

SKEPTIC ZONE



1
00:00:12,960 --> 00:00:09,490
welcome to the skeptic zone the podcast

2
00:00:16,810 --> 00:00:12,970
from Australia for science and reason

3
00:00:21,050 --> 00:00:16,820
yuria hosts Richard Saunders and Stefan

4
00:00:25,859 --> 00:00:24,150
Richard it's show number 30 it isn't

5
00:00:28,499 --> 00:00:25,869
even the birds outside a habitat is

6
00:00:30,359 --> 00:00:28,509
celebrating they are singing with joy at

7
00:00:33,720 --> 00:00:30,369
our achieving our accomplishment of

8
00:00:36,210 --> 00:00:33,730
getting through 29 complete skeptic

9
00:00:38,280 --> 00:00:36,220
zones and arriving here we have in fact

10
00:00:40,200 --> 00:00:38,290
that i like your studio step and i must

11
00:00:42,140 --> 00:00:40,210
say these windows out to the trees and

12
00:00:45,150 --> 00:00:42,150
it's nice and natural easy those birds

13
00:00:46,590 --> 00:00:45,160

yeah and then fame that dissing my

14

00:00:48,330 --> 00:00:46,600

hearings not good cuz i've played rock

15

00:00:50,670 --> 00:00:48,340

and roll for many years ah ah got

16

00:00:52,140 --> 00:00:50,680

tinnitus so yes it's a struggle but i

17

00:00:54,299 --> 00:00:52,150

could i can just take it I can I

18

00:00:56,040 --> 00:00:54,309

remember thanks for joining me again in

19

00:00:58,200 --> 00:00:56,050

your studio oh that's wonderful to be

20

00:01:00,540 --> 00:00:58,210

here it is it's a nice to do and of

21

00:01:03,779 --> 00:01:00,550

course show number 34 the 15th of may

22

00:01:07,499 --> 00:01:03,789

and a great show now normally of course

23

00:01:09,870 --> 00:01:07,509

on these shows every second week we have

24

00:01:11,730 --> 00:01:09,880

dr. Ricci yes we do she's been and she's

25

00:01:14,219 --> 00:01:11,740

been working extra hard lately so she

26
00:01:16,680 --> 00:01:14,229
has investigative journalist the machine

27
00:01:18,090 --> 00:01:16,690
has and because she did to dr. a cheese

28
00:01:20,760 --> 00:01:18,100
in a row she's having a bit of a rest

29
00:01:22,710 --> 00:01:20,770
this week ah she grew her she deserves a

30
00:01:25,650 --> 00:01:22,720
bit of homeopathic remedy and stuffed

31
00:01:27,210 --> 00:01:25,660
absolutely out here having the old Reiki

32
00:01:28,859 --> 00:01:27,220
you're gonna break here yeah yeah yeah

33
00:01:31,020 --> 00:01:28,869
but for the crystal healing that'll be

34
00:01:32,969 --> 00:01:31,030
good yeah and so what are we going to do

35
00:01:36,210 --> 00:01:32,979
in her place that's it the show's over

36
00:01:37,650 --> 00:01:36,220
oh ok well that's Bernie goodbye right

37
00:01:39,240 --> 00:01:37,660
no we better do something Carly sure

38
00:01:41,550 --> 00:01:39,250

we've got a great interview with an

39

00:01:43,830 --> 00:01:41,560

author UK author Bruce M hood now he's

40

00:01:46,230 --> 00:01:43,840

written a book called super sense now

41

00:01:48,990 --> 00:01:46,240

let me put a question to you if you were

42

00:01:51,059 --> 00:01:49,000

given the chance to wear a nice jacket

43

00:01:52,889 --> 00:01:51,069

yeah someone said you can wear this nice

44

00:01:54,359 --> 00:01:52,899

jacket in fact you can have it it's free

45

00:01:57,600 --> 00:01:54,369

you can have it and it fits you

46

00:02:01,580 --> 00:01:57,610

perfectly it did belong to a murderer

47

00:02:04,139 --> 00:02:01,590

but you can have it anyway oh I see aw

48

00:02:06,210 --> 00:02:04,149

sounds pretty creepy Richard yeah it's

49

00:02:07,889 --> 00:02:06,220

pretty creepy here but I probably would

50

00:02:09,330 --> 00:02:07,899

you probably would yes mmm so if

51
00:02:12,870 --> 00:02:09,340
somebody offered you a house a great

52
00:02:14,520 --> 00:02:12,880
house at a cut right cut rate price but

53
00:02:16,350 --> 00:02:14,530
it was where some people were murdered

54
00:02:18,809 --> 00:02:16,360
like free Peep or something would you

55
00:02:21,630 --> 00:02:18,819
buy the house uh if it was thoroughly

56
00:02:23,729 --> 00:02:21,640
cleaned yeah yes I sleep well these are

57
00:02:26,309 --> 00:02:23,739
the sort of the questions that Bruce M

58
00:02:28,620 --> 00:02:26,319
hood has been investigating and Kyle

59
00:02:30,060 --> 00:02:28,630
