we

1219

00:45:24,230 --> 00:45:21,870

haven't got that we've got the Church of

1220

00:45:28,040 --> 00:45:24,240

England at the top yes that's right but

1221

00:45:30,800 --> 00:45:28,050

instead interestingly our separation of

1222

00:45:32,470 --> 00:45:30,810

church and state clause section 116 of

1223

00:45:35,609 --> 00:45:32,480

the Constitution

1224

00:45:37,830 --> 00:45:35,619

is almost identical to the Americans

1225

00:45:42,010 --> 00:45:37,840

separation of church and state clause

1226

00:45:44,740 --> 00:45:42,020

they're very very similar it's funny I'm

1227

00:45:47,050 --> 00:45:44,750

the eye I never hear of this clause no

1228

00:45:51,030 --> 00:45:47,060

no it and yet it's it's almost identical

1229

00:45:53,890 --> 00:45:51,040

but in the test case in America they

1230

00:45:55,960 --> 00:45:53,900

that the test legal case they ended up

1231

00:45:57,670 --> 00:45:55,970

ruling in favor of this separation of

1232

00:45:59,140 --> 00:45:57,680

the church and state because it's very

1233

00:46:00,640 --> 00:45:59,150

clear from the intentions of the

1234

00:46:03,790 --> 00:46:00,650

founding fathers that's exactly what

1235

00:46:09,520 --> 00:46:03,800

they intended and so did ours pretty

1236

00:46:11,950 --> 00:46:09,530

much however the here our test case was

1237

00:46:15,430 --> 00:46:11,960

the defense of government schools and

1238

00:46:18,220 --> 00:46:15,440

that ruled in favor of there being some

1239

00:46:20,950 --> 00:46:18,230

support for religion from by the state

1240

00:46:23,230 --> 00:46:20,960

in in this country and do you think

1241

00:46:25,510 --> 00:46:23,240

Richard Dawkins does a little bit more

1242

00:46:28,840 --> 00:46:25,520

harm than good sometimes banging around

1243

00:46:30,490 --> 00:46:28,850

sometimes hassling the allure gence and

1244

00:46:33,370 --> 00:46:30,500

gets a bit of a bad names of smartass

1245

00:46:35,349 --> 00:46:33,380

for the cause sometimes is he certainly

1246

00:46:37,150 --> 00:46:35,359

you know he's the man he's intellectual

1247

00:46:39,130 --> 00:46:37,160

he's got it all going on but he also

1248

00:46:41,740 --> 00:46:39,140

does have a knack of rubbing people the

1249

00:46:43,660 --> 00:46:41,750

wrong way well I think that's going to

1250

00:46:44,830 --> 00:46:43,670

be the case almost no matter what you

1251  
00:46:46,990 --> 00:46:44,840  
say in the world you're going to rub

1252  
00:46:51,849 --> 00:46:47,000  
someone the wrong way now there is a

1253  
00:46:54,880 --> 00:46:51,859  
very it's very easy to to attack someone

1254  
00:46:57,370 --> 00:46:54,890  
when they state their view and when they

1255  
00:46:59,310 --> 00:46:57,380  
state their view with passion then they

1256  
00:47:02,940 --> 00:46:59,320  
present themselves as an easy target

1257  
00:47:05,620 --> 00:47:02,950  
there's a lot of people who say that

1258  
00:47:08,280 --> 00:47:05,630  
atheists strident I think they're

1259  
00:47:11,770 --> 00:47:08,290  
strident arrogant milligan militant

1260  
00:47:14,460 --> 00:47:11,780  
fundamentalist an evangelical and or

1261  
00:47:16,930 --> 00:47:14,470  
even religious in their further and I

1262  
00:47:18,580 --> 00:47:16,940  
might my answer to all of it and it

1263  
00:47:20,440 --> 00:47:18,590

always gets a smile yeah that's right

1264

00:47:23,800 --> 00:47:20,450

and my answer to all of the myths is

1265

00:47:25,570 --> 00:47:23,810

bollocks really if you take away the

1266

00:47:26,920 --> 00:47:25,580

meanings of all of those words and

1267

