

**SKEPTIC
ZONE**



**THINKING CAPS
MUST BE WORN
IN THIS AREA**

The
Podcast
from
Australia
for
Science
and
Reason

www.skepticzone.tv

1
00:00:27,640 --> 00:00:24,670
hello dr. Rachel here welcome to the

2
00:00:31,300 --> 00:00:27,650
skeptical Zone episode 18 for february the

3
00:00:34,720 --> 00:00:31,310
20th 2009 this week we present a super

4
00:00:36,460 --> 00:00:34,730
special Ben Goldacre show part 1 is an

5
00:00:39,700 --> 00:00:36,470
exclusive interview about the Jenny

6
00:00:41,590 --> 00:00:39,710
Barnett lbc affair and part 2 is the

7
00:00:45,820 --> 00:00:41,600
continuation of my interview with Ben

8
00:00:47,830 --> 00:00:45,830
from two weeks ago but first if you

9
00:00:48,970 --> 00:00:47,840
turned into last week's show you would

10
00:00:51,430 --> 00:00:48,980
have heard me talk about the

11
00:00:53,260 --> 00:00:51,440
circumstances surrounding Ben Goldacre

12
00:00:56,620 --> 00:00:53,270
once again being threatened with legal

13
00:00:58,930 --> 00:00:56,630

action this followed him posting an

14

00:01:01,540 --> 00:00:58,940
excerpt from a January seventh broadcast

15

00:01:04,600 --> 00:01:01,550
of Jenny Barnett's talkback show on LBC

16

00:01:06,999 --> 00:01:04,610
radio this broadcast has probably become

17

00:01:10,870 --> 00:01:07,009
best known for Jenny's attack on a colon

18

00:01:12,460 --> 00:01:10,880
and yasmin an NHS nurse who called in to

19

00:01:16,570 --> 00:01:12,470
correct some of Jenny's misinformation

20

00:01:19,150 --> 00:01:16,580
about vaccinations on this week skeptics

21

00:01:22,240 --> 00:01:19,160
own special we speak to Ben Goldacre to

22

00:01:23,889 --> 00:01:22,250
get his side of the story and also his

23

00:01:26,469 --> 00:01:23,899
impressions of the phenomenal response

24

00:01:34,850 --> 00:01:26,479
from skeptical bloggers and supporters

25

00:01:40,590 --> 00:01:37,380
hello Ben Goldacre and welcome again to

26

00:01:42,390 --> 00:01:40,600

the skeptic sign hi hello hey Dee how

27

00:01:44,160 --> 00:01:42,400

are you is more to the point it's been a

28

00:01:46,740 --> 00:01:44,170

crazy week for you this week I imagine

29

00:01:48,330 --> 00:01:46,750

oh no that's all just sort of

30

00:01:53,160 --> 00:01:48,340

childishness and distractions isn't it

31

00:01:55,340 --> 00:01:53,170

and but you're right lbc did send me a

32

00:01:59,279 --> 00:01:55,350

sort of flower threatening legal thing

33

00:02:00,810 --> 00:01:59,289

which i don't think it's surprising that

34

00:02:04,230 --> 00:02:00,820

many people have interpreted their

35

00:02:07,219 --> 00:02:04,240

actions over the past week as an attempt

36

00:02:10,559 --> 00:02:07,229

to stifle debate on a very irresponsible

37

00:02:12,900 --> 00:02:10,569

piece of broadcasting by lbc and a

38

00:02:15,059 --> 00:02:12,910

couple of weeks ago can we get on to the

39

00:02:17,070 --> 00:02:15,069

contents of that broadcast in a moment

40

00:02:19,530 --> 00:02:17,080

band but can I start off by asking you a

41

00:02:21,600 --> 00:02:19,540

little bit about the phenomenal reaction

42

00:02:23,789 --> 00:02:21,610

that's occurred around the world from

43

00:02:25,350 --> 00:02:23,799

your supporters and bloggers it's really

44

00:02:27,780 --> 00:02:25,360

been a Streisand effect as they

45

00:02:30,660 --> 00:02:27,790

described it this week hasn't it it is

46

00:02:32,880 --> 00:02:30,670

yeah and I mean do people know what what

47

00:02:34,440 --> 00:02:32,890

happened or should I explain can you

48

00:02:37,110 --> 00:02:34,450

start off by telling us how it all

49

00:02:40,380 --> 00:02:37,120

started because you received this 44

50

00:02:42,270 --> 00:02:40,390

minute excerpt from Jenny banat lbc

51
00:02:44,190 --> 00:02:42,280
broadcast from a Raider janu is that how

52
00:02:46,229 --> 00:02:44,200
you became aware of it that's right yeah

53
00:02:47,849 --> 00:02:46,239
I mean I only really sort of write about

54
00:02:49,560 --> 00:02:47,859
stuff that people send in to me and

55
00:02:51,900 --> 00:02:49,570
actually I got contacted by a nurse

56
00:02:54,150 --> 00:02:51,910
called called Yasmin who had run into

57
00:02:56,460 --> 00:02:54,160
this radio show run by somebody called

58
00:02:59,009 --> 00:02:56,470
Jenny bonaire who's a very well known

59
00:03:01,920 --> 00:02:59,019
and wealthy TV and radio presenter in

60
00:03:03,930 --> 00:03:01,930
the UK and she'd Ryan because she'd

61
00:03:06,210 --> 00:03:03,940
heard Jenna Bonnette saying some really

62
00:03:08,880 --> 00:03:06,220
very foolishly responsible things about

63
00:03:11,670 --> 00:03:08,890

the MMR vaccine which as you know in the

64

00:03:13,920 --> 00:03:11,680

UK is a long-standing effectively hoax

65

00:03:16,560 --> 00:03:13,930

perpetrated by the media for the past 10

66

00:03:18,150 --> 00:03:16,570

years and and it's it's the most

67

00:03:20,220 --> 00:03:18,160

powerful example I think of

68

00:03:24,569 --> 00:03:20,230

irresponsible science broadcasting and

69

00:03:26,849 --> 00:03:24,579

in the UK because the media's MMR hoax

70

00:03:28,650 --> 00:03:26,859

has resulted in quite sort of serious

71

00:03:31,770 --> 00:03:28,660

public health consequences there was the

72

00:03:37,470 --> 00:03:31,780

mumps outbreak in 2005 which is arguably

73

00:03:39,840 --> 00:03:37,480

down to and the drop in MMR use and then

74

00:03:42,660 --> 00:03:39,850

there's also the exponential rise in

75

00:03:44,820 --> 00:03:42,670

measles cases which have gone up by at

76
00:03:46,400 --> 00:03:44,830
least two thousand percent over the past

77
00:03:49,980 --> 00:03:46,410
seven years that the

78
00:03:51,570 --> 00:03:49,990
has been running so there was this very

79
00:03:53,190 --> 00:03:51,580
irresponsible piece of broadcasting and

80
00:03:54,330 --> 00:03:53,200
yasmin as a nurse who'd run in and tried

81
00:03:57,030 --> 00:03:54,340
to sort of counter some of the

82
00:03:59,850 --> 00:03:57,040
foolishness being spouted by Jenny

83
00:04:00,930 --> 00:03:59,860
Barnett and others and was sort of very

84
00:04:05,640 --> 00:04:00,940
concerned and said you might be

85
00:04:08,550 --> 00:04:05,650
interested in this clip so I went to the

86
00:04:11,100 --> 00:04:08,560
site grabbed a copy excerpted just the

87
00:04:12,570 --> 00:04:11,110
bit that was that was about MMR which

88
00:04:14,850 --> 00:04:12,580

was about a fully four minutes long and

89

00:04:17,220 --> 00:04:14,860

when i say i accepted it i mean what i

90

00:04:20,370 --> 00:04:17,230

actually did was I posted it on Twitter

91

00:04:24,120 --> 00:04:20,380

saying has anybody got the necessary

92

00:04:26,640 --> 00:04:24,130

skills to cut down mp3 for me please and

93

00:04:27,990 --> 00:04:26,650

somebody I have no idea who I can't

94

00:04:29,850 --> 00:04:28,000

remember his name it's terrible is my

95

00:04:31,410 --> 00:04:29,860

aunt I hope to thank him properly and

96

00:04:33,230 --> 00:04:31,420

but somebody just sort of you know

97

00:04:37,590 --> 00:04:33,240

pinged me back with an email and said

98

00:04:39,540 --> 00:04:37,600

here it is and I posted it up on my blog

99

00:04:40,890 --> 00:04:39,550

assuming that this was you know a fairly

100

00:04:42,690 --> 00:04:40,900

normal and reasonable thing to do and I

101
00:04:44,040 --> 00:04:42,700
posted up saying you know this is a

102
00:04:47,280 --> 00:04:44,050
ridiculous clip and here are some of the

103
00:04:49,380 --> 00:04:47,290
ridiculous things in it and and it's my

104
00:04:51,540 --> 00:04:49,390
belief that this exemplifies some of the

105
00:04:54,630 --> 00:04:51,550
worst you know this is this is a good

106
00:04:56,640 --> 00:04:54,640
illustration of the wider problem of the

107
00:04:59,880 --> 00:04:56,650
misrepresentation of evidence on MMR in

108
00:05:03,090 --> 00:04:59,890
the media and it and in fact what I was

109
00:05:04,590 --> 00:05:03,100
hoping for was because it was so bad I

110
00:05:07,560 --> 00:05:04,600
mean you have to listen to it really is

111
00:05:10,440 --> 00:05:07,570
very very bad I believe me believe me

112
00:05:11,820 --> 00:05:10,450
when I listen to it in some respects I

113
00:05:14,970 --> 00:05:11,830

mean you have to take pleasure from this

114

00:05:17,280 --> 00:05:14,980

thickness you know but it wasn't easy it

115

00:05:21,090 --> 00:05:17,290

wasn't easy it's not easy listening no

116

00:05:23,280 --> 00:05:21,100

it's not Burt Bacharach um but but the

117

00:05:25,200 --> 00:05:23,290

the thing that I was hoping for was that

118

00:05:27,480 --> 00:05:25,210

it would be and it would be a useful

119

00:05:31,710 --> 00:05:27,490

resource because it felt to me as if it

120

00:05:33,630 --> 00:05:31,720

this clip genuinely did exemplify almost

121

00:05:34,260 --> 00:05:33,640

every single one of the canard almost

122

00:05:36,240 --> 00:05:34,270

every single one of the

123

00:05:38,909 --> 00:05:36,250

misunderstandings and misrepresentations

124

00:05:41,250 --> 00:05:38,919

that quacks and irresponsible

125

00:05:43,590 --> 00:05:41,260

journalists have made about MMR vaccines

126

00:05:45,600 --> 00:05:43,600

over the past ten years and it felt to

127

00:05:47,940 --> 00:05:45,610

me like it was almost the sort of you

128

00:05:49,740 --> 00:05:47,950

know the the document it was that it was

129

00:05:51,060 --> 00:05:49,750

the paradigm ask use on for the perfect

130

00:05:53,400 --> 00:05:51,070

illustration it was you know there was

131

00:05:55,440 --> 00:05:53,410

you know it was everything you need to

132

00:05:57,779 --> 00:05:55,450

know about how the media have

133

00:05:59,820 --> 00:05:57,789

misrepresented the evidence on omr with

134

00:06:01,980 --> 00:05:59,830

such catastrophic and try

135

00:06:03,780 --> 00:06:01,990

consequence and there was in a bit

136

00:06:07,710 --> 00:06:03,790

there were maybe sort of I don't know 50

137

00:06:09,420 --> 00:06:07,720

or 100 responses on the blog and you

138

00:06:10,590 --> 00:06:09,430

know you can't you can't make people on

139

00:06:12,090 --> 00:06:10,600

the internet do what you want and you

140

00:06:14,310 --> 00:06:12,100

wouldn't want to it's you know it's like

141

00:06:15,540 --> 00:06:14,320

herding cats or making water flow

142

00:06:17,430 --> 00:06:15,550

downhill you know you sort of throw

143

00:06:19,260 --> 00:06:17,440

ideas out there and I have to admit like

144

00:06:20,430 --> 00:06:19,270

a little bit of me a tiny little bit me

145

00:06:22,230 --> 00:06:20,440

because I don't you know it's not that I

146

00:06:23,670 --> 00:06:22,240

think people should do what I would like

147

00:06:26,010 --> 00:06:23,680

them to do but a tiny little bit of me

148

00:06:27,240 --> 00:06:26,020

sort of felt are you know some of the

149

00:06:28,650 --> 00:06:27,250

comments here are really good but I was

150

00:06:30,300 --> 00:06:28,660

really hoping that people would really

151

00:06:32,460 --> 00:06:30,310

go for it and that we could we could

152

00:06:34,230 --> 00:06:32,470

sort of you know take analyze this line

153

00:06:35,370 --> 00:06:34,240

by line and have this perfect thing but

154

00:06:36,990 --> 00:06:35,380

it I guess it looks like that's going to

155

00:06:38,490 --> 00:06:37,000

happen and that's not a problem you know

156

00:06:40,710 --> 00:06:38,500

and maybe I'll find the time myself to

157

00:06:43,020 --> 00:06:40,720

go through all 44 minutes and the post

158

00:06:44,670 --> 00:06:43,030

was pretty much dead you know so I got

159

00:06:45,870 --> 00:06:44,680

this thing from their head of legal and

160

00:06:48,570 --> 00:06:45,880

it was all right you have to take this

161

00:06:50,930 --> 00:06:48,580

down it's a copyright infringement words

162

00:06:53,250 --> 00:06:50,940

I don't even know the meaning of and and

163

00:06:57,180 --> 00:06:53,260

obviously I did what what literally

164

00:06:59,130 --> 00:06:57,190

anybody would do which is and I took it

165

00:07:02,250 --> 00:06:59,140

down because i don't have the personal

166

00:07:05,010 --> 00:07:02,260

resources to fight alien to fighter a

167

00:07:06,960 --> 00:07:05,020

case over a gray area in copyright I

168

00:07:09,720 --> 00:07:06,970

mean that's you know it's ridiculous the

169

00:07:12,270 --> 00:07:09,730

lbc and global radio are a company

170

00:07:14,730 --> 00:07:12,280

valued at hundreds of millions of pounds

171

00:07:17,250 --> 00:07:14,740