Easter just will interview him and

60
00:02:31,380 --> 00:02:30,070
that's coming up that's quite

61
00:02:33,750 --> 00:02:31,390
interesting because there

62
00:02:36,630 --> 00:02:33,760
slee right near my place just down the

63
00:02:39,780 --> 00:02:36,640

road there was a house where where three

64

00:02:41,820 --> 00:02:39,790

people got murdered and it was terrible

65

00:02:43,770 --> 00:02:41,830

because the the real estate agent didn't

66

00:02:45,570 --> 00:02:43,780

didn't tell the people that bought it

67

00:02:47,340 --> 00:02:45,580

and they only found out later and after

68

00:02:48,900 --> 00:02:47,350

they found out they actually won a court

69

00:02:50,670 --> 00:02:48,910

case to get their money back yeah

70

00:02:52,380 --> 00:02:50,680

because they couldn't bear living in

71

00:02:53,970 --> 00:02:52,390

their amazing and and the real estate

72

00:02:56,760 --> 00:02:53,980

agent should have actually told them so

73

00:03:00,180 --> 00:02:56,770

there you go you go there you go super

74

00:03:02,760 --> 00:03:00,190

senses the name of the book um now o our

75

00:03:05,850 --> 00:03:02,770

good friend Steve Roberts from Victoria

76

00:03:07,830 --> 00:03:05,860

who's the new editor of the skeptic

77

00:03:10,110 --> 00:03:07,840

magazine Oh as a matter of magnet he

78

00:03:12,390 --> 00:03:10,120

came up for a visit and he dr. H and I

79

00:03:14,520 --> 00:03:12,400

went for a stroll around a graveyard ah

80

00:03:16,620 --> 00:03:14,530

what's all this spooky stuff on show

81

00:03:19,440 --> 00:03:16,630

number 30 we got jacket jackets of

82

00:03:20,970 --> 00:03:19,450

murderers and gravy yeah it's getting a

83

00:03:22,650 --> 00:03:20,980

bit what I'll get chills are the dermis

84

00:03:24,300 --> 00:03:22,660

fired or it will all make sense when we

85

00:03:26,670 --> 00:03:24,310

get that actually a commentary on

86

00:03:28,110 --> 00:03:26,680

vaccination because vaccinations been on

87

00:03:30,570 --> 00:03:28,120

the skeptic zone for the last couple of

88

00:03:32,490 --> 00:03:30,580

episodes dr. rachy even appeared on the

89

00:03:35,340 --> 00:03:32,500

skeptics guide to the universe podcast

90

00:03:36,780 --> 00:03:35,350

ah talking about that ah it's like we're

91

00:03:39,210 --> 00:03:36,790

just getting out there we are really

92

00:03:40,979 --> 00:03:39,220

getting up there and this is all led me

93

00:03:42,509 --> 00:03:40,989

in fact when as soon as we're finished

94

00:03:44,370 --> 00:03:42,519

doing this introduction I'm getting in

95

00:03:46,140 --> 00:03:44,380

my car yeah I'm driving up to the doctor

96

00:03:48,270 --> 00:03:46,150

and I'm going to get my hoping cough

97

00:03:49,650 --> 00:03:48,280

booster shot is that right yep and will

98

00:03:51,810 --> 00:03:49,660

you be back before the end of the show

99

00:03:53,580 --> 00:03:51,820

beaters and I'll be back by the end of

100

00:03:56,880 --> 00:03:53,590

the show to do the closer ah Richard

101
00:03:58,470 --> 00:03:56,890
you're just a dynamo I am I'm I'm doing

102
00:04:00,060 --> 00:03:58,480
this for a couple reasons 1 i'm going to

103
00:04:01,830 --> 00:04:00,070
be an uncle again which is very exciting

104
00:04:07,259 --> 00:04:01,840
all right and two I just wanted to say

105
00:04:09,180 --> 00:04:07,269
sincerely in your face avian them's

106
00:04:10,800 --> 00:04:09,190
fightin words fightin words well let's

107
00:04:12,930 --> 00:04:10,810
just get over the show sure what else is

108
00:04:14,819 --> 00:04:12,940
happening is Aaron here this way oh yes

109
00:04:16,890 --> 00:04:14,829
grain of salt with our answer here love

110
00:04:19,130 --> 00:04:16,900
that nice little things chintu nicely

111
00:04:22,170 --> 00:04:19,140
things you he's going to be looking at

112
00:04:24,810 --> 00:04:22,180
wondering why politicians don't act more

113
00:04:27,060 --> 00:04:24,820

like scientists that's a very good

114

00:04:28,800 --> 00:04:27,070

question but that'll you'll see what he

115

00:04:30,180 --> 00:04:28,810

means when granite rock comes on we have

116

00:04:32,279 --> 00:04:30,190

the think tank of course and we had

117

00:04:34,200 --> 00:04:32,289