00:47:29,710 --> 00:47:26,930

supplant them with something else then

1268

00:47:31,540 --> 00:47:29,720

perhaps but I always go to the most

1269

00:47:32,920 --> 00:47:31,550

extreme example of them because it's one

1270

00:47:34,870 --> 00:47:32,930

we get almost as often and that is

1271

00:47:36,970 --> 00:47:34,880

militant and then you just do a simple

1272

00:47:39,620 --> 00:47:36,980

thought experiment okay I want you to

1273

00:47:42,650 --> 00:47:39,630

examine in your mind a

1274

00:47:44,500 --> 00:47:42,660

a militant religious person what do they

1275

00:47:47,030 --> 00:47:44,510

look like how do they express themselves

1276  
00:47:49,940 --> 00:47:47,040  
and then do the same I want you to now

1277  
00:47:52,580 --> 00:47:49,950  
imagine a militant atheist which one of

1278  
00:47:54,140 --> 00:47:52,590  
these is picking up a gun or stripping

1279  
00:47:55,580 --> 00:47:54,150  
bonds to themselves and flying planes

1280  
00:47:56,810 --> 00:47:55,590  
into buildings and which one of them is

1281  
00:48:00,980 --> 00:47:56,820  
getting a little bit hot under the

1282  
00:48:03,920 --> 00:48:00,990  
collar during a debate on TV it's it's

1283  
00:48:06,440 --> 00:48:03,930  
not it's not an appropriate use of the

1284  
00:48:08,720 --> 00:48:06,450  
words to describe people who are merely

1285  
00:48:11,930 --> 00:48:08,730  
passionately representing their points

1286  
00:48:12,980 --> 00:48:11,940  
of view as there has been described for

1287  
00:48:16,100 --> 00:48:12,990  
Dawkins I think he's done an

1288  
00:48:18,290 --> 00:48:16,110

extraordinary amount of good not simply

1289

00:48:21,350 --> 00:48:18,300

because some of his atheistic stance

1290

00:48:22,970 --> 00:48:21,360

them I think primarily because is one of

1291

00:48:25,540 --> 00:48:22,980

the finest science educators I've ever

1292

00:48:27,800 --> 00:48:25,550

seen he's he's done more to promote

1293

00:48:29,120 --> 00:48:27,810

science in the world than pretty well

1294

00:48:32,300 --> 00:48:29,130

anyone other than maybe David

1295

00:48:34,190 --> 00:48:32,310

Attenborough and what do you hope to

1296

00:48:35,840 --> 00:48:34,200

achieve with the book obviously you'd

1297

00:48:37,520 --> 00:48:35,850

like to sell a few copies because you

1298

00:48:40,040 --> 00:48:37,530

run a bookshop and you might like to do

1299

00:48:41,660 --> 00:48:40,050

another volume if it goes well but were

1300

00:48:43,700 --> 00:48:41,670

you trying to think of it as being

1301  
00:48:48,130 --> 00:48:43,710  
something to maybe get into schools or

1302  
00:48:51,500 --> 00:48:48,140  
as a piece of activism I think it was a

1303  
00:48:55,550 --> 00:48:51,510  
sort of a focusing of attention for a

1304  
00:48:57,350 --> 00:48:55,560  
lot of other atheists and agnostics on

1305  
00:49:00,110 --> 00:48:57,360  
it and how do they sit like you know it

1306  
00:49:01,880 --> 00:49:00,120  
is it like gays and bisexuals you know

1307  
00:49:03,080 --> 00:49:01,890  
guys think that bisexuals are just

1308  
00:49:05,270 --> 00:49:03,090  
people who haven't made up their mind

1309  
00:49:08,360 --> 00:49:05,280  
yet the atheists feel that way about the

1310  
00:49:11,260 --> 00:49:08,370  
agnostics is a bit of tension I think

1311  
00:49:13,700 --> 00:49:11,270  
there is it's largely academic tension

1312  
00:49:18,220 --> 00:49:13,710  
because most agnostics when you come

1313  
00:49:21,230 --> 00:49:18,230

down to it still predominantly atheist

1314

00:49:24,740 --> 00:49:21,240

most atheists simply regard their belief