global radio bought lbc a couple of

172

00:07:19,410 --> 00:07:17,260

years ago for 117 million pounds so

173

00:07:21,510 --> 00:07:19,420

global radio themselves must be worth an

174

00:07:22,800 --> 00:07:21,520

enormous amount of money and it's all

175

00:07:24,210 --> 00:07:22,810

very well for them to say well you know

176

00:07:27,180 --> 00:07:24,220

it's a legal gray area we could argue

177

00:07:29,490 --> 00:07:27,190

the toss but in reality it's very

178

00:07:31,530 --> 00:07:29,500

obvious that there's no way I can I can

179

00:07:33,060 --> 00:07:31,540

argue the toss about this I mean yeah

180

00:07:35,510 --> 00:07:33,070

then lots of people really quite

181

00:07:40,080 --> 00:07:35,520

touching actually sort of went you know

182

00:07:42,360 --> 00:07:40,090

this is a bad thing and can I tell you

183

00:07:46,110 --> 00:07:42,370

what happened on on this side bin yeah

184

00:07:48,060 --> 00:07:46,120

yeah I in fact had a copy of of it from

185

00:07:50,310 --> 00:07:48,070

the your podcast but I hadn't heard it

186

00:07:53,040 --> 00:07:50,320

yet and Richard Saunders had heard it

187

00:07:54,600 --> 00:07:53,050

and he said to me that he will he wanted

188

00:07:56,130 --> 00:07:54,610

to play it to me but he said to me I

189

00:07:57,720 --> 00:07:56,140

know that after five minutes you're

190

00:08:00,840 --> 00:07:57,730

going to start screaming me and telling

191

00:08:03,420 --> 00:08:00,850

me to stop turn it off and that indeed

192

00:08:04,740 --> 00:08:03,430

is exactly what happened in fact it is

193

00:08:06,660 --> 00:08:04,750

quite you do have to be sort of

194

00:08:09,270 --> 00:08:06,670

physically restrained to listen to it

195

00:08:11,280 --> 00:08:09,280

it's very difficult and we've talked

196

00:08:13,260 --> 00:08:11,290

about this on our podcast last night and

197

00:08:14,760 --> 00:08:13,270

I mentioned to people if they are a bit

198

00:08:16,500 --> 00:08:14,770

sensitive just stupidity they should

199

00:08:18,660 --> 00:08:16,510

perhaps consider reading the transcript

200

00:08:20,130 --> 00:08:18,670

which is a bit less painful I disagree

201

00:08:22,050 --> 00:08:20,140

really i mean i think i think the

202

00:08:24,540 --> 00:08:22,060

hilariousness of how of how they back of

203

00:08:26,040 --> 00:08:24,550

how their actions of backfired is when

204

00:08:27,840 --> 00:08:26,050

it's written down in black and white I

205

00:08:29,420 --> 00:08:27,850

mean I agreed that you know her

206

00:08:32,490 --> 00:08:29,430

presentation and voice is obviously

207

00:08:33,870 --> 00:08:32,500

confrontational and and and hostile and

208

00:08:35,610 --> 00:08:33,880

infuriating and that's why she's

209

00:08:37,830 --> 00:08:35,620

employed by the talk radio station

210

00:08:39,810 --> 00:08:37,840

because she you know confrontational and

211

00:08:41,640 --> 00:08:39,820

infuriating that's you know that's her

212

00:08:43,860 --> 00:08:41,650

that's her appeal but actually I think

213

00:08:47,130 --> 00:08:43,870

when it's written in black and white it

214

00:08:48,630 --> 00:08:47,140

looks quite a bit worse we decided to

215

00:08:50,550 --> 00:08:48,640

post it on YouTube I don't know if you

216

00:08:52,560 --> 00:08:50,560

if you know it's up there but Richard

217

00:08:55,170 --> 00:08:52,570

put it up on YouTube because that was

218

00:08:57,120 --> 00:08:55,180

when the you had said help I don't want

219

00:08:58,650 --> 00:08:57,130

to have it up anymore yeah yeah so we

220

00:08:59,940 --> 00:08:58,660

stuck it up there and then then after

221

00:09:01,530 --> 00:08:59,950

that that was when everyone started

222

00:09:04,860 --> 00:09:01,540

blogging about it and then it eventually

223

00:09:06,900 --> 00:09:04,870

appeared on Wikileaks did yeah and also

224

00:09:08,880 --> 00:09:06,910

people started doing some transcripts of

225

00:09:10,950 --> 00:09:08,890

it and then hosting two different

226

00:09:13,620 --> 00:09:10,960

sections of the transcript in different

227

00:09:15,870 --> 00:09:13,630

places and so you know it was a sort of

228

00:09:17,430 --> 00:09:15,880

it was a very predictable outcome i mean

229

00:09:20,100 --> 00:09:17,440

i think that surprised me i suppose was

230

00:09:21,720 --> 00:09:20,110

the story gets worse as as you know and

231

00:09:23,460 --> 00:09:21,730

as what comes to but you've kind of got

232

00:09:27,360 --> 00:09:23,470

a wonder whether i get the sense that

233

00:09:30,180 --> 00:09:27,370

Jenny Barnett and lbc didn't really have

234

00:09:31,500 --> 00:09:30,190

very good PR advice on this and didn't

235

00:09:33,780 --> 00:09:31,510

really have very good new media advice

236

00:09:35,340 --> 00:09:33,790

and actually I think also not really

237

00:09:37,590 --> 00:09:35,350

very good legal advice because I think

238

00:09:41,220 --> 00:09:37,600

in an ideal world the advice that you

239

00:09:44,180 --> 00:09:41,230

get from a lawyer on issues of copyright

240

00:09:48,030 --> 00:09:44,190

and reputation and defamation and so on

241

00:09:50,970 --> 00:09:48,040

should also include a consideration of

242

00:09:53,760 --> 00:09:50,980

the risks and of being perceived as

243

00:09:55,260 --> 00:09:53,770

being heavy-handed but perhaps we are I

244

00:09:57,600 --> 00:09:55,270

mean I don't know what the sort of Chile

245

00:09:59,820 --> 00:09:57,610

chain of reasoning was for OBC I suppose

246

00:10:01,770 --> 00:09:59,830

I don't really mind except i mean the

247

00:10:04,320 --> 00:10:01,780

phenomenal insight lessness that they

248

00:10:06,780 --> 00:10:04,330

have demonstrated synthesis is genuinely

249

00:10:08,040 --> 00:10:06,790

staggering actually so your blog crushed

250

00:10:11,040 --> 00:10:08,050

a couple of times because there was

251
00:10:12,540 --> 00:10:11,050
latest like and yeah going Boing I think

252
00:10:13,890 --> 00:10:12,550
it got linked on Boing Boing which i

253
00:10:16,830 --> 00:10:13,900
think is that if boy boy still the

254
00:10:19,350 --> 00:10:16,840
biggest blog on the internet because it

255
00:10:21,270 --> 00:10:19,360
is fairly stupid really that you know 44

256
00:10:23,730 --> 00:10:21,280
minutes of a clip of something that was

257
00:10:24,360 --> 00:10:23,740
broadcast into our kitchens and cars on

258
00:10:28,440 --> 00:10:24,370
public

259
00:10:30,030 --> 00:10:28,450
airwaves you know I mean it's pretty

260
00:10:32,220 --> 00:10:30,040
natural to assume that if you've if

261
00:10:35,220 --> 00:10:32,230
there's some audio from that that's made

262
00:10:37,110 --> 00:10:35,230
up substantially if people from whom

263
00:10:38,970 --> 00:10:37,120

members of the public ringing in and and

264

00:10:40,920 --> 00:10:38,980

you know it's a matter of really

265

00:10:42,540 --> 00:10:40,930

important public discussion and stuff I

266

00:10:44,519 --> 00:10:42,550

mean I don't know what the law says but

267

00:10:45,810 --> 00:10:44,529

if the law says that's wrong and I don't

268

00:10:47,130 --> 00:10:45,820

have the money to find out if it does or

269

00:10:48,600 --> 00:10:47,140

not if the law says that's wrong then

270

00:10:50,160 --> 00:10:48,610

the laws is wrong as far as I'm

271

00:10:53,550 --> 00:10:50,170

concerned but anyway then weirdly

272

00:10:55,890 --> 00:10:53,560

Stephen Fry and I've seen ya and fries

273

00:10:58,140 --> 00:10:55,900

equal famous in Australian around yet

274

00:11:01,110 --> 00:10:58,150

Stephen Fry how he ever did it and he's

275

00:11:03,750 --> 00:11:01,120

got about a bazillion Twitter followers

276

00:11:05,550 --> 00:11:03,760

and Festing Stephen probably posted a

277

00:11:07,350 --> 00:11:05,560

comment on my blog which is like a sort

278

00:11:11,720 --> 00:11:07,360

of Internet knighthood I really felt

279

00:11:14,640 --> 00:11:11,730

like I won the internet little bit and

280

00:11:16,590 --> 00:11:14,650

and that brought in lots of visitors and

281

00:11:18,870 --> 00:11:16,600

yeah well I mean to say the web site

282

00:11:21,360 --> 00:11:18,880

crashes bit unfair well no I mean the

283

00:11:23,070 --> 00:11:21,370

website did crash sure so can you tell

284

00:11:25,230 --> 00:11:23,080

us something about the early day motion

285

00:11:27,630 --> 00:11:25,240

that's now going on in become with

286

00:11:30,360 --> 00:11:27,640

Norman lamb and Evan Harris what's that

287

00:11:32,010 --> 00:11:30,370

all about yeah well so then exactly

288

00:11:33,720 --> 00:11:32,020

explain to us what that is been because

289

00:11:35,760 --> 00:11:33,730

Australians don't know what that means

290

00:11:37,890 --> 00:11:35,770

can you just give us a brief overview of

291

00:11:39,360 --> 00:11:37,900

what an early day motion is okay so an

292

00:11:40,650 --> 00:11:39,370

early day motion isn't like you know

293

00:11:42,150 --> 00:11:40,660

it's not like an act of parliament it's

294

00:11:44,519 --> 00:11:42,160

not this sort of amazing big exciting

295

00:11:47,610 --> 00:11:44,529

thing and but an early day motion is

296

00:11:49,769 --> 00:11:47,620

basically if there's an MP who and who

297

00:11:51,870 --> 00:11:49,779

thinks that you know who has something

298

00:11:53,730 --> 00:11:51,880

important that they think and needs

299

00:11:57,030 --> 00:11:53,740

attention and perhaps needs a show of

300

00:11:58,410 --> 00:11:57,040

support from other MPs and and that may

301
00:12:00,870 --> 00:11:58,420
be a sort of seed for subsequent

302
00:12:02,280 --> 00:12:00,880
political action and then they can put

303
00:12:04,079 --> 00:12:02,290
an early day motion down it goes in a

304
00:12:07,230 --> 00:12:04,089
Birkin in the lobby or somewhere in

305
00:12:09,170 --> 00:12:07,240
Parliament and and then MPs can sign it

306
00:12:11,400 --> 00:12:09,180
to demonstrate their support and and

307
00:12:15,660 --> 00:12:11,410
members of the public can contact their

308
00:12:17,340 --> 00:12:15,670
MP and ask them to sign it Emily Harris

309
00:12:18,780 --> 00:12:17,350
but actually the make the proposal i

310
00:12:20,550 --> 00:12:18,790
think was was officially Norman Lamb

311
00:12:23,550 --> 00:12:20,560
whose the lib dems shadows but shadow

312
00:12:27,570 --> 00:12:23,560
health secretary or whatever posted that

313
00:12:29,160 --> 00:12:27,580

up and yeah it's been signed by 28 MP so

314

00:12:30,870 --> 00:12:29,170

far which isn't bad for an early day

315

00:12:32,790 --> 00:12:30,880

motion I have to say and it's some and

316

00:12:35,430 --> 00:12:32,800

it's been signed by proper people you

317

00:12:37,590 --> 00:12:35,440

know and Glenda Jackson more cotan what

318

00:12:37,920 --> 00:12:37,600

is in this early day motion right what

319

00:12:40,740 --> 00:12:37,930

is it

320

00:12:43,470 --> 00:12:40,750

they sang MMR vaccine and the media EDM

321

00:12:45,300 --> 00:12:43,480

75 for that this house expresses its

322

00:12:47,460 --> 00:12:45,310

support for the combined MMR vaccine

323

00:12:48,990 --> 00:12:47,470

notes with concern the re-emergence of

324

00:12:50,370 --> 00:12:49,000

measles and the loss of life and

325

00:12:52,019 --> 00:12:50,380

long-term health problems which will

326

00:12:53,790 --> 00:12:52,029

afflicts children as a result of the

327

00:12:55,440 --> 00:12:53,800

decline in the vaccination rate which

328

00:12:57,960 --> 00:12:55,450

followed dr. Andrew Wakefield's now

329

00:13:00,230 --> 00:12:57,970

discredited research paper suggesting a

330

00:13:02,160 --> 00:13:00,240

link between MMR vaccine and autism

331

00:13:04,139 --> 00:13:02,170

expresses its disappointment that

332

00:13:06,810 --> 00:13:04,149

ill-informed comments by presenters such

333

00:13:08,579 --> 00:13:06,820

as Jenny Barnett on her lbc radio show

334

00:13:10,470 --> 00:13:08,589

will continue to cause unfounded

335

00:13:11,850 --> 00:13:10,480

anxieties for many parents and are

336

00:13:14,090 --> 00:13:11,860

likely to result in some parents

337

00:13:16,320 --> 00:13:14,100

choosing not to vaccinate their children

338

00:13:17,910 --> 00:13:16,330

recognizes the right of jelly barnett as

339

00:13:20,010 --> 00:13:17,920

a parent to make her own judgment about

340

00:13:22,410 --> 00:13:20,020

vaccinations for her own children but

341

00:13:23,940 --> 00:13:22,420

implores her and others in the media to

342

00:13:25,530 --> 00:13:23,950