seven people for the think tank it's

118

00:04:35,790 --> 00:04:34,210

becoming like one of those house parties

119

00:04:37,540 --> 00:04:35,800

where one sends a text to each other you

120

00:04:38,830 --> 00:04:37,550

see one game crashes our skin

121

00:04:40,450 --> 00:04:38,840

getting out of control I think we're

122

00:04:42,010 --> 00:04:40,460

going to have to actually the think

123

00:04:43,870 --> 00:04:42,020

tanks becoming very popular and I'm glad

124

00:04:46,150 --> 00:04:43,880

that people have just people ran and

125

00:04:47,710 --> 00:04:46,160

peep off the street it was amazing they

126
00:04:49,510 --> 00:04:47,720
come in guys like what's going on here

127
00:04:52,000 --> 00:04:49,520
I'm going to join it now a great group

128
00:04:54,070 --> 00:04:52,010
of people um and that's the show that's

129
00:04:56,080 --> 00:04:54,080
the show show number 30 number 30 and

130
00:05:10,070 --> 00:04:56,090
let's just get on with it shall we let's

131
00:05:14,850 --> 00:05:12,810
dr. Bruce M hood the director of the

132
00:05:16,950 --> 00:05:14,860
Bristol cognitive development center in

133
00:05:19,230 --> 00:05:16,960
the experimental psychology department

134
00:05:21,420 --> 00:05:19,240
at the University of Bristol as a new

135
00:05:23,760 --> 00:05:21,430
book out in the vein of malcolm

136
00:05:26,220 --> 00:05:23,770
gladwell's blink he explores how we may

137
00:05:29,190 --> 00:05:26,230
be pre wired with a mine design that

138
00:05:31,650 --> 00:05:29,200

creates our super sense that shapes our

139

00:05:33,180 --> 00:05:31,660

intuitions and superstitions and is

140

00:05:35,130 --> 00:05:33,190

essential to the way we learn to

141

00:05:38,460 --> 00:05:35,140

understand the world and brings us

142

00:05:40,430 --> 00:05:38,470

together as a society his new book super

143

00:05:43,200 --> 00:05:40,440

sense why we believe the unbelievable

144

00:05:45,060 --> 00:05:43,210

has featured in Time magazine and is

145

00:05:48,270 --> 00:05:45,070

praised by the likes of Steven Pinker

146

00:05:50,910 --> 00:05:48,280

and Susan Blackmore as his book launched

147

00:05:52,800 --> 00:05:50,920

in both the USA and the UK professor

148

00:05:56,550 --> 00:05:52,810

hood kindly took a moment to talk to us

149

00:05:59,160 --> 00:05:56,560

for the skeptic zone thank you very much

150

00:06:00,840 --> 00:05:59,170

for joining us dr. Bruce hood now you

151
00:06:03,210 --> 00:06:00,850
begin your book super sense how we

152
00:06:05,610 --> 00:06:03,220
believe in the unbelievable with a very

153
00:06:09,230 --> 00:06:05,620
simple tale about how even a condemned

154
00:06:12,780 --> 00:06:09,240
building or a simple jumper can tap into

155
00:06:14,790 --> 00:06:12,790
superstitious beliefs well the example

156
00:06:17,280 --> 00:06:14,800
you're referring to is the killers

157
00:06:21,720 --> 00:06:17,290
cardigan or the color sweater and this

158
00:06:23,730 --> 00:06:21,730
was a deliberate ploy to try and engage

159
00:06:26,940 --> 00:06:23,740
the the journalists who turned up to the

160
00:06:29,040 --> 00:06:26,950
press conference with a very dramatic

161
00:06:33,060 --> 00:06:29,050
example of the point I was trying to

162
00:06:37,290 --> 00:06:33,070
make namely that objects which have some

163
00:06:40,230 --> 00:06:37,300

emotional context generate almost the

164

00:06:41,970 --> 00:06:40,240

fear of contamination if they're they're

165

00:06:44,850 --> 00:06:41,980

associated with somebody evil so I I

166

00:06:47,730 --> 00:06:44,860

basically in the press conference I

167

00:06:51,030 --> 00:06:47,740

brought along a cardigan an old sweater

168

00:06:54,480 --> 00:06:51,040

and asked to be willing to wear it for

169

00:06:56,580 --> 00:06:54,490

twenty bucks and of course people it was

170

00:06:58,170 --> 00:06:56,590

about yeah they put their hands up and

171

00:07:01,110 --> 00:06:58,180

and then I said would you still wear it

172

00:07:03,390 --> 00:07:01,120

if he knew it belonged to Fred West who

173

00:07:06,030 --> 00:07:03,400

was the notorious killer very famous a

174

00:07:08,670 --> 00:07:06,040

very infamous and most people put their