1315

00:49:26,390 --> 00:49:24,750

is I haven't found evidence that I find

1316

00:49:28,820 --> 00:49:26,400

compelling to believe in something and

1317

00:49:31,970 --> 00:49:28,830

agnostics sort of have that same

1318

00:49:33,560 --> 00:49:31,980

viewpoint except they leave it the door

1319

00:49:35,840 --> 00:49:33,570

a little bit more open so they're more

1320

00:49:38,180 --> 00:49:35,850

polite is that what's going on or have

1321

00:49:41,030 --> 00:49:38,190

they just not decided to pick a side and

1322

00:49:43,190 --> 00:49:41,040

lose friendship you might have a point

1323

00:50:08,520 --> 00:49:43,200

that I don't really know I think it's a

1324

00:50:15,160 --> 00:50:12,100

hello from a cable car in San Francisco

1325

00:50:16,960 --> 00:50:15,170

California Richard Saunders here wishing

1326

00:50:20,470 --> 00:50:16,970

all listeners to the skeptics own a

1327

00:50:22,900 --> 00:50:20,480

successful 2000m 11 we've had some major

1328

00:50:25,750 --> 00:50:22,910

victories in 2010 so let's keep that

1329

00:50:28,390 --> 00:50:25,760

momentum going and a big shout out to

1330

00:50:43,670 --> 00:50:28,400

all my skeptical podcasting colleagues

1331

00:50:52,380 --> 00:50:47,040

now it's time for dr. Rachel reports

1332

00:50:55,559 --> 00:50:52,390

with dr. Rachel Dunlop hello everyone

1333

00:50:56,880 --> 00:50:55,569

and welcome to dr. Reggie reports well

1334

00:50:58,620 --> 00:50:56,890

we're on a bit of a roll here in

1335

00:51:00,930 --> 00:50:58,630

Australia at the moment with crackdowns

1336

00:51:02,520 --> 00:51:00,940

on alternative medicine and there was

1337

00:51:04,049 --> 00:51:02,530

even more news this week with the

1338

00:51:06,150 --> 00:51:04,059

announcement of the removal of

1339

00:51:08,120 --> 00:51:06,160

complementary medicines from sale by the

1340

00:51:12,180 --> 00:51:08,130

TGA the Therapeutic Goods Administration

1341

00:51:14,220 --> 00:51:12,190

in a spot check on around 400 products

1342

00:51:16,589 --> 00:51:14,230

nine out of ten were found to breach

1343

00:51:18,480 --> 00:51:16,599

regulations and as a result a

1344

00:51:20,430 --> 00:51:18,490

significant number of products were

1345

00:51:24,089 --> 00:51:20,440

removed from the Australian register of

1346

00:51:27,059 --> 00:51:24,099

therapeutic goods or the artg which

1347

00:51:28,670 --> 00:51:27,069

currently lists around 10,000 250

1348

00:51:30,750 --> 00:51:28,680

complementary medicines including

1349

00:51:33,240 --> 00:51:30,760

vitamins minerals and herbal

1350

00:51:35,160 --> 00:51:33,250

preparations the breaches which were

1351

00:51:38,069 --> 00:51:35,170

largely related to false claims of

1352

00:51:39,809 --> 00:51:38,079

curative powers on the labels means the

1353

00:51:42,930 --> 00:51:39,819

products can no longer be legally sold

1354

00:51:45,359 --> 00:51:42,940

in Australia however which products have

1355

00:51:47,730 --> 00:51:45,369

been removed was not revealed by the TGA

1356

00:51:49,589 --> 00:51:47,740

now in Australia the complementary

1357

00:51:52,380 --> 00:51:49,599

medicine business is worth over four

1358

00:51:54,180 --> 00:51:52,390

billion dollars a year but evidence that

1359

00:51:56,640 --> 00:51:54,190

these products actually work is not

1360

00:51:58,620 --> 00:51:56,650

required by the TGA before they are

1361

00:52:00,210 --> 00:51:58,630

assigned an official-looking number and

1362

00:52:02,339 --> 00:52:00,220

appear on the shelf of your local

1363

00:52:06,210 --> 00:52:02,349