act more responsibly when making

343

00:13:27,870 --> 00:13:25,540

comments in the public domain and

344

00:13:30,090 --> 00:13:27,880

further expresses its hope that in the

345

00:13:31,860 --> 00:13:30,100

future reporting on the issue of MMR

346

00:13:36,510 --> 00:13:31,870

will be less sensationalist and more

347

00:13:38,519 --> 00:13:36,520

evidence-based so that's fantastic it is

348

00:13:40,680 --> 00:13:38,529

pretty good isn't it and if you were

349

00:13:42,870 --> 00:13:40,690

sort of I mean it's a bit us it's a bit

350

00:13:45,329 --> 00:13:42,880

of a slap down Jenny pon it in lbc is

351

00:13:47,100 --> 00:13:45,339

now an eva thought it was me at that

352

00:13:49,110 --> 00:13:47,110

point I'd have gone all right look you

353

00:13:51,900 --> 00:13:49,120

know we're sorry it was foolish let me

354

00:13:53,070 --> 00:13:51,910

just say publicly I'm you know we're

355

00:13:55,829 --> 00:13:53,080

really going to try not to do this again

356

00:13:57,420 --> 00:13:55,839

and we're not going to let Jenny Barnett

357

00:13:58,949 --> 00:13:57,430

talk about medical issues until she's

358

00:14:01,110 --> 00:13:58,959

bothered to familiarize herself with the

359

00:14:02,850 --> 00:14:01,120

basics of the discipline because we

360

00:14:03,780 --> 00:14:02,860

wouldn't let somebody talk about sport

361

00:14:06,240 --> 00:14:03,790

if they didn't know the difference

362

00:14:07,530 --> 00:14:06,250

between cricket and rugby so why do we

363

00:14:09,050 --> 00:14:07,540

have this person talking about medical

364

00:14:12,870 --> 00:14:09,060

issues and science when they don't

365

00:14:14,910 --> 00:14:12,880

understand the absolute basics and you

366

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

might also say look you know here's the

367

00:14:19,920 --> 00:14:16,930

clip we're hosting it free to access

368

00:14:22,500 --> 00:14:19,930

here you are here it is fine and job

369

00:14:25,860 --> 00:14:22,510

done but instead they just continued to

370

00:14:27,269 --> 00:14:25,870

to inflame and big do things which I

371

00:14:29,040 --> 00:14:27,279

think a lot of people again are

372

00:14:30,329 --> 00:14:29,050

interpreting as further efforts to

373

00:14:32,970 --> 00:14:30,339

stifle debate and I think they've had

374

00:14:35,310 --> 00:14:32,980

very very bad PR advice again I mean I

375

00:14:36,660 --> 00:14:35,320

almost feel sorry for Jenny barling one

376

00:14:39,230 --> 00:14:36,670

of the things that happened in the last

377

00:14:41,790 --> 00:14:39,240

couple of days been was Jenny's agent

378

00:14:44,210 --> 00:14:41,800

came out and said that she's been

379

00:14:47,250 --> 00:14:44,220

receiving abusive emails and abusive

380

00:14:49,050 --> 00:14:47,260

personal attacks on her blog and that

381

00:14:51,630 --> 00:14:49,060

was the reasons why she took off the

382

00:14:51,780 --> 00:14:51,640

comments from people that were writing

383

00:14:53,220 --> 00:14:51,790

on

384

00:14:56,070 --> 00:14:53,230

blog and saying hey we think you might

385

00:15:00,420 --> 00:14:56,080

be misinformed yeah this person who were

386

00:15:03,300 --> 00:15:00,430

who were sort of invited to feel sorry

387

00:15:05,490 --> 00:15:03,310

for because she's been upset by by

388

00:15:07,080 --> 00:15:05,500

horrible comments I mean firstly they

389

00:15:08,640 --> 00:15:07,090

said holy examine listen they weren't I

390

00:15:09,720 --> 00:15:08,650

don't think any really very horrible

391

00:15:11,340 --> 00:15:09,730

comments on her blog there were more

392

00:15:15,120 --> 00:15:11,350

horrible comments on her blog about me

393

00:15:16,710 --> 00:15:15,130

than ever and I think I mean I think I

394

00:15:20,820 --> 00:15:16,720

think everybody has to be very careful

395

00:15:23,520 --> 00:15:20,830

in in debates like this and not to sort

396

00:15:25,380 --> 00:15:23,530

of childishly start competing for

397

00:15:27,330 --> 00:15:25,390

victimhood and the sort of role as the

398

00:15:28,650 --> 00:15:27,340

most bullied person you know there are

399

00:15:30,180 --> 00:15:28,660

some idiots on the internet who post

400

00:15:33,570 --> 00:15:30,190

stupid things but that's not a new story

401
00:15:35,910 --> 00:15:33,580
you know and yeah but also yeah you're

402
00:15:39,150 --> 00:15:35,920
right i mean there was a there was a an

403
00:15:40,530 --> 00:15:39,160
era of irony and I suppose hypocrisy you

404
00:15:43,050 --> 00:15:40,540
know on the one hand here was somebody

405
00:15:45,570 --> 00:15:43,060
who's saying and I'm being really

406
00:15:48,710 --> 00:15:45,580
horribly treated here in bullied but on

407
00:15:52,410 --> 00:15:48,720
the other hand yeah a very wealthy and

408
00:15:55,050 --> 00:15:52,420
TV presenter and radio presenter on her

409
00:15:58,530 --> 00:15:55,060
very well about Brett well read personal

410
00:16:00,030 --> 00:15:58,540
blog was posting very very inappropriate

411
00:16:01,710 --> 00:16:00,040
things about a nurse he'd run into her

412
00:16:03,480 --> 00:16:01,720
program Yasmin who was extremely polite

413
00:16:04,890 --> 00:16:03,490

and courteous I mean the ridiculous

414

00:16:07,530 --> 00:16:04,900

thing about them she was about them

415

00:16:10,170 --> 00:16:07,540

insisting on taking the clipdown is what

416

00:16:11,490 --> 00:16:10,180

how am I gonna how am I gonna prove to

417

00:16:14,280 --> 00:16:11,500

you that Yasmin was polite and courteous

418

00:16:16,440 --> 00:16:14,290

and nice you know because i'll be seeing

419

00:16:21,210 --> 00:16:16,450

them won't let you hear the clip you

420

00:16:23,010 --> 00:16:21,220

know here is a really wealthy television

421

00:16:25,830 --> 00:16:23,020

presenter radio presenter with with

422

00:16:28,770 --> 00:16:25,840

access with a platform and to my mind

423

00:16:30,840 --> 00:16:28,780

she abused fat by describing Yasmin a

424

00:16:32,490 --> 00:16:30,850

nurse who works for the NHS for the

425

00:16:34,680 --> 00:16:32,500

public good who rang up very politely

426
00:16:38,600 --> 00:16:34,690
and courteously by describing her as

427
00:16:41,570 --> 00:16:38,610
vicious and then most crucially of all

428
00:16:44,580 --> 00:16:41,580
deleting all the comments from her blog

429
00:16:47,310 --> 00:16:44,590
including you know defense you know

430
00:16:50,130 --> 00:16:47,320
people who were defending and Yasmin

431
00:16:51,840 --> 00:16:50,140
against that accusation so Ben what what

432
00:16:54,270 --> 00:16:51,850
do you think of this sort of destroys

433
00:16:55,590 --> 00:16:54,280
and effect that God got all these people

434
00:16:57,480 --> 00:16:55,600
together from all over the world it was

435
00:16:58,920 --> 00:16:57,490
like a new sort of skeptical false in a

436
00:17:01,470 --> 00:16:58,930
way wasn't it that almost happened

437
00:17:03,240 --> 00:17:01,480
overnight it was amazing I mean I

438
00:17:05,079 --> 00:17:03,250

wouldn't want to be sort of narcissistic

439

00:17:08,199 --> 00:17:05,089

about it I mean I don't you know

440

00:17:10,779 --> 00:17:08,209

it was like a lot go away no but it was

441

00:17:12,819 --> 00:17:10,789

a hose it's it's kind of it's kind of

442

00:17:16,329 --> 00:17:12,829

flattering but but i think it's i think

443

00:17:20,140 --> 00:17:16,339

what we was really really good about it

444

00:17:22,449 --> 00:17:20,150

is so much of the coverage so much of

445

00:17:27,519 --> 00:17:22,459

what people wrote was incredibly

446

00:17:29,710 --> 00:17:27,529

thoughtful and balanced and sensible and

447

00:17:31,630 --> 00:17:29,720

where it was sort of silly and childish

448

00:17:33,370 --> 00:17:31,640

and funny it was silly and childish and

449

00:17:37,000 --> 00:17:33,380

funny in exactly the kind of way that I

450

00:17:38,919 --> 00:17:37,010

enjoy you know anything and yeah and and

451

00:17:40,240 --> 00:17:38,929

so constructive that I mean that was

452

00:17:42,970 --> 00:17:40,250

what was really amazing about it was

453

00:17:45,250 --> 00:17:42,980

actually was to kind of go God not only

454

00:17:48,220 --> 00:17:45,260

are there quite a lot of us but actually

455

00:17:50,680 --> 00:17:48,230

we're all quite quite sound minded and

456

00:17:52,870 --> 00:17:50,690

that was the young that was the really

457

00:17:54,760 --> 00:17:52,880

great thing I think you know that and

458

00:17:56,169 --> 00:17:54,770

the fact that also now with so many

459

00:17:58,630 --> 00:17:56,179

people covering it with so much

460

00:18:00,639 --> 00:17:58,640

attention drawn to it it has become like

461

00:18:03,850 --> 00:18:00,649

what I what I initially hoped which is

462

00:18:04,960 --> 00:18:03,860

this very instructive example and people

463

00:18:06,610 --> 00:18:04,970

are really sort of going through it

464

00:18:08,320 --> 00:18:06,620

piece by piece instead of pulling out

465

00:18:10,090 --> 00:18:08,330

all of the errors and misrepresentations

466

00:18:12,010 --> 00:18:10,100

and and everybody kind of linking to

467

00:18:14,230 --> 00:18:12,020

everybody else and talking through stuff

468

00:18:15,430 --> 00:18:14,240

and actually I think I think the one the

469

00:18:17,649 --> 00:18:15,440

only sort of one thing that maybe needs

470

00:18:19,899 --> 00:18:17,659

to happen now and that would be really

471

00:18:23,350 --> 00:18:19,909

useful I don't know if it has happened

472

00:18:26,080 --> 00:18:23,360

yet is them if anybody was sort of was

473

00:18:30,250 --> 00:18:26,090

bored and procrastinating on a more

474

00:18:32,740 --> 00:18:30,260

important Road yeah maybe to rewrite to

475

00:18:35,010 --> 00:18:32,750

really collate and to collate the fully

476
00:18:38,289 --> 00:18:35,020
for the whole 44-minute transcript and

477
00:18:40,529 --> 00:18:38,299
with links to the rebuttals of each and

478
00:18:44,110 --> 00:18:40,539
every step would just be a fascinating

479
00:18:47,230 --> 00:18:44,120
hilarious document to have because we've

480
00:18:50,769 --> 00:18:47,240
crowdsource so much an energy and and

481
00:18:52,299 --> 00:18:50,779
knowledge here and and it's you know I

482
00:18:54,070 --> 00:18:52,309
think it's I think it's a great example

483
00:18:55,750 --> 00:18:54,080
of what things can do but and it's also

484
00:18:57,970 --> 00:18:55,760
a great example of the seal the

485
00:19:00,549 --> 00:18:57,980
paradoxical effects that things can have

486
00:19:02,860 --> 00:19:00,559
on the internet and I mean if you asked

487
00:19:04,960 --> 00:19:02,870
for it happen it would never happen you

488
00:19:06,820 --> 00:19:04,970

know it just it just wouldn't for those

489

00:19:09,340 --> 00:19:06,830

of you yet to hear the broadcast the

490

00:19:11,590 --> 00:19:09,350

entire 44 minute excerpt from Jenny's

491

00:19:17,110 --> 00:19:11,600

show is posted on my youtube account

492

00:19:19,360 --> 00:19:17,120

located at rachey said RAC hie sy d

493

00:19:22,710 --> 00:19:19,370

for the full transcript visit the

494

00:19:25,900 --> 00:19:22,720

science Punk blog at science blogs com I

495

00:19:28,350 --> 00:19:25,910

am also hosting part 4 of the transcript

496

00:19:33,610 --> 00:19:28,360

at my blog the skeptics book of poo poo

497

00:19:36,010 --> 00:19:33,620

located at ww skeptics book calm zone

498

00:19:39,549 --> 00:19:36,020

reporter Kylie Sturgis also has part of

499

00:19:41,290 --> 00:19:39,559

the transcript at pod black calm you can

500

00:19:43,780 --> 00:19:41,300

find links to other blogs about the

501
00:19:47,440 --> 00:19:43,790
affair at Hallford watch visit holford

502
00:19:50,430 --> 00:19:47,450
watch dot info plus check ben's blog at

503
00:19:53,860 --> 00:19:50,440
bad science net for updates and news

504
00:19:56,410 --> 00:19:53,870
after the break more ben goldacre part 2

505
00:19:58,150 --> 00:19:56,420
of my interview from two weeks ago where

506
00:20:00,790 --> 00:19:58,160
we continue our discussion about the

507
00:20:02,380 --> 00:20:00,800
matthias wrath defamation case and bad

508
00:20:10,180 --> 00:20:02,390
science reporting by the mainstream

509
00:20:18,680 --> 00:20:16,040
this stuff is fun you're listening too

510
00:20:20,840 --> 00:20:18,690
far by George her ab you can find out

511
00:20:24,590 --> 00:20:20,850
more about George her ad by visiting his

512
00:20:28,070 --> 00:20:24,600
website at [www George horab dot blog](http://www.Georgehorab.com)