175

00:07:11,310 --> 00:07:08,680

hands down there was one or two get the

176

00:07:12,930 --> 00:07:11,320

hands up but as I pointed out the other

177

00:07:14,550 --> 00:07:12,940

people were rather shocked people around

178

00:07:16,770 --> 00:07:14,560

them were surprised that anyone would

179

00:07:18,990 --> 00:07:16,780

even consider touching

180

00:07:20,790 --> 00:07:19,000

wearing a cardigan that they believed

181

00:07:23,340 --> 00:07:20,800

had been previously worn by murderer of

182

00:07:24,960 --> 00:07:23,350

course it was mild mild sweater Michael

183

00:07:27,120 --> 00:07:24,970

Corrigan but the belief which was

184

00:07:28,680 --> 00:07:27,130

sufficient to create that and that's why

185

00:07:31,530 --> 00:07:28,690

I use it as a just a very immediate

186

00:07:33,450 --> 00:07:31,540

dramatic action because the thing is

187

00:07:35,640 --> 00:07:33,460

that people will respond immediately and

188

00:07:38,610 --> 00:07:35,650

then try and rationalize or justify

189

00:07:39,810 --> 00:07:38,620

their behavior after the event and of

190

00:07:42,810 --> 00:07:39,820

course people say oh it's just the

191

00:07:45,710 --> 00:07:42,820

Association but I think in the book I've

192

00:07:49,740 --> 00:07:45,720

tried to make a very I try to make a

193

00:07:51,480 --> 00:07:49,750

case that whilst it could be association

194

00:07:54,840 --> 00:07:51,490

that there are there more intuitive

195

00:07:56,610 --> 00:07:54,850

processes operating which really ties

196

00:08:00,720 --> 00:07:56,620

into the theme of the book namely that

197

00:08:02,880 --> 00:08:00,730

we intuitively infer hidden dimensions

198

00:08:05,400 --> 00:08:02,890

to reality especially with objects which

199

00:08:06,810 --> 00:08:05,410

have some emotional valence and so in

200

00:08:10,350 --> 00:08:06,820

the same way that you wouldn't want to

201

00:08:12,540 --> 00:08:10,360

wear a killers cardigan you pay very

202

00:08:14,370 --> 00:08:12,550

good months of money to where Princess

203

00:08:16,980 --> 00:08:14,380

Diana's dress maybe or maybe not where

204

00:08:20,100 --> 00:08:16,990

but just ain't it so it's this idea that

205

00:08:22,080 --> 00:08:20,110

objects which are you know they can take

206

00:08:23,400 --> 00:08:22,090

on the almost an additional property or

207

00:08:25,290 --> 00:08:23,410

we infer there's something I'm not

208

00:08:27,659 --> 00:08:25,300

saying that there is anything else it's

209

00:08:29,790 --> 00:08:27,669

just this is what we assume now that

210

00:08:32,310 --> 00:08:29,800

example demonstrates the influence of

211

00:08:34,409 --> 00:08:32,320

one's peers but it doesn't eliminate the

212

00:08:36,450 --> 00:08:34,419

influence of other factors does it yeah

213

00:08:38,010 --> 00:08:36,460

I think that's I think that's one of the

214

00:08:40,320 --> 00:08:38,020

reasons why we have believers and

215

00:08:43,020 --> 00:08:40,330

non-believers there is this kind of

216

00:08:44,850 --> 00:08:43,030

assumption that we get our beliefs from

217

00:08:47,370 --> 00:08:44,860

what we're told as if we're sort of

218

00:08:49,370 --> 00:08:47,380

blank blank slates and that somehow

219

00:08:51,780 --> 00:08:49,380

believers have been indoctrinated

220

00:08:53,670 --> 00:08:51,790

through there through their lifetime

221

00:08:56,340 --> 00:08:53,680

with beliefs and that's why they they

222

00:08:58,470 --> 00:08:56,350

hold these notions well lost whilst

223

00:09:00,720 --> 00:08:58,480

culture and dr. nation plays a role it

224

00:09:03,420 --> 00:09:00,730

can't be the entire explanation because

225

00:09:06,000 --> 00:09:03,430

even within the same family you can have

226

00:09:08,520 --> 00:09:06,010

believers and non-believers so it's it

227

00:09:10,290 --> 00:09:08,530

can't be the entire our satisfactory

228

00:09:12,120 --> 00:09:10,300

answer to the difference between why we

229

00:09:13,980 --> 00:09:12,130

have believers non-believers and what

230

00:09:16,350 --> 00:09:13,990

I've done in the book is I've pointed

231

00:09:19,950 --> 00:09:16,360

out this this might reflect on the fact

232