pharmacy next two aspirin and cough

1364

00:52:08,579 --> 00:52:06,220

medicine instead the TGA operates a

1365

00:52:11,309 --> 00:52:08,589

self-assessment online registration

1366

00:52:13,680 --> 00:52:11,319

system and undertakes post-market

1367

00:52:15,420 --> 00:52:13,690

reviews where approximately twenty-five

1368

00:52:17,640 --> 00:52:15,430

percent of products are randomly

1369

00:52:20,549 --> 00:52:17,650

selected for a review of their labels

1370

00:52:23,339 --> 00:52:20,559

product specifications and a summary of

1371

00:52:26,130 --> 00:52:23,349

their evidence now although the TGA

1372

00:52:28,440 --> 00:52:26,140

website states quote evidence must be

1373

00:52:31,200 --> 00:52:28,450

held by sponsors which demonstrates the

1374

00:52:33,990 --> 00:52:31,210

indications and claims are true valid

1375

00:52:36,089 --> 00:52:34,000

and not misleading this latest review

1376

00:52:39,180 --> 00:52:36,099

suggests this may not always be the case

1377

00:52:41,010 --> 00:52:39,190

a second issue for consumers is that

1378

00:52:43,680 --> 00:52:41,020

even when products are removed from the

1379

00:52:45,990 --> 00:52:43,690

listing manufacturers can simply go back

1380

00:52:48,000 --> 00:52:46,000

online re register the product under a

1381

00:52:49,470 --> 00:52:48,010

different name and effectively get it

1382

00:52:52,470 --> 00:52:49,480

back on the shelves within

1383

00:52:54,390 --> 00:52:52,480

24 hours so there are two types of drugs

1384

00:52:56,820 --> 00:52:54,400

and clinical devices controlled by the

1385

00:52:58,710 --> 00:52:56,830

TGA there are those which have been

1386

00:53:01,290 --> 00:52:58,720

evaluated for safety quality and

1387

00:53:05,400 --> 00:53:01,300

efficacy and these are designated with a

1388

00:53:08,040 --> 00:53:05,410

number preceded by a UST are or aust are

1389

00:53:10,620 --> 00:53:08,050

for registered an example of this kind

1390

00:53:12,540 --> 00:53:10,630

of product is antibiotics or hay fever

1391

00:53:15,090 --> 00:53:12,550

medication bought over the counter at

1392

00:53:18,030 --> 00:53:15,100

the pharmacy or even low-risk products

1393

00:53:21,030 --> 00:53:18,040

such as cough medicines and according to

1394

00:53:23,370 --> 00:53:21,040

the TGA website the degree of assessment

1395

00:53:25,560 --> 00:53:23,380

and regulation they undergo is rigorous

1396

00:53:27,840 --> 00:53:25,570

and detailed with sponsors being

1397

00:53:31,560 --> 00:53:27,850

required to provide comprehensive safety

1398

00:53:35,220 --> 00:53:31,570

quality and efficacy data on the flip

1399

00:53:37,950 --> 00:53:35,230

side the aust l products or au stl for

1400

00:53:39,290 --> 00:53:37,960

listed are called listed products and

1401  
00:53:42,690 --> 00:53:39,300  
include complementary and supplementary

1402  
00:53:45,420 --> 00:53:42,700  
medicines such as homeopathy ear candles

1403  
00:53:47,730 --> 00:53:45,430  
and detox kits and many have not gone

1404  
00:53:50,660 --> 00:53:47,740  
through clinical testing or indeed have

1405  
00:53:53,010 --> 00:53:50,670  
any scientific evidence that they work

1406  
00:53:55,230 --> 00:53:53,020  
listed medicines are considered by the

1407  
00:53:57,540 --> 00:53:55,240  
TGA to be of lower risk than registered

1408  
00:54:00,510 --> 00:53:57,550  
medicines thus they are not assessed for

1409  
00:54:03,270 --> 00:54:00,520  
efficacy by the TGA but only for quality

1410  
00:54:05,940 --> 00:54:03,280  
and safety so clearly the problem here

1411  
00:54:07,950 --> 00:54:05,950  