513
00:20:29,870 --> 00:20:28,080

spot.com where you can even find the

514

00:20:32,380 --> 00:20:29,880

lyrics to this song try singing along

515

00:20:35,390 --> 00:20:32,390

with it of course he's singing about the

516

00:20:39,440 --> 00:20:35,400

365 days of astronomy podcast one

517

00:20:43,640 --> 00:20:39,450

podcast every day for 2009 and you can

518

00:20:46,610 --> 00:20:43,650

find that at 365 days of astronomy one

519

00:20:55,810 --> 00:20:46,620

word or go check it out there will be a

520

00:21:02,650 --> 00:20:59,020

there by car in a day and super crazy

521

00:21:12,580 --> 00:21:02,660

far but just false ours way stars

522

00:21:18,260 --> 00:21:15,770

hello I'm dr. Karen stalls know from the

523

00:21:21,410 --> 00:21:18,270

Skip block and bad language I'm

524

00:21:23,000 --> 00:21:21,420

also editor of the skeptic magazine the

525

00:21:25,520 --> 00:21:23,010

skeptic is an almost 30 year old

526
00:21:28,580 --> 00:21:25,530
magazine about skepticism science and

527
00:21:30,830 --> 00:21:28,590
society we feature skeptical articles

528
00:21:33,440 --> 00:21:30,840
about a broad range of paranormal occult

529
00:21:38,270 --> 00:21:33,450
and supernatural topics including ghosts

530
00:21:40,430 --> 00:21:38,280
astrology psychics UFOs and Colts we

531
00:21:43,100 --> 00:21:40,440
talk the skeptical talk but also walk

532
00:21:45,470 --> 00:21:43,110
the skeptical walk the skeptic road test

533
00:21:47,240 --> 00:21:45,480
pseudoscience investigates bizarre

534
00:21:50,000 --> 00:21:47,250
beliefs and practices like fire walking

535
00:21:51,560 --> 00:21:50,010
and divining you'll recognize a few

536
00:21:54,380 --> 00:21:51,570
faces from the skeptic zone too

537
00:21:57,200 --> 00:21:54,390
including Richard Saunders dr. Rachel

538
00:21:59,960 --> 00:21:57,210

Dunlop Michael Willa hen Kylie Sturgis

539

00:22:03,289 --> 00:21:59,970

and me we're always looking for new

540

00:22:07,159 --> 00:22:03,299

contributors and new readers visit the

541

00:22:09,080 --> 00:22:07,169

link on our website at wwc apx Comte you

542

00:22:11,600 --> 00:22:09,090

where you can check out some articles

543

00:22:13,250 --> 00:22:11,610

and subscribe and look out for the

544

00:22:21,480 --> 00:22:13,260

skeptic in newsstands and bookstores

545

00:22:26,080 --> 00:22:24,160

in our last skeptics own special we

546

00:22:29,170 --> 00:22:26,090

spoke with dr. ben goldacre of the bad

547

00:22:31,350 --> 00:22:29,180

science column blog and book he told us

548

00:22:32,950 --> 00:22:31,360

all about his experiences exposing the

549

00:22:35,650 --> 00:22:32,960

misrepresentation of science in the

550

00:22:37,600 --> 00:22:35,660

media he also gave us some insight into

551
00:22:39,940 --> 00:22:37,610
the details surrounding the libel or

552
00:22:42,910 --> 00:22:39,950
defamation case brought against him and

553
00:22:44,860 --> 00:22:42,920
the Guardian by Matthias wrath and this

554
00:22:47,200 --> 00:22:44,870
was a result of ben's criticism of the

555
00:22:50,380 --> 00:22:47,210
man's campaign to introduce vitamins as

556
00:22:52,300 --> 00:22:50,390
a cure for AIDS in south africa on this

557
00:22:54,370 --> 00:22:52,310
week skeptics own special we present

558
00:22:56,590 --> 00:22:54,380
part 2 of this interview where Ben

559
00:22:58,510 --> 00:22:56,600
covers the outcome of the case and tells

560
00:23:00,940 --> 00:22:58,520
us why he is just as critical of the

561
00:23:04,000 --> 00:23:00,950
pharmaceutical industry as he is of the

562
00:23:05,950 --> 00:23:04,010
alternative medicine community I started

563
00:23:10,000 --> 00:23:05,960

off by asking Ben about the outcome of

564

00:23:14,140 --> 00:23:10,010

the libel case uh well he pulled out and

565

00:23:16,270 --> 00:23:14,150

after 15 months of you know having to

566

00:23:19,060 --> 00:23:16,280

tool around and deal with lawyers and

567

00:23:20,890 --> 00:23:19,070

stuff and our legal costs were five

568

00:23:22,770 --> 00:23:20,900

hundred and thirty five thousand pounds

569

00:23:25,990 --> 00:23:22,780

of which he's already paid i think

570

00:23:27,730 --> 00:23:26,000

220,000 and we're pursuing him for the

571

00:23:29,740 --> 00:23:27,740

remainder it's worth pointing out that

572

00:23:32,500 --> 00:23:29,750

he's and you know he's got a long track

573

00:23:35,350 --> 00:23:32,510

record of suing people people including

574

00:23:38,020 --> 00:23:35,360

med sansome frontiere I mean whose shoes

575

00:23:41,230 --> 00:23:38,030

hey why'd he tried to sue Metis also

576

00:23:43,180 --> 00:23:41,240

frontier yes no you did yeah and there

577

00:23:44,590 --> 00:23:43,190

was this really weary press release when

578

00:23:46,690 --> 00:23:44,600

it collapsed where they just sort of

579

00:23:48,340 --> 00:23:46,700

said we're really glad this is over now

580

00:23:51,310 --> 00:23:48,350

we can get on with doing like real work

581

00:23:54,310 --> 00:23:51,320

and you know he sued I mean it's endless

582

00:23:56,170 --> 00:23:54,320

the list of people that he sued he's

583

00:23:57,940 --> 00:23:56,180

Superman action campaign all of that

584

00:23:59,740 --> 00:23:57,950

yeah I mean when you're suing MSF you

585

00:24:02,260 --> 00:23:59,750

know you're like there's something wrong

586

00:24:04,780 --> 00:24:02,270

with you really isn't it well yeah I

587

00:24:06,580 --> 00:24:04,790

guess so that's that's the way it is

588

00:24:10,810 --> 00:24:06,590

with that with our legal system and not

589

00:24:16,000 --> 00:24:10,820

but I mean I suppose you know I'm one

590

00:24:19,240 --> 00:24:16,010

tenacious you know and I guess I mean

591

00:24:22,960 --> 00:24:19,250

you come out of 15 months of that sort

592

00:24:25,930 --> 00:24:22,970

of scale of nonsense with with a very

593

00:24:30,430 --> 00:24:25,940

large number of boxes containing witness

594

00:24:33,340 --> 00:24:30,440

statements and examples of adverts from

595

00:24:36,669 --> 00:24:33,350

matara and all of that and I guess I now

596

00:24:38,169 --> 00:24:36,679

no more about this guy than probably

597

00:24:41,049 --> 00:24:38,179

anybody else in the world with the

598

00:24:43,419 --> 00:24:41,059

exception of the people in South Africa

599

00:24:45,940 --> 00:24:43,429

you know like tack I'm not a wealthy man

600

00:24:48,010 --> 00:24:45,950

I need to sort of make the best that I

601
00:24:50,409 --> 00:24:48,020
can of the time that I've spent on that

602
00:24:54,010 --> 00:24:50,419
so I guess you know I'm going to have to

603
00:24:57,100 --> 00:24:54,020
write a maybe a book about me Thomas

604
00:24:59,470 --> 00:24:57,110
Rath will find some useful sort of way

605
00:25:01,900 --> 00:24:59,480
of putting all that time to use you know

606
00:25:03,400 --> 00:25:01,910
me not not not out of vindictiveness but

607
00:25:05,169 --> 00:25:03,410
just you know I mean I there's a lot of

608
00:25:07,930 --> 00:25:05,179
information there which I suppose and

609
00:25:10,020 --> 00:25:07,940
you know it it would be a tragedy if

610
00:25:12,130 --> 00:25:10,030
some good didn't come of this yes

611
00:25:14,620 --> 00:25:12,140
ridiculous really sort of in a

612
00:25:17,560 --> 00:25:14,630
million-dollar waste of time and effort

613
00:25:19,390 --> 00:25:17,570

and effort and money yeah well one of

614

00:25:21,460 --> 00:25:19,400

the things that you do Ben is your very

615

00:25:23,409 --> 00:25:21,470

critical of alt alternative medicine but

616

00:25:25,750 --> 00:25:23,419

you're also critical of Big Pharma and

617

00:25:27,430 --> 00:25:25,760

this confuses a lot of your critics

618

00:25:29,470 --> 00:25:27,440

because they try to go with the line of

619

00:25:32,260 --> 00:25:29,480

Big Pharma stooge but in fact you're

620

00:25:33,520 --> 00:25:32,270

just as critical of Big Pharma can you

621

00:25:36,580 --> 00:25:33,530

give us some idea about why you

622

00:25:39,730 --> 00:25:36,590

criticize Big Pharma uh because they do

623

00:25:45,190 --> 00:25:39,740

really bad stuff okay can you be more

624

00:25:46,870 --> 00:25:45,200

specific yeah well I mean this is kyle

625

00:25:48,880 --> 00:25:46,880

you know this is what I I teach medical

626
00:25:52,810 --> 00:25:48,890
students and doctors on this you know I

627
00:25:54,520 --> 00:25:52,820
do a legit and course and it's called

628
00:25:56,919 --> 00:25:54,530
drug company is how it actually

629
00:25:59,110 --> 00:25:56,929
would appear Zahn the UCL timetable I

630
00:26:00,669 --> 00:25:59,120
was delighted I see where it's called

631
00:26:02,649 --> 00:26:00,679
critically appraising clinical trial

632
00:26:04,570 --> 00:26:02,659
methodologies from industry yeah i mean

633
00:26:07,560 --> 00:26:04,580
the you know i don't see any real

634
00:26:09,669 --> 00:26:07,570
dividing line between Big Pharma and

635
00:26:12,279 --> 00:26:09,679
alternative therapists quacks you know

636
00:26:15,010 --> 00:26:12,289
they're all using the same tricks the

637
00:26:16,210 --> 00:26:15,020
same sleight of hand to sell pills and

638
00:26:18,760 --> 00:26:16,220

treatments to people and they're all

639

00:26:22,060 --> 00:26:18,770

using the same tricks to misrepresent

640

00:26:23,140 --> 00:26:22,070

evidence I mean big pharma because

641

00:26:25,149 --> 00:26:23,150

they're not allowed to advertise

642

00:26:27,909 --> 00:26:25,159

directly to doctors outside of America

643

00:26:29,409 --> 00:26:27,919

and New Zealand and yea big farmer tends

644

00:26:31,960 --> 00:26:29,419

to have to use slightly more

645

00:26:34,020 --> 00:26:31,970

sophisticated tricks because they're

646

00:26:36,700 --> 00:26:34,030

using these tricks on people like

647

00:26:38,140 --> 00:26:36,710

pharmacists and doctors and so the

648

00:26:41,020 --> 00:26:38,150

slights of hands have to be slightly

649

00:26:42,909 --> 00:26:41,030

more elegant and sophisticated and also

650

00:26:45,490 --> 00:26:42,919

because they're not sort of carrying out

651
00:26:46,700 --> 00:26:45,500
these acts of sleight of hand in terms

652
00:26:49,519 --> 00:26:46,710
of misrepresenting the evidence

653
00:26:52,220 --> 00:26:49,529
so commonly in mainstream popular

654
00:26:54,470 --> 00:26:52,230
culture it's a discourse that happens in

655
00:26:57,080 --> 00:26:54,480
academia and in sort of teaching I mean

656
00:26:59,180 --> 00:26:57,090
I couldn't very well write about fair a

657
00:27:01,090 --> 00:26:59,190
few of the things that I teach on to

658
00:27:03,710 --> 00:27:01,100
doctors and medical students because

659
00:27:06,110 --> 00:27:03,720
they're not examples from popular

660
00:27:08,090 --> 00:27:06,120
culture no substantive it although I do

661
00:27:09,200 --> 00:27:08,100
often in the column wherever I can

662
00:27:11,510 --> 00:27:09,210
wherever there's something that sort of

663
00:27:13,310 --> 00:27:11,520

hit the news then I'll certainly done

664

00:27:15,320 --> 00:27:13,320

live in and but the tricks of the trade