00:09:22,050 --> 00:09:19,960

way that we rely on either our intuitive

233

00:09:23,670 --> 00:09:22,060

reasoning of the world or a more

234

00:09:26,579 --> 00:09:23,680

analytical rational way of seeing the

235

00:09:27,960 --> 00:09:26,589

world we have both ways of thinking this

236

00:09:29,400 --> 00:09:27,970

is a typical distinction made by

237

00:09:30,290 --> 00:09:29,410

psychologists we talk about the two

238

00:09:32,210 --> 00:09:30,300

processes of

239

00:09:35,390 --> 00:09:32,220

reasoning what is intuitive in one is

240

00:09:37,280 --> 00:09:35,400

analytical and what we know is that the

241

00:09:39,530 --> 00:09:37,290

intuitive system probably operates very

242

00:09:41,420 --> 00:09:39,540

early in development whereas the more

243

00:09:44,120 --> 00:09:41,430

rational analytical system is one which

244

00:09:45,830 --> 00:09:44,130

comes much later in development and can

245

00:09:48,080 --> 00:09:45,840

be honed and fine-tuned through

246

00:09:49,730 --> 00:09:48,090

education but within everyone there are

247

00:09:51,500 --> 00:09:49,740

two systems and so I think the real

248

00:09:53,540 --> 00:09:51,510

difference between the believers and the

249

00:09:56,330 --> 00:09:53,550

non-believers is the extent to which the

250

00:09:59,360 --> 00:09:56,340

non-believers can suppress or inhibit

251
00:10:01,190 --> 00:09:59,370
the tendency to rely on intuition but it

252
00:10:03,080 --> 00:10:01,200
never entirely goes away and that's

253
00:10:05,660 --> 00:10:03,090
another point that I make that under

254
00:10:08,570 --> 00:10:05,670
stress or in times of crisis or

255
00:10:10,460 --> 00:10:08,580
uncertainty and indeed well at times of

256
00:10:12,440 --> 00:10:10,470
illness you can compromise the

257
00:10:14,480 --> 00:10:12,450
analytical system the rational system

258
00:10:17,990 --> 00:10:14,490
and the intuitive one will push through

259
00:10:19,640 --> 00:10:18,000
with with your intrusive thoughts and

260
00:10:21,650 --> 00:10:19,650
concerns which are supernatural in

261
00:10:23,810 --> 00:10:21,660
context now the notion of being

262
00:10:26,150 --> 00:10:23,820
hardwired towards supernatural beliefs

263
00:10:27,710 --> 00:10:26,160

was discussed earlier by dr. Chrissie

264

00:10:30,350 --> 00:10:27,720

Wilson from the University of Tasmania

265

00:10:32,810 --> 00:10:30,360

on our show does that idea have much

266

00:10:35,510 --> 00:10:32,820

resistance do you think I've achieved

267

00:10:37,130 --> 00:10:35,520

that remarkable feat of annoying both

268

00:10:41,120 --> 00:10:37,140

sides of the argument simultaneously

269

00:10:42,920 --> 00:10:41,130

because well the thing is that the the

270

00:10:44,600 --> 00:10:42,930

believers of course would like to think

271

00:10:46,010 --> 00:10:44,610

that they're being you know that their

272

00:10:48,080 --> 00:10:46,020

beliefs are substantiate 'add and

273

00:10:49,160 --> 00:10:48,090

they're coming up there they're coming

274

00:10:51,530 --> 00:10:49,170

up with these decisions by themselves

275

00:10:52,970 --> 00:10:51,540

and of course the skeptics on the other

276

00:10:55,310 --> 00:10:52,980

side would like to think if you remove

277

00:10:56,900 --> 00:10:55,320

the context or the the person you know

278

00:10:59,810 --> 00:10:56,910

the the influence of the environment

279

00:11:01,970 --> 00:10:59,820

people will somehow develop into

280

00:11:03,890 --> 00:11:01,980

reasonable rational people and of course

281

00:11:06,230 --> 00:11:03,900

the hardwiring side of that suggests

282

00:11:08,120 --> 00:11:06,240

that both sides of that extreme position

283

00:11:10,340 --> 00:11:08,130

are incorrect that in fact that they're

284

00:11:11,720 --> 00:11:10,350

they're an inevitable consequence of the

285

00:11:15,560 --> 00:11:11,730

way that we naturally interpret the

286

00:11:17,480 --> 00:11:15,570

world so yes I if there has been some

287

00:11:20,180 --> 00:11:17,490

resistance the idea so far it seems to

288

00:11:23,150 --> 00:11:20,190

become it seems to be coming mainly from

289

00:11:26,000 --> 00:11:23,160

from the the skeptics and I think that's

290