is the tj's reliance on self-assessment

1412  
00:54:10,950 --> 00:54:07,960  
as a means for determining a products

1413  
00:54:13,380 --> 00:54:10,960

efficacy but it gets worse when you

1414

00:54:16,470 --> 00:54:13,390

scrutinize precisely what they define as

1415

00:54:18,570 --> 00:54:16,480

evidence for these products so there are

1416

00:54:21,540 --> 00:54:18,580

two streams of evidence accepted by the

1417

00:54:24,300 --> 00:54:21,550

TGA one being scientific and the other

1418

00:54:26,609 --> 00:54:24,310

traditional use and traditional use

1419

00:54:28,560 --> 00:54:26,619

refers to documentary evidence that a

1420

00:54:30,990 --> 00:54:28,570

substance has been used over three or

1421

00:54:34,200 --> 00:54:31,000

more generations for a specific health

1422

00:54:36,330 --> 00:54:34,210

related or medicinal purpose traditional

1423

00:54:38,940 --> 00:54:36,340

therapies according to the TGA include

1424

00:54:41,400 --> 00:54:38,950

traditional Chinese medicine traditional

1425

00:54:43,680 --> 00:54:41,410

era Vedic medicine traditional Western

1426  
00:54:45,960 --> 00:54:43,690  
herbal medicine traditional homeopathic

1427  
00:54:48,870 --> 00:54:45,970  
medicine aromatherapy and other

1428  
00:54:50,609 --> 00:54:48,880  
indigenous medicines further there are

1429  
00:54:52,920 --> 00:54:50,619  
also increasing levels of evidence

1430  
00:54:54,510 --> 00:54:52,930  
within these so the greater your

1431  
00:54:57,240 --> 00:54:54,520  
evidence the more claims you are

1432  
00:54:59,340 --> 00:54:57,250  
entitled to make about your product for

1433  
00:55:01,770 --> 00:54:59,350  
example three independent written

1434  
00:55:03,300 --> 00:55:01,780  
histories of use in the classical or

1435  
00:55:06,510 --> 00:55:03,310  
traditional medical literature

1436  
00:55:08,670 --> 00:55:06,520  
are acceptable as evidence and or the

1437  
00:55:11,360 --> 00:55:08,680  
availability of your product through any

1438  
00:55:13,830 --> 00:55:11,370

country's government public dispensaries

1439

00:55:17,430 --> 00:55:13,840

so this includes chiropractic in

1440

00:55:19,050 --> 00:55:17,440

Australia and homeopathy in the UK now

1441

00:55:20,940 --> 00:55:19,060

recently the TGA announced a

1442

00:55:23,280 --> 00:55:20,950

comprehensive review of the way it

1443

00:55:25,380 --> 00:55:23,290

communicates regulatory processes and

1444

00:55:27,630 --> 00:55:25,390

decisions to the public and this is in

1445

00:55:30,570 --> 00:55:27,640

an effort to improve transparency of the

1446

00:55:33,330 --> 00:55:30,580

organization and the aim of the overhaul

1447

00:55:35,010 --> 00:55:33,340

is multifaceted but one aspect is to

1448

00:55:37,320 --> 00:55:35,020

ensure that the Australian public is

1449

00:55:39,810 --> 00:55:37,330

better informed about the benefits and

1450

00:55:42,440 --> 00:55:39,820

risks of therapeutic goods including all

1451  
00:55:45,840 --> 00:55:42,450  
medicines and devices and in particular

1452  
00:55:48,840 --> 00:55:45,850  
the TGA aims to inform consumers that

1453  
00:55:50,880 --> 00:55:48,850  
they do not test austell drugs and as

1454  
00:55:53,910 --> 00:55:50,890  
such cannot guarantee that they work as

1455  
00:55:56,190 --> 00:55:53,920  
claimed so the TGA will continue to

1456  
00:55:58,130 --> 00:55:56,200  
accept austell listed products for

1457  
00:56:00,720 --> 00:55:58,140  
listing under the clearly flawed

1458  
00:56:03,120 --> 00:56:00,730  
self-assessment program and as a method

1459  
00:56:05,130 --> 00:56:03,130  