665

00:27:17,180 --> 00:27:15,330

are all exactly the same and all of the

666

00:27:19,190 --> 00:27:17,190

all of things that you know homeopaths

667

00:27:21,500 --> 00:27:19,200

used to rig their trials like inadequate

668

00:27:23,210 --> 00:27:21,510

blinding inadequate randomization that

669

00:27:25,010 --> 00:27:23,220

kind of thing have all been seen in

670

00:27:26,630 --> 00:27:25,020

pharmaceutical industry trials before

671

00:27:29,830 --> 00:27:26,640

I'm working on something at the moment

672

00:27:32,269 --> 00:27:29,840

with a couple of colleagues on an

673

00:27:33,799 --> 00:27:32,279

interpretive bias in acupuncture studies

674

00:27:35,240 --> 00:27:33,809

and its really interesting how you know

675

00:27:36,799 --> 00:27:35,250

exactly the same things I found in

676

00:27:39,590 --> 00:27:36,809

acupuncture studies that you find in Big

677

00:27:41,389 --> 00:27:39,600

Pharma so interpretive biases basically

678

00:27:42,350 --> 00:27:41,399

you know you've reported the methods and

679

00:27:44,690 --> 00:27:42,360

the results of your experiment

680

00:27:46,279 --> 00:27:44,700

accurately but your interpretation of

681

00:27:48,049 --> 00:27:46,289

those in the discussion section is just

682

00:27:49,730 --> 00:27:48,059

completely bonkers and off the wall and

683

00:27:51,620 --> 00:27:49,740

in the anatomic your royal the rest of

684

00:27:54,110 --> 00:27:51,630

that yeah exactly yeah so in the

685

00:27:56,360 --> 00:27:54,120

acupuncture world it's you know people

686

00:27:58,940 --> 00:27:56,370

do three armed studies they do sort of

687

00:28:00,980 --> 00:27:58,950

you know treatment as usual in a or sort

688

00:28:03,230 --> 00:28:00,990

of no treatment at all then sham

689

00:28:05,060 --> 00:28:03,240

acupuncture sort of randomly using fake

690

00:28:07,669 --> 00:28:05,070

needles that random points the body

691

00:28:09,230 --> 00:28:07,679

against genuine acupuncture so proper

692

00:28:10,820 --> 00:28:09,240

full on ceremonial acupuncture and the

693

00:28:14,180 --> 00:28:10,830

results of these trials are almost

694

00:28:17,090 --> 00:28:14,190

always both sham and genuine acupuncture

695

00:28:18,830 --> 00:28:17,100

do better than nothing but there's no

696

00:28:21,350 --> 00:28:18,840

difference between sham acupuncture and

697

00:28:22,669 --> 00:28:21,360

genuine acupuncture and all of the

698

00:28:24,350 --> 00:28:22,679

acupuncture is say all right that means

699

00:28:26,810 --> 00:28:24,360

acupuncture works in your life no it

700

00:28:29,600 --> 00:28:26,820

hasn't it means it's that a really

701

00:28:31,549 --> 00:28:29,610

elaborate placebo ritual with lots of

702

00:28:33,620 --> 00:28:31,559

sauce ceremonial components and works

703

00:28:37,130 --> 00:28:33,630

and that doesn't surprise me I'm cool

704

00:28:38,779 --> 00:28:37,140

with that you know getting but what's

705

00:28:41,120 --> 00:28:38,789

interesting about that is that exactly

706

00:28:42,500 --> 00:28:41,130

the same thing happens in mainstream

707

00:28:44,889 --> 00:28:42,510

medicine so for example there was a very

708

00:28:46,990 --> 00:28:44,899

interesting study recently comparing

709

00:28:49,279 --> 00:28:47,000

industry-funded meta-analysis

710

00:28:51,649 --> 00:28:49,289

meta-analysis against independent

711

00:28:54,289 --> 00:28:51,659

cochrane meta-analyses and they found

712

00:28:57,560 --> 00:28:54,299

that the actual results that they

713

00:29:00,320 --> 00:28:57,570

reported were genuine generally the same

714

00:29:01,940 --> 00:29:00,330

but the industry-funded meta-analyses

715

00:29:05,029 --> 00:29:01,950

ended in their discussion sections to

716

00:29:06,740 --> 00:29:05,039

say and that means our drug works where

717

00:29:08,720 --> 00:29:06,750

is the independent ones we tend to say

718

00:29:11,840 --> 00:29:08,730

and that means it's not really worth

719

00:29:13,580 --> 00:29:11,850

easier and so you know it's it's you

720

00:29:14,960 --> 00:29:13,590

know it's just surprising yeah yeah

721

00:29:16,279 --> 00:29:14,970

who'd of thought ain't so it's just

722

00:29:18,440 --> 00:29:16,289

fascinating really how the different

723

00:29:20,930 --> 00:29:18,450

tent sort of industries use exactly the

724

00:29:22,509 --> 00:29:20,940

same and tricks and you know the other

725

00:29:24,889 --> 00:29:22,519

thing is you know all of the things that

726

00:29:27,830 --> 00:29:24,899

the alternative therapists accuse other

727

00:29:29,960 --> 00:29:27,840

people of you know they do and that's a

728

00:29:32,240 --> 00:29:29,970

that's what I find fascinating but then

729

00:29:33,379 --> 00:29:32,250

you know I mean I think it's important

730

00:29:35,330 --> 00:29:33,389

to remember that in the world of

731

00:29:36,889 --> 00:29:35,340

alternative therapy you know they set

732

00:29:39,049 --> 00:29:36,899

themselves up in opposition to the

733

00:29:41,570 --> 00:29:39,059

pharmaceutical industry not in any

734

00:29:44,149 --> 00:29:41,580

meaningful sense but just as an aspect

735

00:29:45,590 --> 00:29:44,159

of their brand identity and they do so

736

00:29:48,080 --> 00:29:45,600

with good reason because they've been

737

00:29:50,120 --> 00:29:48,090

huge numbers of surveys of why people do

738

00:29:52,070 --> 00:29:50,130

why people go for alternative therapies

739

00:29:55,399 --> 00:29:52,080

and it's actually very very hard to find

740

00:29:57,350 --> 00:29:55,409

anything consistent and expected so for

741

00:29:58,730 --> 00:29:57,360

example you know a level of scientific

742

00:29:59,990 --> 00:29:58,740

understanding doesn't correlate very

743

00:30:02,509 --> 00:30:00,000

well with how much people use

744

00:30:04,310 --> 00:30:02,519

alternative therapies and but the one

745

00:30:06,500 --> 00:30:04,320

thing that does repeatedly come out is

746

00:30:09,470 --> 00:30:06,510

that people who've had a bad experience

747

00:30:12,289 --> 00:30:09,480

with mainstream medicine are more likely

748

00:30:14,029 --> 00:30:12,299

to seek out alternative therapies and I

749

00:30:16,100 --> 00:30:14,039

think that people who are marketing

750

00:30:19,490 --> 00:30:16,110

these alternative therapies know that

751
00:30:21,529 --> 00:30:19,500
and that's why they set themselves up in

752
00:30:23,509 --> 00:30:21,539
opposition to Big Pharma that's why and

753
00:30:25,340 --> 00:30:23,519
and mainstream medicine you know that's

754
00:30:27,799 --> 00:30:25,350
why they're constantly sort of making

755
00:30:30,320 --> 00:30:27,809
these rather shrill and melodramatic

756
00:30:33,080 --> 00:30:30,330
critiques in mainstream medicine which I

757
00:30:35,330 --> 00:30:33,090
think again you know represent quite a

758
00:30:36,919 --> 00:30:35,340
serious opportunity cost opportunity

759
00:30:38,149 --> 00:30:36,929
cost is you know the true cost of of

760
00:30:40,310 --> 00:30:38,159
something is what you give up in order

761
00:30:42,320 --> 00:30:40,320
to get it so an opportunity cost is

762
00:30:43,730 --> 00:30:42,330
something that you do wastefully when

763
00:30:45,950 --> 00:30:43,740

you could be doing something useful

764

00:30:48,440 --> 00:30:45,960

instead and that's that's probably the

765

00:30:50,509 --> 00:30:48,450

greatest concrete harm that comes from

766

00:30:52,430 --> 00:30:50,519

alternative therapies because firstly

767

00:30:55,009 --> 00:30:52,440

when you could be spending all of this

768

00:30:56,990 --> 00:30:55,019

sort of health risk behavior motivation

769

00:30:58,399 --> 00:30:57,000

that you have on doing something useful

770

00:31:00,799 --> 00:30:58,409

for your health instead you're buying

771

00:31:02,899 --> 00:31:00,809

these pointless vitamin pills or or you

772

00:31:04,460 --> 00:31:02,909

know doing a 5 day detox or something

773

00:31:06,320 --> 00:31:04,470

but the other problem is that you know

774

00:31:09,560 --> 00:31:06,330

there's cultural opportunity cost which

775

00:31:10,779 --> 00:31:09,570

is there are huge huge problems with the

776

00:31:13,529 --> 00:31:10,789

way that the pharmaceutical industry

777

00:31:15,419 --> 00:31:13,539

runs itself and they do practically run

778

00:31:17,399 --> 00:31:15,429

selves because regulators have

779

00:31:19,680 --> 00:31:17,409

repeatedly shown themselves to be pretty

780

00:31:21,060 --> 00:31:19,690

pretty hopeless in this area there are

781

00:31:23,820 --> 00:31:21,070

huge problems with the way that big

782

00:31:26,609 --> 00:31:23,830

farmer is going but they're slightly

783

00:31:29,070 --> 00:31:26,619

complicated issues and they don't have

784

00:31:31,799 --> 00:31:29,080

any purchase in popular culture but

785

00:31:34,379 --> 00:31:31,809

instead yes what you get is this really

786

00:31:36,029 --> 00:31:34,389

childish right stuff like you know big

787

00:31:38,279 --> 00:31:36,039

farmers evil therefore homeopathy works

788

00:31:41,369 --> 00:31:38,289

better than placebo big fun with you

789

00:31:43,739 --> 00:31:41,379

therefore vaccines cause autism and the

790

00:31:46,589 --> 00:31:43,749

tragedy of that is that I wrote about

791

00:31:49,469 --> 00:31:46,599

the pharmaceutical industry deliberately

792

00:31:51,869 --> 00:31:49,479

hiding evidence of harm from their drugs

793

00:31:53,849 --> 00:31:51,879

and evidence of drugs not being much

794

00:31:56,310 --> 00:31:53,859

better than placebo I wrote about that

795

00:31:58,589 --> 00:31:56,320

in national newspapers that was SSRIs

796

00:32:00,299 --> 00:31:58,599

wasn't that yeah yeah yeah and and I

797

00:32:01,919 --> 00:32:00,309

read about that in in three different

798

00:32:07,049 --> 00:32:01,929

newspapers on two different continents

799

00:32:10,710 --> 00:32:07,059

that story lasted globally for about

800

00:32:13,109 --> 00:32:10,720

five days and then it just died and that

801
00:32:14,700 --> 00:32:13,119
was a true story about real bad stuff

802
00:32:16,259 --> 00:32:14,710
that will still go on because their

803
00:32:18,180 --> 00:32:16,269
regulatory response to it is inadequate

804
00:32:19,379 --> 00:32:18,190
we don't have you know proper clinical

805
00:32:21,239 --> 00:32:19,389
trials registers and all the stuff I

806
00:32:25,080 --> 00:32:21,249
write about in the book done so crap on

807
00:32:26,759 --> 00:32:25,090
it the book by the book the work and you

808
00:32:31,289 --> 00:32:26,769
know they don't have any of that staff

809
00:32:33,359 --> 00:32:31,299
in place meanwhile this childish fantasy

810
00:32:38,039 --> 00:32:33,369
that that the MMR vaccine causes autism

811
00:32:39,539 --> 00:32:38,049
in the UK has run for 10 years you know

812
00:32:42,239 --> 00:32:39,549
and the people who are driving it have

813
00:32:45,779 --> 00:32:42,249

the grandiosity to portray themselves as

814

00:32:48,389 --> 00:32:45,789

these noble figures battling against big