00:11:28,750 --> 00:11:26,010

yeah I think that's because if you read

291

00:11:31,820 --> 00:11:28,760

The God Delusion or Don Dennett's books

292

00:11:34,700 --> 00:11:31,830

there is this a lot of emphasis is put

293

00:11:36,950 --> 00:11:34,710

on memes which are these this notion of

294

00:11:40,490 --> 00:11:36,960

an idea that can somehow propagate or

295

00:11:42,470 --> 00:11:40,500

transmit almost like a virus and so the

296

00:11:44,030 --> 00:11:42,480

idea is you if you cut out the virus or

297

00:11:46,910 --> 00:11:44,040

eradicate the virus then you won't

298

00:11:48,170 --> 00:11:46,920

have supernatural beliefs spreading but

299

00:11:50,660 --> 00:11:48,180

i don't think the mean theory is

300

00:11:52,639 --> 00:11:50,670

entirely satisfactory because if the

301

00:11:54,710 --> 00:11:52,649

true origins of belief are from within

302

00:11:56,509 --> 00:11:54,720

the child that means you've always going

303

00:11:58,879 --> 00:11:56,519

to have a continual battle trying to

304

00:12:00,829 --> 00:11:58,889

fight this this inclination which is in

305

00:12:02,509 --> 00:12:00,839

fact very very natural so I think the

306

00:12:04,340 --> 00:12:02,519

skeptics done particularly liked that

307

00:12:06,819 --> 00:12:04,350

story or that account because it does

308

00:12:09,889 --> 00:12:06,829

suggest that a lot of the effort is

309

00:12:11,689 --> 00:12:09,899

going to be a bit misguided I did notice

310

00:12:13,939 --> 00:12:11,699

from the start that they were reviews

311

00:12:16,249 --> 00:12:13,949

and comments which said skeptics

312

00:12:18,710 --> 00:12:16,259

wouldn't normally buy this book which I

313

00:12:21,050 --> 00:12:18,720

must admit i found kind of a challenge

314

00:12:22,730 --> 00:12:21,060

was this something you intended oh I

315

00:12:25,430 --> 00:12:22,740

really hope so because I'm in fact I

316

00:12:27,439 --> 00:12:25,440

don't think I i think that uh that you

317

00:12:30,379 --> 00:12:27,449

know if you if you see my website then

318

00:12:32,180 --> 00:12:30,389

you know that term that i am concerned

319

00:12:34,790 --> 00:12:32,190

away the way the beliefs have led to

320

00:12:35,960 --> 00:12:34,800

atrocities and especially in Africa you

321

00:12:39,050 --> 00:12:35,970

know I highlighted some of the recent

322

00:12:41,120 --> 00:12:39,060

Sun crimes in the witch burning and then

323

00:12:43,400 --> 00:12:41,130

also the attacks against the albinos in

324

00:12:45,259 --> 00:12:43,410

Tanzania for body parts because they're

325

00:12:47,389 --> 00:12:45,269

used in their traditional medicine the

326

00:12:49,100 --> 00:12:47,399

mood two killings these are called so

327

00:12:51,050 --> 00:12:49,110

I'm not saying that beliefs are

328

00:12:55,340 --> 00:12:51,060

completely innocuous and we should just

329

00:12:57,710 --> 00:12:55,350

accept the you know willy-nilly you know

330

00:13:00,079 --> 00:12:57,720

we really have to be vigilant because

331

00:13:02,240 --> 00:13:00,089

sometimes beliefs can be recruited up by

332

00:13:05,059 --> 00:13:02,250

individuals or groups who will use them

333

00:13:06,680 --> 00:13:05,069

to their own ends and purposes but they

334

00:13:09,050 --> 00:13:06,690

are inevitable and I think that that's

335

00:13:12,769 --> 00:13:09,060

something we've got to appreciate so

336

00:13:15,500 --> 00:13:12,779

that I am rallying cry to the skeptics

337

00:13:16,970 --> 00:13:15,510

is yes you know it keep an eye on

338

00:13:18,740 --> 00:13:16,980

beliefs but if you want to know your

339

00:13:20,569 --> 00:13:18,750

enemy you know understand the nature

340

00:13:23,180 --> 00:13:20,579

where these things are coming from and

341

00:13:25,430 --> 00:13:23,190

whilst culture provides a framework

342

00:13:27,319 --> 00:13:25,440

which encourages believes we have to

343

00:13:30,079 --> 00:13:27,329

recognize that there is an additional

344

00:13:31,579 --> 00:13:30,089

process namely the origins for why we

345

00:13:33,350 --> 00:13:31,589

might accept these beliefs in the first

346

00:13:36,860 --> 00:13:33,360

place so what I'm trying to do is

347