for improving transparency will inform

1460  
00:56:08,070 --> 00:56:05,140  
consumers that their system doesn't

1461  
00:56:10,260 --> 00:56:08,080  
really work it's also worth noting that

1462  
00:56:12,780 --> 00:56:10,270  
as a consumer you are free to make a

1463  
00:56:15,030 --> 00:56:12,790

complaint about a TGA listed product and

1464

00:56:17,280 --> 00:56:15,040

if the TGA agrees that this product has

1465

00:56:19,530 --> 00:56:17,290

breached regulations the complaints

1466

00:56:22,140 --> 00:56:19,540

resolution panel will issue a retraction

1467

00:56:24,330 --> 00:56:22,150

order to the company however if the

1468

00:56:26,850 --> 00:56:24,340

company chooses to ignore the sanctions

1469

00:56:29,130 --> 00:56:26,860

the TGA will not enforce them and

1470

00:56:31,350 --> 00:56:29,140

between thirty and fifty percent of

1471

00:56:33,360 --> 00:56:31,360

companies which get called out for

1472

00:56:35,760 --> 00:56:33,370

making false claims do ignore these

1473

00:56:39,540 --> 00:56:35,770

sanctions and the TGA has never made a

1474

00:56:41,520 --> 00:56:39,550

prosecution for refusing to comply now

1475

00:56:43,650 --> 00:56:41,530

another issue concerning transparency

1476

00:56:45,990 --> 00:56:43,660

for the general public is the results of

1477

00:56:48,150 --> 00:56:46,000

an investigation by the TGA do not

1478

00:56:50,970 --> 00:56:48,160

appear on their website for up to six

1479

00:56:52,710 --> 00:56:50,980

months so a consumer searching the web

1480

00:56:55,290 --> 00:56:52,720

has little chance of knowing that the

1481

00:56:57,090 --> 00:56:55,300

product is making false claims now this

1482

00:56:59,970 --> 00:56:57,100

black hole where TGA complaints

1483

00:57:02,040 --> 00:56:59,980

disappear was covered by ABC's late line

1484

00:57:04,710 --> 00:57:02,050

program earlier this year with respect

1485

00:57:07,040 --> 00:57:04,720

to a homeopathy website the claim they

1486

00:57:09,570 --> 00:57:07,050

could cure cancer and AIDS with water

1487

00:57:11,790 --> 00:57:09,580

when the story broke the owner of the

1488

00:57:14,130 --> 00:57:11,800

website not only continued to ignore the

1489

00:57:15,900 --> 00:57:14,140

sanctions but jumped the shark by

1490

00:57:17,190 --> 00:57:15,910

publishing a response to the story

1491

00:57:18,990 --> 00:57:17,200

replete with

1492

00:57:21,000 --> 00:57:19,000

dozens of links which was supposed to

1493

00:57:23,490 --> 00:57:21,010

justify why their claims were correct

1494

00:57:25,319 --> 00:57:23,500

one would hope that the review currently

1495

00:57:28,230 --> 00:57:25,329

up for public comment will address and

1496

00:57:30,540 --> 00:57:28,240

correct some of these issues as it

1497

00:57:32,370 --> 00:57:30,550

stands the burden is on the consumer to

1498

00:57:35,130 --> 00:57:32,380

determine whether a product works or not

1499

00:57:37,140 --> 00:57:35,140

as an official-looking austell number is

1500

00:57:40,470 --> 00:57:37,150

apparently no guarantee that the product

1501  
00:57:42,210 --> 00:57:40,480  
does what it claims although some of the

1502  
00:57:44,849 --> 00:57:42,220  
products removed in the recent review

1503  
00:57:46,770 --> 00:57:44,859  
will remove for only minor reasons how

1504  
00:57:48,450 --> 00:57:46,780  
the consumer is meant to differentiate

1505  
00:57:50,130 --> 00:57:48,460  
between the wrong type face on the

1506  
00:57:53,760 --> 00:57:50,140  
bottle or whether the product actually

1507  
00:57:55,589 --> 00:57:53,770  
does what it says is not knowing perhaps