815

00:32:50,940 --> 00:32:48,399

farmer and you just think you know you

816

00:32:53,549 --> 00:32:50,950

guys are just the biggest barrier to a

817

00:32:55,080 --> 00:32:53,559

meaningful discourse on on the crimes of

818

00:32:58,109 --> 00:32:55,090

a pharmaceutical industry that I could

819

00:32:59,909 --> 00:32:58,119

possibly imagine you know well it was

820

00:33:02,969 --> 00:32:59,919

then it was only yesterday that another

821

00:33:05,190 --> 00:33:02,979

article appeared in in the BBC i believe

822

00:33:08,310 --> 00:33:05,200

wasn't it in print about mmm oh you may

823

00:33:10,469 --> 00:33:08,320

listen yeah daily mail yet wasn't even

824

00:33:11,759 --> 00:33:10,479

autism I it was some other so you know

825

00:33:13,320 --> 00:33:11,769

it's just you know a kid who suddenly

826

00:33:14,879 --> 00:33:13,330

got ill and it was a couple of days

827

00:33:16,859 --> 00:33:14,889

after having the vaccine yeah that's

828

00:33:19,680 --> 00:33:16,869

right i mean what you're kind of seeing

829

00:33:23,339 --> 00:33:19,690

there is is a number of different things

830

00:33:24,629 --> 00:33:23,349

firstly in mainstream medicine we have

831

00:33:26,690 --> 00:33:24,639

this thing called the hierarchy of

832

00:33:28,610 --> 00:33:26,700

evidence right which is

833

00:33:30,020 --> 00:33:28,620

your analyses which are you get all of

834

00:33:31,160 --> 00:33:30,030

the results from all of your little

835

00:33:32,690 --> 00:33:31,170

clinical trials and you put them all

836

00:33:36,140 --> 00:33:32,700

into one big spreadsheet and you get a

837

00:33:37,540 --> 00:33:36,150

really big number of participants and so

838

00:33:39,740 --> 00:33:37,550

that gives you a much more accurate

839

00:33:41,600 --> 00:33:39,750

answer of whether a treatment works or

840

00:33:42,500 --> 00:33:41,610

not right so in the hierarchy of

841

00:33:44,660 --> 00:33:42,510

evidence in mainstream medicine

842

00:33:45,980 --> 00:33:44,670

meta-analysis and systematic review are

843

00:33:48,110 --> 00:33:45,990

right at the top and then it kind of

844

00:33:49,610 --> 00:33:48,120

goes down your trials observational

845

00:33:52,100 --> 00:33:49,620

studies perspective coval studies case

846

00:33:54,560 --> 00:33:52,110

control then right at the bottom you

847

00:33:56,990 --> 00:33:54,570

have individual case reports like you

848

00:33:59,150 --> 00:33:57,000

know anecdotes and then write the bottom

849

00:34:01,880 --> 00:33:59,160

even below that you have expert opinion

850

00:34:05,990 --> 00:34:01,890

because you know expert opinions

851

00:34:07,490 --> 00:34:06,000

definitely always and and the

852

00:34:09,290 --> 00:34:07,500

interesting thing about that is it seems

853

00:34:12,320 --> 00:34:09,300

to me that in mainstream media and i'm

854

00:34:14,090 --> 00:34:12,330

doing a quantitative study on on media

855

00:34:17,480 --> 00:34:14,100

output in the UK up on this at the

856

00:34:19,220 --> 00:34:17,490

moment it seems to me that the hierarchy

857

00:34:22,790 --> 00:34:19,230

of evidence in mainstream media is is

858

00:34:26,210 --> 00:34:22,800

inverted so individual case reports and

859

00:34:29,630 --> 00:34:26,220

expert opinions are front page news page

860

00:34:31,700 --> 00:34:29,640

news right but meta analyses and

861

00:34:33,740 --> 00:34:31,710

chrome reviews and stuff yes barely

862

00:34:35,990 --> 00:34:33,750

register you know they barely deserve a

863

00:34:38,150 --> 00:34:36,000

mention and that to me is really

864

00:34:39,890 --> 00:34:38,160

fascinating you know I've got a paper

865

00:34:41,930 --> 00:34:39,900

being submitted at moment showing that

866

00:34:43,340 --> 00:34:41,940

over the past a year a whole years worth

867

00:34:46,910 --> 00:34:43,350

of coverage for the Cochrane Library

868

00:34:48,740 --> 00:34:46,920

which is you know produces gold standard

869

00:34:50,810 --> 00:34:48,750

systematic reviews and meta-analyses is

870

00:34:54,050 --> 00:34:50,820

this independent academic collaboration

871

00:34:57,550 --> 00:34:54,060

that's worldwide truly amazing resource

872

00:35:00,110 --> 00:34:57,560

and institution it is they publish about

873

00:35:02,780 --> 00:35:00,120

600 systematic reviews and meta-analyses

874

00:35:04,640 --> 00:35:02,790

every year and in the UK they had 50

875

00:35:06,710 --> 00:35:04,650

items of news coverage in one year in

876

00:35:09,170 --> 00:35:06,720

total throughout all newspapers and

877

00:35:11,420 --> 00:35:09,180

that's nothing you know yeah and that's

878

00:35:13,280 --> 00:35:11,430

that what doctors and a dose would

879

00:35:16,130 --> 00:35:13,290

consider to be gold standard evidence

880

00:35:18,290 --> 00:35:16,140

and it's nowhere in mainstream media

881

00:35:20,450 --> 00:35:18,300

meanwhile these some little stories our

882

00:35:22,100 --> 00:35:20,460

fanpage earnings anyway the I mean the

883

00:35:24,800 --> 00:35:22,110

other interesting thing about that are

884

00:35:27,140 --> 00:35:24,810

taking the Daily Mail is that individual

885

00:35:29,300 --> 00:35:27,150

children may well occasionally have

886

00:35:30,890 --> 00:35:29,310

adverse consequences from vaccinations I

887

00:35:32,960 --> 00:35:30,900

don't know about the details of this

888

00:35:33,950 --> 00:35:32,970

case I do know that they had an exactly

889

00:35:36,590 --> 00:35:33,960

they had a very similar case about a

890

00:35:39,050 --> 00:35:36,600

month ago where they were saying oh you

891

00:35:39,660 --> 00:35:39,060

know this coroner's report is coming up

892

00:35:41,039 --> 00:35:39,670

there's a

893

00:35:44,250 --> 00:35:41,049

this case it's being heard at the moment

894

00:35:45,630 --> 00:35:44,260

it's MMR vaccine on trial this child was

895

00:35:46,829 --> 00:35:45,640

damaged by the MMR vaccine and they

896

00:35:48,750 --> 00:35:46,839

reported all of that while it was on

897

00:35:51,270 --> 00:35:48,760

going and then the result of the

898

00:35:53,150 --> 00:35:51,280

coroner's inquest was yeah this had

899

00:35:56,309 --> 00:35:53,160

nothing to do with the MMR vaccine and

900

00:35:57,599 --> 00:35:56,319

only one of the 80 newspapers or

901
00:36:00,390 --> 00:35:57,609
something that covered it actually

902
00:36:02,880 --> 00:36:00,400
bothered to report the outcome which is

903
00:36:06,089 --> 00:36:02,890
pretty astonishing but anyway you talk

904
00:36:07,559 --> 00:36:06,099
about Lebanese sorry yeah yeah no no you

905
00:36:09,450 --> 00:36:07,569
were mentioning my book that's great I'm

906
00:36:11,370 --> 00:36:09,460
very bad the book when you talk about

907
00:36:13,890 --> 00:36:11,380
that in in your book bad science because

908
00:36:16,319 --> 00:36:13,900
you talk about how a lot of these big

909
00:36:18,809 --> 00:36:16,329
stories don't go to specialist science

910
00:36:20,730 --> 00:36:18,819
journalists they'll go to journalists

911
00:36:23,190 --> 00:36:20,740
who don't have much expertise in its

912
00:36:24,720 --> 00:36:23,200
area so they'll just follow that the

913
00:36:26,460 --> 00:36:24,730

line of well the evidence has been

914

00:36:29,760 --> 00:36:26,470

debunked but when it never was really

915

00:36:32,370 --> 00:36:29,770

there in the case of MMR at least that's

916

00:36:34,770 --> 00:36:32,380

what I'm here to talk about and so in

917

00:36:37,559 --> 00:36:34,780

the book yeah I mean like I I kind of

918

00:36:40,230 --> 00:36:37,569

try and go after a prolonged sort of

919

00:36:43,650 --> 00:36:40,240

parade of morons from mainstream news

920

00:36:45,150 --> 00:36:43,660

media I try to understand what's going

921

00:36:47,280 --> 00:36:45,160

on and you're right one of the most

922

00:36:49,170 --> 00:36:47,290

interesting things is when I first got

923

00:36:50,250 --> 00:36:49,180

into this game I I thought all health

924

00:36:51,780 --> 00:36:50,260

and science journalists must just be

925

00:36:53,789 --> 00:36:51,790

morons because there were no other

926
00:36:55,530 --> 00:36:53,799
explanation for the phenomena that I was

927
00:36:57,180 --> 00:36:55,540
observing but actually it turns out that

928
00:36:59,630 --> 00:36:57,190
it's it's a bit more complicated than

929
00:37:02,490 --> 00:36:59,640
that you know and actually that's the

930
00:37:03,599 --> 00:37:02,500
that's that's the slogan on a t-shirt

931
00:37:05,130 --> 00:37:03,609
that I'm selling through the website

932
00:37:07,559 --> 00:37:05,140
bad-sized on it I personally believe

933
00:37:09,120 --> 00:37:07,569
this is the funniest slogan t-shirt ever

934
00:37:11,039 --> 00:37:09,130
produced in the history of mankind it

935
00:37:13,200 --> 00:37:11,049
just says I think you'll find it's a bit

936
00:37:15,210 --> 00:37:13,210
more complicated than that and have a

937
00:37:17,220 --> 00:37:15,220
purpose and we're holding a competition

938
00:37:18,960 --> 00:37:17,230

where you can send in pictures of you

939

00:37:20,670 --> 00:37:18,970

wearing the t-shirt next to somebody

940

00:37:23,160 --> 00:37:20,680

else wearing their own slogan t-shirt so

941

00:37:23,880 --> 00:37:23,170

it's like drop beats not bombs I think

942

00:37:26,579 --> 00:37:23,890

you'll find it's a bit more complicated

943

00:37:27,660 --> 00:37:26,589

than that and stuff I saw somebody on

944

00:37:29,250 --> 00:37:27,670

the to the other day wearing a t-shirt

945

00:37:32,180 --> 00:37:29,260

that said I need a hug and I just

946

00:37:34,620 --> 00:37:32,190

thought this is the perfect opportunity

947

00:37:37,140 --> 00:37:34,630

anyway um can I suggest something to you

948

00:37:40,440 --> 00:37:37,150

Ben just it just quickly I'd love you to

949

00:37:42,539 --> 00:37:40,450

make a t-shirt of the title of your blog

950

00:37:44,280 --> 00:37:42,549

recently the one that said the barefaced

951
00:37:47,700 --> 00:37:44,290
cheek of these characters will never

952
00:37:49,470 --> 00:37:47,710
cease to amaze and delight me that's one

953
00:37:52,880 --> 00:37:49,480
of the best titles for a blog of ever

954
00:37:54,860 --> 00:37:52,890
seen that gave me such a big love

955
00:37:57,140 --> 00:37:54,870
they are pretty shameless yeah but

956
00:37:58,430 --> 00:37:57,150
anyway what we do oh yeah yes it's a bit

957
00:38:00,050 --> 00:37:58,440
more complicated than just science and

958
00:38:03,380 --> 00:38:00,060
health Dennis being being morons in

959
00:38:05,300 --> 00:38:03,390
actual fact it seems to be more commonly

960
00:38:07,280 --> 00:38:05,310
that it's sort of senior figures at the

961
00:38:09,530 --> 00:38:07,290
paper you know the sort of the flaky

962
00:38:11,480 --> 00:38:09,540
humanities graduates in senior executive

963
00:38:13,880 --> 00:38:11,490

and editorial rolled whom who wear their

964

00:38:17,120 --> 00:38:13,890

ignorance of basic science as a matter

965

00:38:18,500 --> 00:38:17,130

of pride on their sleeves who sort of go

966