00:13:38,540 --> 00:13:36,870

broaden up or move the the the argument

348

00:13:41,329 --> 00:13:38,550

forward because I think we've reached a

349

00:13:43,759 --> 00:13:41,339

bit of an impasse in the recent year is

350

00:13:47,379 --> 00:13:43,769

about what to do about belief this idea

351
00:13:50,179 --> 00:13:47,389
of trying to eradicate it by a wholesale

352
00:13:52,790 --> 00:13:50,189
removal of cultures I simply not going

353
00:13:55,220 --> 00:13:52,800
to work III don't have any belief that

354
00:13:57,079 --> 00:13:55,230
that's going to really happen because we

355
00:13:57,680 --> 00:13:57,089
know historically this has been here

356
00:14:00,080 --> 00:13:57,690
right from the

357
00:14:02,060 --> 00:14:00,090
civilization we know it's universal and

358
00:14:03,890 --> 00:14:02,070
when there have been attempts to remove

359
00:14:06,350 --> 00:14:03,900
the influence of organized belief

360
00:14:09,080 --> 00:14:06,360
systems IE religion they generally go

361
00:14:11,690 --> 00:14:09,090
underground and flourish and thrive as

362
00:14:14,150 --> 00:14:11,700
they did in communist russia and china

363
00:14:15,620 --> 00:14:14,160

so what i'm saying is that i think and

364

00:14:17,510 --> 00:14:15,630

understand if you read the book i think

365

00:14:20,000 --> 00:14:17,520

it will open people's eyes that there's

366

00:14:21,020 --> 00:14:20,010

a wide gamut of beliefs from religion

367

00:14:23,390 --> 00:14:21,030

right through to the secular

368

00:14:25,100 --> 00:14:23,400

supernatural notions i discuss and that

369

00:14:26,900 --> 00:14:25,110

we understand these in terms of their

370

00:14:28,490 --> 00:14:26,910

origins were better equipped to deal

371

00:14:31,130 --> 00:14:28,500

with them now you've already mentioned

372

00:14:38,270 --> 00:14:31,140

in passing blogging and if people head

373

00:14:40,430 --> 00:14:38,280

to your website at WWF for Bruce M hood

374

00:14:42,680 --> 00:14:40,440

they will discover a variety of blog

375

00:14:44,780 --> 00:14:42,690

entries have you enjoyed the experience

376

00:14:46,850 --> 00:14:44,790

of getting online and interacting with

377

00:14:49,520 --> 00:14:46,860

people yes when when the publisher has

378

00:14:50,960 --> 00:14:49,530

asked me to start a blog I was very

379

00:14:52,790 --> 00:14:50,970

reluctant to do so because I thought

380

00:14:55,820 --> 00:14:52,800

blogging was a very self-indulgent I'm

381

00:14:58,160 --> 00:14:55,830

kind of pastime and as a job as a job

382

00:15:01,280 --> 00:14:58,170

well for someone who's got a full-time

383

00:15:04,790 --> 00:15:01,290

job as a researcher without much time I

384

00:15:06,170 --> 00:15:04,800

was concerned about I i must confess i

385

00:15:08,870 --> 00:15:06,180

didn't know a lot about blogging i

386

00:15:10,580 --> 00:15:08,880

didn't understand it why anyone would

387

00:15:12,650 --> 00:15:10,590

ever devote time or effort to doing

388

00:15:14,450 --> 00:15:12,660

doing that but actually having joined

389

00:15:15,950 --> 00:15:14,460

the blogosphere and the blogging

390

00:15:17,780 --> 00:15:15,960

community and having looked at your

391

00:15:19,040 --> 00:15:17,790

blogs and blogs from around the world i

392

00:15:22,270 --> 00:15:19,050

realized actually there are very

393

00:15:25,240 --> 00:15:22,280

powerful forum for not only

394

00:15:28,610 --> 00:15:25,250

disseminating information but also

395

00:15:31,160 --> 00:15:28,620

harvesting ideas from others because as

396

00:15:32,840 --> 00:15:31,170

you pointed out others have written to

397

00:15:34,940 --> 00:15:32,850

me have come to the blog with ideas and

398

00:15:38,330 --> 00:15:34,950

suggestions and I think it's just opened

399

00:15:41,000 --> 00:15:38,340

my eyes to the real power of blogging

400

00:15:44,000 --> 00:15:41,010

and how it really cannot not just

401
00:15:46,670 --> 00:15:44,010
enhance publicity for selling books but

402
00:15:48,410 --> 00:15:46,680
actually it has made me take other

403
00:15:50,720 --> 00:15:48,420
people's perspectives and I have shifted

404
00:15:53,720 --> 00:15:50,730
my position on a number of issues which

405