1508  
00:57:58,020 --> 00:57:55,599  
the TGA might like to improve their

1509  
00:58:01,500 --> 00:57:58,030  
transparency in this case by telling us

1510  
00:58:03,630 --> 00:58:01,510  
which products were removed and why so

1511  
00:58:05,339 --> 00:58:03,640  
if the TGA can't guarantee us that these

1512  
00:58:07,500 --> 00:58:05,349  
products that they've listed actually

1513  
00:58:10,260 --> 00:58:07,510

work the next best thing would be to ask

1514

00:58:12,810 --> 00:58:10,270

a pharmacist which is where many of

1515

00:58:15,270 --> 00:58:12,820

these products end up eventually but

1516

00:58:17,970 --> 00:58:15,280

from my limited experience this exercise

1517

00:58:19,650 --> 00:58:17,980

can also be hit and miss as I found out

1518

00:58:21,930 --> 00:58:19,660

when I've asked pharmacists about

1519

00:58:25,260 --> 00:58:21,940

homeopathy in several pharmacies across

1520

00:58:27,390 --> 00:58:25,270

Sydney some have told myself and Richard

1521

00:58:29,750 --> 00:58:27,400

Saunders that it's herbal others don't

1522

00:58:33,180 --> 00:58:29,760

know what it is and very few actually

1523

00:58:35,250 --> 00:58:33,190

understand what homeopathy is so if you

1524

00:58:38,579 --> 00:58:35,260

are in Australia you can submit comment

1525

00:58:41,099 --> 00:58:38,589

to the TGA review by february 11 2011

1526  
00:58:42,690 --> 00:58:41,109  
the panel are asking for submissions

1527  
00:58:44,599 --> 00:58:42,700  
from health professionals and the

1528  
00:58:46,770 --> 00:58:44,609  
general public on several topics

1529  
00:58:49,020 --> 00:58:46,780  
including where it could have been

1530  
00:58:50,819 --> 00:58:49,030  
useful for you to have had access to

1531  
00:58:53,730 --> 00:58:50,829  
better information about your medicine

1532  
00:58:55,170 --> 00:58:53,740  
supplement or device and how you would

1533  
00:58:56,940 --> 00:58:55,180  
like to have access to that information

1534  
00:58:59,099 --> 00:58:56,950  
whether through your pharmacist or

1535  
00:59:01,020 --> 00:58:59,109  
through the internet I've put all the

1536  
00:59:03,750 --> 00:59:01,030  
information about how you can find the

1537  
00:59:06,930 --> 00:59:03,760  
websites and make comment on my blog at

1538  
00:59:08,640 --> 00:59:06,940

skeptics book calm happy new year to all

1539

00:59:11,069 --> 00:59:08,650

my listeners and thanks for all the

1540

00:59:21,880 --> 00:59:11,079

feedback in 2010 and until next time

1541

00:59:28,550 --> 00:59:24,589

rational capital the podcast for science

1542

00:59:30,050 --> 00:59:28,560

and skepticism in and about Canberra say

1543

00:59:37,130 --> 00:59:30,060

it like you mean it there's nothing

1544

00:59:50,380 --> 00:59:37,140

magical miraculous about that find out

1545

00:59:54,279 --> 00:59:52,779

thank you for downloading the skeptic

1546

00:59:56,890 --> 00:59:54,289

zone on the next show we've got another

1547

01:00:00,190 --> 00:59:56,900

surprise guest host and even more great

1548

01:00:02,049 --> 01:00:00,200

interviews from Tam Australia I want to

1549

01:00:05,470 --> 01:00:02,059

share a little bit of news about my new

1550

01:00:07,960 --> 01:00:05,480

book skepp tied three pirates pyramids

1551

01:00:10,140 --> 01:00:07,970

and papyrus it will be available

1552

01:00:12,549 --> 01:00:10,150

sometime in january two thousand eleven

1553

01:00:14,859 --> 01:00:12,559

should be available to Australian buyers

1554

01:00:18,130 --> 01:00:14,869

hopefully the end of January possibly

1555

01:00:21,940 --> 01:00:18,140