00:38:21,350 --> 00:38:18,510

up to the health and science products

967

00:38:23,540 --> 00:38:21,360

and say you must cover this stupid story

968

00:38:24,980 --> 00:38:23,550

and then there are sort of big arguments

969

00:38:26,570 --> 00:38:24,990

and that happened with things like you

970

00:38:28,640 --> 00:38:26,580

know the kind of journalism stuff like

971

00:38:31,280 --> 00:38:28,650

wall men will have big willy's that sort

972

00:38:32,600 --> 00:38:31,290

of bogus they are so if you know the

973

00:38:34,760 --> 00:38:32,610

equations for the happiest day of the

974

00:38:37,070 --> 00:38:34,770

year sponsored by a travel company

975

00:38:39,140 --> 00:38:37,080

against the end of January perfect time

976

00:38:40,910 --> 00:38:39,150

to book a holiday if equation for the

977

00:38:43,010 --> 00:38:40,920

happiest day of the year is is a

978

00:38:45,560 --> 00:38:43,020

beginning of summer perfect time for

979

00:38:47,360 --> 00:38:45,570

buying ice cream and sponsored bad man

980

00:38:49,280 --> 00:38:47,370

and when that sort of action actually

981

00:38:51,290 --> 00:38:49,290

Bennett was reported here on the 19th of

982

00:38:54,290 --> 00:38:51,300

January that it was the most depressing

983

00:38:56,000 --> 00:38:54,300

day of the year that was we got one of

984

00:38:57,320 --> 00:38:56,010

those stories it because I just read

985

00:38:59,150 --> 00:38:57,330

your book and I read all that and then

986

00:39:01,640 --> 00:38:59,160

it appeared in the papers here on the

987

00:39:04,880 --> 00:39:01,650

19th of January it is so brilliantly

988

00:39:06,200 --> 00:39:04,890

nuts but anyway and so you know the the

989

00:39:07,580 --> 00:39:06,210

science and health correspondents are

990

00:39:09,320 --> 00:39:07,590

sort of approached by senior editorial

991

00:39:10,970 --> 00:39:09,330

figures to write up stupid stories like

992

00:39:12,350 --> 00:39:10,980

that and I now know because I go out

993

00:39:13,940 --> 00:39:12,360

drinking with these people that they say

994

00:39:16,040 --> 00:39:13,950

look please don't make me write the

995

00:39:18,110 --> 00:39:16,050

really stupid story and then a you know

996

00:39:19,640 --> 00:39:18,120

a battle will ensue but even more

997

00:39:21,440 --> 00:39:19,650

interesting Lee than that when a story

998

00:39:22,970 --> 00:39:21,450

becomes a big political hot potato it

999

00:39:25,460 --> 00:39:22,980

tends to get taken out of the hands of

1000

00:39:26,960 --> 00:39:25,470

the individual specialist health and

1001
00:39:29,120 --> 00:39:26,970
science journalist and put into the

1002
00:39:32,060 --> 00:39:29,130
hands of the generalists you know the

1003
00:39:33,410 --> 00:39:32,070
Star News correspondent the columnist

1004
00:39:34,910 --> 00:39:33,420
who's normally writing about really

1005
00:39:37,460 --> 00:39:34,920
funny thing the au pair said on the way

1006
00:39:39,980 --> 00:39:37,470
to a dinner party and suddenly those

1007
00:39:43,160 --> 00:39:39,990
Joker's are writing about MMR and giving

1008
00:39:44,840 --> 00:39:43,170
people you know health advice on really

1009
00:39:48,080 --> 00:39:44,850
complicated issues of immunology and

1010
00:39:50,570 --> 00:39:48,090
epidemiology and in the case of MMR for

1011
00:39:52,190 --> 00:39:50,580
example and there's a very good study

1012
00:39:54,260 --> 00:39:52,200
done by Cardiff University School of

1013
00:39:56,150 --> 00:39:54,270

Journalism which showed that stories

1014

00:39:57,590 --> 00:39:56,160

about MMR were twice as likely to be

1015

00:39:58,670 --> 00:39:57,600

written about by generalist I think was

1016

00:40:00,490 --> 00:39:58,680

eighty percent of all stories are

1017

00:40:02,390 --> 00:40:00,500

written about by generalists right and

1018

00:40:04,490 --> 00:40:02,400

twice it's like to be written about by

1019

00:40:05,450 --> 00:40:04,500

generous than stories about cloning for

1020

00:40:08,420 --> 00:40:05,460

example and

1021

00:40:10,070 --> 00:40:08,430

other science stories so you know as

1022

00:40:12,020 --> 00:40:10,080

obviously as soon as the morons took

1023

00:40:13,940 --> 00:40:12,030

over the quality of the carriage

1024

00:40:16,790 --> 00:40:13,950

declined and you can see exactly the

1025

00:40:17,900 --> 00:40:16,800

same thing with GM so I personally have

1026

00:40:19,670 --> 00:40:17,910

a slightly sort of conflicted

1027

00:40:22,670 --> 00:40:19,680

relationship with GM food because I'm

1028

00:40:24,190 --> 00:40:22,680

not very enthusiastic about GM food not

1029

00:40:26,390 --> 00:40:24,200

because I think it's going to kill us

1030

00:40:27,650 --> 00:40:26,400

not because i think you know it's not

1031

00:40:29,960 --> 00:40:27,660

the sort of you know the sort of weird

1032

00:40:31,849 --> 00:40:29,970

green narcissistic thing of iron

1033

00:40:34,040 --> 00:40:31,859

personally going to come to harm from

1034

00:40:36,320 --> 00:40:34,050

genetically modified food I'm dubious

1035

00:40:37,520 --> 00:40:36,330

about GM food because it strikes me as

1036

00:40:39,440 --> 00:40:37,530

yes another opportunity for

1037

00:40:41,270 --> 00:40:39,450

multinational corporations to try and

1038

00:40:43,339 --> 00:40:41,280

take control of the global food stock

1039

00:40:45,230 --> 00:40:43,349

and particularly the production of food

1040

00:40:47,420 --> 00:40:45,240

in developing countries you know also

1041

00:40:49,760 --> 00:40:47,430

Monsanto is the company that made them

1042

00:40:51,320 --> 00:40:49,770

Agent Orange you know and there are

1043

00:40:54,740 --> 00:40:51,330

certain thing is that they're quite hard

1044

00:40:56,930 --> 00:40:54,750

to forgive so I've got a problem with GM

1045

00:40:58,790 --> 00:40:56,940

food but it's not GM food is going to

1046

00:41:01,370 --> 00:40:58,800

kill us all right but that was the

1047

00:41:03,260 --> 00:41:01,380

headline stories in 1998 in UK it was

1048

00:41:06,650 --> 00:41:03,270

like Frankenstein food and all of that

1049

00:41:10,099 --> 00:41:06,660

stuff and fascinatingly for the first

1050

00:41:12,410 --> 00:41:10,109

three days of the GM Frankenstein food

1051
00:41:16,310 --> 00:41:12,420
scare stories in the British news media

1052
00:41:20,060 --> 00:41:16,320
not a single one of the news or comment

1053
00:41:22,160 --> 00:41:20,070
pieces in any single national newspaper

1054
00:41:24,440 --> 00:41:22,170
in the UK was written by a specialist

1055
00:41:28,460 --> 00:41:24,450
health or science correspondent not a

1056
00:41:30,260 --> 00:41:28,470
single wow one and when you talk to the

1057
00:41:32,270 --> 00:41:30,270
old duffers who were around back then

1058
00:41:34,790 --> 00:41:32,280
because obviously 10 years ago makes you

1059
00:41:36,380 --> 00:41:34,800
an old duffer and if he talks to people

1060
00:41:37,730 --> 00:41:36,390
who are all done for it enough to have

1061
00:41:38,930 --> 00:41:37,740
retired and not care anymore and be

1062
00:41:41,329 --> 00:41:38,940
willing to be very indiscreet with your

1063
00:41:44,060 --> 00:41:41,339

parties they will say yeah we were

1064

00:41:46,250 --> 00:41:44,070

hammering on the editors door saying

1065

00:41:49,099 --> 00:41:46,260

what are you doing with this story this

1066

00:41:51,230 --> 00:41:49,109

is ninety percent cog but they weren't

1067

00:41:53,540 --> 00:41:51,240

listen to and bat I think it's the kind

1068

00:41:56,630 --> 00:41:53,550

of real backstory to house so much it's

1069

00:41:58,609 --> 00:41:56,640

dismal coverage gets into the news yeah

1070

00:42:01,010 --> 00:41:58,619

well a lot of this stuff is covered in

1071

00:42:02,839 --> 00:42:01,020

your book been so how can our listeners

1072

00:42:06,290 --> 00:42:02,849

get a copy of your best-selling book bad

1073

00:42:08,480 --> 00:42:06,300

science well that's a very very good

1074

00:42:10,400 --> 00:42:08,490

quest I don't know okay bye I mean it's

1075

00:42:12,349 --> 00:42:10,410

a racket out in Australia but I'd sort

1076
00:42:13,970 --> 00:42:12,359
of had this vague sensation that it was

1077
00:42:16,460 --> 00:42:13,980
maybe annoyingly difficult to find I

1078
00:42:17,850 --> 00:42:16,470
mean it shouldn't be it sold one metric

1079
00:42:20,370 --> 00:42:17,860
ton of copies over here after

1080
00:42:23,430 --> 00:42:20,380
to my astonishment and slight concern

1081
00:42:24,780 --> 00:42:23,440
well its shadow and Christmas in the UK

1082
00:42:27,330 --> 00:42:24,790
didn't it it's sold out over christmas

1083
00:42:28,950 --> 00:42:27,340
in the UK they had like three emergency

1084
00:42:30,630 --> 00:42:28,960
repressing i don't know how many

1085
00:42:32,900 --> 00:42:30,640
thousand serie pressings you have to

1086
00:42:35,130 --> 00:42:32,910
have before it's sort of just routine

1087
00:42:39,300 --> 00:42:35,140
but yeah yeah i mean you know i think

1088
00:42:42,510 --> 00:42:39,310

there is something like 60 or 70,000

1089

00:42:45,240 --> 00:42:42,520

copies in print 45 or 50 thousand of

1090

00:42:47,270 --> 00:42:45,250

sold already it's with dice bizarre it

1091

00:42:50,460 --> 00:42:47,280

really doesn't surprise me a half anyway

1092

00:42:52,320 --> 00:42:50,470

no it's like brilliant boy i've read it

1093

00:42:54,480 --> 00:42:52,330

a couple of times i really enjoyed it

1094

00:42:56,490 --> 00:42:54,490

that's very kind but I don't I mean I

1095

00:42:57,960 --> 00:42:56,500

hope that the examples aren't aren't too

1096

00:42:59,310 --> 00:42:57,970

English for an Australian audience I

1097

00:43:02,040 --> 00:42:59,320

mean you have Gillian McKeith over there

1098

00:43:04,020 --> 00:43:02,050

don't you and well but when mostly these

1099

00:43:06,240 --> 00:43:04,030

always don't forget Ben we're an

1100

00:43:09,360 --> 00:43:06,250

international show so we go to America

1101
00:43:10,980 --> 00:43:09,370
and the UK and everywhere so know a lot

1102
00:43:13,500 --> 00:43:10,990
of well yeah so America's really buggy

1103
00:43:15,780 --> 00:43:13,510
mitt and I'm actually because I half my

1104
00:43:17,190 --> 00:43:15,790
web traffic comes from the US and loads

1105
00:43:19,590 --> 00:43:17,200
of people have asked me if it's going to

1106
00:43:23,070 --> 00:43:19,600
come out there and stuff and then the

1107
00:43:24,420 --> 00:43:23,080
only publishers who want it the hot sort

1108
00:43:26,460 --> 00:43:24,430
of american version of HarperCollins and

1109
00:43:27,930 --> 00:43:26,470
they want to sort of take lots of things

1110
00:43:29,910 --> 00:43:27,940
out I've just been talking about

1111
00:43:31,530 --> 00:43:29,920
yesterday ously they will take things

1112
00:43:32,610 --> 00:43:31,540
out that aren't very American and I'm

1113
00:43:34,290 --> 00:43:32,620

gonna I mean I'd really appreciate

1114

00:43:35,820 --> 00:43:34,300

anybody wants to sort of the email me

1115

00:43:38,580 --> 00:43:35,830

been at bad science don't net if you've

1116

00:43:40,350 --> 00:43:38,590

got any sort of advice on I'm really

1117

00:43:43,800 --> 00:43:40,360

going to use your podcast to solicit

1118

00:43:46,230 --> 00:43:43,810

help no I think that's gotten a good tip

1119

00:43:47,940 --> 00:43:46,240

of advice on what sort of them on what

1120

00:43:50,520 --> 00:43:47,950

sort of stories from the book are likely

1121

00:43:52,620 --> 00:43:50,530

to be mystifying to an American audience

1122

00:43:53,730 --> 00:43:52,630

that'd be really useful or if people

1123

00:43:57,210 --> 00:43:53,740

have got any good sort of parallel

1124

00:43:59,490 --> 00:43:57,220

replacement examples i don't think i can

1125

00:44:01,650 --> 00:43:59,500

replace my fifteen thousand word take

1126
00:44:03,300 --> 00:44:01,660
down at the MMR vaccine hoax with the

1127
00:44:04,920 --> 00:44:03,310
American mercury story but I think

1128
00:44:07,440 --> 00:44:04,930
actually it's and hopefully they'll be

1129
00:44:09,420 --> 00:44:07,450
persuadable that it's and useful to have

1130
00:44:12,510 --> 00:44:09,430
a sort of an English parallel of a

1131
00:44:14,550 --> 00:44:12,520
vaccine hoax that has now sort of played

1132
00:44:16,740 --> 00:44:14,560
itself out to extinction almost in the

1133
00:44:19,560 --> 00:44:16,750
UK as they are kind of at the beginning

1134
00:44:22,050 --> 00:44:19,570
in the middle of their mercury hoax yeah

1135
00:44:24,570 --> 00:44:22,060
I think it translates to the states not

1136
00:44:27,720 --> 00:44:24,580
necessarily the MMR the thimerosal thing

1137
00:44:30,600 --> 00:44:27,730
but the Jim Carrey and Jenny McCarthy

1138
00:44:32,039 --> 00:44:30,610

thing that's still so big yeah the whole

1139

00:44:34,859 --> 00:44:32,049

sort of celebrity and

1140

00:44:36,089 --> 00:44:34,869

expert thing yeah i mean i don't know i

1141

00:44:38,009 --> 00:44:36,099

think that worries me is there might be

1142

00:44:39,689 --> 00:44:38,019

a version an American version this sort

1143

00:44:41,579 --> 00:44:39,699

of bits missing the people might bump

1144

00:44:46,049 --> 00:44:41,589

Imus tape anyway this is a lot of any

1145

00:44:47,579 --> 00:44:46,059

interest at all to global audience but

1146

00:44:49,769 --> 00:44:47,589

yes if anybody's got any advice on how

1147

00:44:52,529 --> 00:44:49,779

to sort of foreign eyes my book I'd love

1148

00:44:54,599 --> 00:44:52,539

to hear from them but you also want

1149

00:44:56,339 --> 00:44:54,609

people to send you stories from other

1150

00:44:59,279 --> 00:44:56,349

parts of the world that would possibly

1151
00:45:00,359 --> 00:44:59,289
be relevant for you oh god always but

1152
00:45:01,919 --> 00:45:00,369
what I really want people to do is to

1153
00:45:04,140 --> 00:45:01,929
start a blog I mean sometimes people

1154
00:45:06,089 --> 00:45:04,150
send me emails that are just so it sort

1155
00:45:08,519 --> 00:45:06,099
of amazingly ornate and and well

1156
00:45:10,529 --> 00:45:08,529
researched there's so much really sort

1157
00:45:12,390 --> 00:45:10,539
of valuable nerd energy out there I

1158
00:45:13,799 --> 00:45:12,400
think if we harnessed all of the angry

1159
00:45:17,279 --> 00:45:13,809
nerds in the world we could have this

1160
00:45:19,349 --> 00:45:17,289
automatic refutation box that would just

1161
00:45:21,390 --> 00:45:19,359
you know produce an equal and opposite

1162
00:45:23,789 --> 00:45:21,400
output to all of the that's around

1163
00:45:25,349 --> 00:45:23,799

America you know ignore the Internet to

1164

00:45:26,819 --> 00:45:25,359

a large extent because I just I don't

1165

00:45:28,439 --> 00:45:26,829

know any sort of squabble so if you know

1166

00:45:30,059 --> 00:45:28,449

some loony over there said something

1167

00:45:32,249 --> 00:45:30,069

silly on the internet maybe I'm being I

1168

00:45:34,650 --> 00:45:32,259

don't know to some one night I don't

1169

00:45:36,929 --> 00:45:34,660

know if I keep playing you see you play

1170

00:45:39,359 --> 00:45:36,939

your part with bad science net I think

1171

00:45:40,919 --> 00:45:39,369

in that sense very kind listen I mean

1172

00:45:42,900 --> 00:45:40,929

there are some truly amazing blog's

1173

00:45:45,089 --> 00:45:42,910

around bad time stock bad science blogs

1174

00:45:46,739 --> 00:45:45,099

net instantly and it's like an

1175

00:45:49,259 --> 00:45:46,749

aggregator of lots and lots of other

1176

00:45:50,969 --> 00:45:49,269

English blogs that look at miss

1177

00:45:54,120 --> 00:45:50,979

representation of science in the media

1178

00:45:55,620 --> 00:45:54,130

and quacks and big farmer and stuff so

1179

00:45:57,269 --> 00:45:55,630

people that are interested in that sort

1180

00:45:59,939 --> 00:45:57,279

of stuff that's really good and people

1181

00:46:02,370 --> 00:45:59,949

like quack omelet and David Calhoun are

1182

00:46:04,319 --> 00:46:02,380

really good in there as well as lots of

1183

00:46:08,429 --> 00:46:04,329

other stuff excellent so Ben are you

1184

00:46:11,609 --> 00:46:08,439

going to be at tam in 2009 uh it's at

1185

00:46:13,140 --> 00:46:11,619

the english one yeah yeah totally I'll

1186

00:46:16,019 --> 00:46:13,150

the English term while I was referring

1187

00:46:17,189 --> 00:46:16,029

to the American term oh no I haven't

1188

00:46:21,120 --> 00:46:17,199

been invited maybe I did something

1189

00:46:23,099 --> 00:46:21,130

either the last war I don't I'm not sure

1190

00:46:24,630 --> 00:46:23,109

I've never sort of one so massively

1191

00:46:27,630 --> 00:46:24,640

identify myself with the skeptics

1192

00:46:30,390 --> 00:46:27,640

movement I don't tend it sort of it's

1193

00:46:32,400 --> 00:46:30,400

not it's not really a sort of group in

1194

00:46:34,349 --> 00:46:32,410

England and all time to a pathologically

1195

00:46:35,789 --> 00:46:34,359

not I'd join them I suppose but also I

1196

00:46:38,189 --> 00:46:35,799

don't really care about ghosts and sun

1197

00:46:39,719 --> 00:46:38,199

kicks and stuff I quite okay I enjoy all

1198

00:46:42,710 --> 00:46:39,729

that stuff I do you get angry about

1199

00:46:45,050 --> 00:46:42,720

ghosts that's fine i don't mind you can

1200

00:46:46,430 --> 00:46:45,060

no I I don't tend to get angry about

1201

00:46:48,290 --> 00:46:46,440

ghosts I tend to get angry about

1202

00:46:50,720 --> 00:46:48,300

alternative medicine person maybe that's

1203

00:46:52,160 --> 00:46:50,730

just my thing but anyway but you've

1204

00:46:53,990 --> 00:46:52,170

gotta love them they bring so much joy

1205

00:46:57,380 --> 00:46:54,000

and so many valuable teaching

1206

00:46:59,089 --> 00:46:57,390

opportunities at the moment then I'm

1207

00:47:01,040 --> 00:46:59,099

actually researching ear candles and I'm

1208

00:47:04,120 --> 00:47:01,050

just astounded as to how completely

1209

00:47:07,940 --> 00:47:04,130

stupid they are but that's another story

1210

00:47:11,780 --> 00:47:07,950

but you know I kind of think again they

1211

00:47:13,310 --> 00:47:11,790

are so stupid it's interesting to talk

1212

00:47:15,080 --> 00:47:13,320

about how stupid and it's interesting

1213

00:47:16,640 --> 00:47:15,090

just leave my buddy to quote that paper

1214

00:47:18,890 --> 00:47:16,650

that actually measured the vacuum and

1215

00:47:20,390 --> 00:47:18,900

all that yes but are these really

1216

00:47:22,130 --> 00:47:20,400

accidents or are they throwing

1217

00:47:24,800 --> 00:47:22,140

themselves willingly into the roads you

1218

00:47:26,720 --> 00:47:24,810

know I just I just don't know and people

1219

00:47:29,300 --> 00:47:26,730

who are so stupid that they'll by ear

1220

00:47:31,280 --> 00:47:29,310

candles we I think that ear candles will

1221

00:47:33,670 --> 00:47:31,290

be the least of their worries it right

1222

00:47:36,050 --> 00:47:33,680

okay that's a good way of looking at it

1223

00:47:39,020 --> 00:47:36,060

anyway Ben I think we'd better wrap this

1224

00:47:40,780 --> 00:47:39,030

up cool thank you so much thank you so

1225

00:47:43,730 --> 00:47:40,790

much for joining us on the zone today

1226

00:47:45,260 --> 00:47:43,740

that's very good fun as a little present

1227

00:47:47,810 --> 00:47:45,270

we're going to send you a DVD of

1228

00:47:50,900 --> 00:47:47,820

Australian poetry which is done by our

1229

00:47:53,750 --> 00:47:50,910

voiceover man Jim will cheer and I hope

1230

00:47:57,140 --> 00:47:53,760

you'll enjoy and also a DVD on how to

1231

00:47:59,690 --> 00:47:57,150

fold origami by Richard Saunders cologne

1232

00:48:01,609 --> 00:47:59,700

really handy hours of fun and also a

1233

00:48:04,099 --> 00:48:01,619

copy of the great skeptic CD from

1234

00:48:06,050 --> 00:48:04,109

Australian skeptics cool anything with

1235

00:48:07,820 --> 00:48:06,060

australian accents no I'm Australian I

1236

00:48:09,800 --> 00:48:07,830

mean on paper only obviously in the

1237

00:48:12,140 --> 00:48:09,810

flesh and possibly the most English man

1238

00:48:14,450 --> 00:48:12,150

you've ever met but I have like an

1239

00:48:16,579 --> 00:48:14,460

Australian passport and everything I am

1240

00:48:17,930 --> 00:48:16,589

or XIV a lot yeah and I went to school

1241

00:48:20,210 --> 00:48:17,940

in Perth and stuff and all my family

1242

00:48:22,310 --> 00:48:20,220

living in Australian all right ok i just

1243

00:48:24,770 --> 00:48:22,320

put this accent on because i'm desperate

1244

00:48:26,780 --> 00:48:24,780

for approval right well perhaps you

1245

00:48:28,910 --> 00:48:26,790

might like to come down in 2010 for the

1246

00:48:33,500 --> 00:48:28,920

australian national skeptics conference

1247

00:48:35,829 --> 00:48:33,510

been oh yeah gonna be great oh come on

1248

00:48:39,260 --> 00:48:35,839

down mate we'll see you in 2010

1249

00:48:42,470 --> 00:48:39,270

excellent that's extremely kind ok ok

1250

00:48:48,589 --> 00:48:42,480

we're cheers thank you very much

1251

00:48:52,920 --> 00:48:50,670

thanks for joining me for this week

1252

00:48:55,020 --> 00:48:52,930

skeptics own special we are very

1253

00:48:58,470 --> 00:48:55,030

grateful to Ben Goldacre for giving us

1254

00:49:00,839 --> 00:48:58,480

his time two weeks in a row join us next

1255

00:49:03,569 --> 00:49:00,849

week for our regular show where I will

1256

00:49:05,849 --> 00:49:03,579

be back with dr. Rachel reports plus our

1257

00:49:08,819 --> 00:49:05,859

other regular segments the roundup grain

1258

00:49:12,599 --> 00:49:08,829

of salt the think tank plus Richard and

1259

00:49:14,880 --> 00:49:12,609

Stefan return until next time this has

1260

00:49:20,250 --> 00:49:14,890

been dr. H II saying goodbye from the

1261

00:49:23,240 --> 00:49:20,260

skeptic zone you've been listening to

1262

00:49:27,180 --> 00:49:23,250

the skeptic zone visit our website at

1263

00:49:32,009 --> 00:49:27,190

wwc a petting zoo TV for comments

1264

00:49:32,019 --> 00:49:36,190

skin