februari you can get that on Sceptile

1556

01:00:24,279 --> 01:00:21,950

calm it is 50 chapters based on selected

1557

01:00:26,259 --> 01:00:24,289

sceptile episodes and adapted for print

1558

01:00:28,000 --> 01:00:26,269

it makes a great gift for people who

1559

01:00:30,849 --> 01:00:28,010

don't listen to podcasts which is most

1560

01:00:33,609 --> 01:00:30,859

people check it out pirates pyramids and

1561

01:00:34,990 --> 01:00:33,619

papyrus some very cool topics I think

1562

01:00:36,970 --> 01:00:35,000

it's approachable for anyone it's a

1563

01:00:39,519 --> 01:00:36,980

great introduction to anyone that you

1564

01:00:41,200 --> 01:00:39,529

want to ease into the idea of skepticism

1565

01:00:43,210 --> 01:00:41,210

I'm also trying something a little bit

1566

01:00:46,630 --> 01:00:43,220

new in 2011 I'm trying to do

1567

01:00:50,140 --> 01:00:46,640

crowdfunding for in fact video episodes

1568

01:00:51,700 --> 01:00:50,150

my in fact video series is also based on

1569

01:00:53,859 --> 01:00:51,710

selected scaphoid episodes their

1570

01:00:56,740 --> 01:00:53,869

condensed to about 3 minutes ideal for

1571

01:00:58,450 --> 01:00:56,750

web video there are suited for general

1572

01:01:00,099 --> 01:00:58,460

audiences and again it's the kind of

1573

01:01:01,960 --> 01:01:00,109

thing where it's it's trying to be an

1574

01:01:04,029 --> 01:01:01,970

introduction to skepticism for people

1575

01:01:05,799 --> 01:01:04,039

who don't know anything about it and

1576

01:01:08,009 --> 01:01:05,809

it's designed to be approachable and

1577

01:01:11,289 --> 01:01:08,019

friendly for for any audience

1578

01:01:13,809 --> 01:01:11,299

crowdfunding is where people can come to

1579

01:01:15,430 --> 01:01:13,819

a website and pledge money to say hey

1580

01:01:17,319 --> 01:01:15,440

I'll give you five bucks I'll give you

1581

01:01:19,660 --> 01:01:17,329

500 bucks whatever and if it reads

1582

01:01:21,039 --> 01:01:19,670

reaches a certain threshold then the

1583

01:01:22,480 --> 01:01:21,049

credit cards are actually charged the

1584

01:01:24,249 --> 01:01:22,490

money goes into the production of each

1585

01:01:25,569 --> 01:01:24,259

episode if it doesn't reach the

1586

01:01:28,299 --> 01:01:25,579

threshold then nobody gets charged

1587

01:01:30,519 --> 01:01:28,309

anything so far as I know don't quote me

1588

01:01:34,599 --> 01:01:30,529

on that anyway you can get information

1589

01:01:36,819 --> 01:01:34,609

on that at in fact video.com check it

1590

01:01:38,710 --> 01:01:36,829

out I would love to get your support as

1591

01:01:42,430 --> 01:01:38,720

for me right now I'm going back to

1592

01:01:46,029 --> 01:01:42,440

working on the sceptile podcast Sceptile

1593

01:01:48,549 --> 01:01:46,039

calm subscribe to it on itunes working

1594

01:01:50,589 --> 01:01:48,559

on some very cool new episodes for 2011

1595

01:01:52,779 --> 01:01:50,599

so thank you very much this has been a

1596

01:01:54,849 --> 01:01:52,789

lot of fun this is brian dunning signing

1597

01:01:57,759 --> 01:01:54,859

off from Laguna Niguel California and

1598

01:02:01,089 --> 01:01:57,769

wishing all skeptics own and Vince kept

1599

01:02:06,479 --> 01:02:01,099

I'd listeners a happy and safe 2011

1600

01:02:12,880 --> 01:02:08,890

you've been listening to the skeptic

1601

01:02:16,690 --> 01:02:12,890

zone visit our website at [www scripting](http://www.scripting)

1602

01:02:19,430 --> 01:02:16,700

zoomtv for comments contacts and extra

1603

01:02:27,400 --> 01:02:19,440

video reports