00:15:55,400 --> 00:15:53,730
I thought I understood fairly well on

406
00:15:57,079 --> 00:15:55,410
the basis of things that people have

407
00:15:58,850 --> 00:15:57,089
written to me about maybe just to refine

408
00:16:02,390 --> 00:15:58,860
my arguments or refine some of the

409
00:16:05,150 --> 00:16:02,400
comments I've made but um the the site

410
00:16:08,810 --> 00:16:05,160
Bruce and Hakam I think works really

411
00:16:11,290 --> 00:16:08,820
well because I've tried to regularly

412
00:16:13,480 --> 00:16:11,300
scrutinize these stories from around the

413
00:16:15,910 --> 00:16:13,490

world hitting the headlines and look

414

00:16:17,769 --> 00:16:15,920

towards some or interpret them in this

415

00:16:20,259 --> 00:16:17,779

framework that I keep coming back to in

416

00:16:24,100 --> 00:16:20,269

the book mainly that people assume there

417

00:16:26,199 --> 00:16:24,110

are forces energies patents entities

418

00:16:29,350 --> 00:16:26,209

operating in the world and explains a

419

00:16:30,639 --> 00:16:29,360

lot of very diverse human behavior that

420

00:16:32,829 --> 00:16:30,649

at first instance doesn't look

421

00:16:35,710 --> 00:16:32,839

supernatural but when you start to

422

00:16:37,870 --> 00:16:35,720

analyze it and Deacon deconstructed it

423

00:16:39,130 --> 00:16:37,880

turns out to be the case so you know

424

00:16:42,100 --> 00:16:39,140

it's everything from why we use

425

00:16:45,639 --> 00:16:42,110

cosmetics to our attitudes to organ

426

00:16:47,470 --> 00:16:45,649

transplants to even the atrocities

427

00:16:51,220 --> 00:16:47,480

committed against individuals who we

428

00:16:53,440 --> 00:16:51,230

perceive to be if you like witches so

429

00:16:55,000 --> 00:16:53,450

it's been a it's been a very enjoyable

430

00:16:57,460 --> 00:16:55,010

experience I intend to keep it going

431

00:17:01,840 --> 00:16:57,470

irrespective of how the book does now on

432

00:17:03,850 --> 00:17:01,850

my own blog at www.com I've had people

433

00:17:06,100 --> 00:17:03,860

comment about the review I wrote of your

434

00:17:08,770 --> 00:17:06,110

book there and there's been two

435

00:17:10,990 --> 00:17:08,780

questions one was about chapter five

436

00:17:13,179 --> 00:17:11,000

where you talk about the common mental

437

00:17:15,520 --> 00:17:13,189

listing vocabulary which lays the

438

00:17:18,370 --> 00:17:15,530

foundation for beliefs in both religious

439

00:17:19,870 --> 00:17:18,380

and secular supernaturalism and whether

440

00:17:22,270 --> 00:17:19,880

or not brain scientists have a

441

00:17:24,220 --> 00:17:22,280

vocabulary problem for example we have

442

00:17:26,730 --> 00:17:24,230

mine powered devices when in fact

443

00:17:29,740 --> 00:17:26,740

they're clearly brain powered devices

444

00:17:32,740 --> 00:17:29,750

yeah that's true i mean it's the problem

445

00:17:33,970 --> 00:17:32,750

is that when we talk about the mind well

446

00:17:35,560 --> 00:17:33,980

there are two problems there's a naive

447

00:17:38,110 --> 00:17:35,570

notion of the mind is separate to the

448

00:17:41,110 --> 00:17:38,120

brain and also it's very difficult to

449

00:17:43,350 --> 00:17:41,120

get away from the language of mental

450

00:17:45,940 --> 00:17:43,360

istic language when you're discussing

451
00:17:47,830 --> 00:17:45,950
making decisions and reason and so

452
00:17:51,340 --> 00:17:47,840
you're absolutely correct that from a

453
00:17:53,200 --> 00:17:51,350
very early age we have this notion of

454
00:17:55,390 --> 00:17:53,210
how we use the term mental istic terms

455
00:17:57,790 --> 00:17:55,400
and it does lead us into these these

456
00:17:59,950 --> 00:17:57,800
traps of talking as if the mind is

457
00:18:03,150 --> 00:17:59,960
completely separate to the brain but

458
00:18:05,860 --> 00:18:03,160
neuroscientists like Pinker and myself

459
00:18:08,680 --> 00:18:05,870
whilst we can use that vocabulary very

460
00:18:13,000 --> 00:18:08,690
easily in common parlance with others in

461
00:18:15,010 --> 00:18:13,010
reality of course neuroscientist almost

462
00:18:17,950 --> 00:18:15,020
20 to a man would would argue that or

463
00:18:20,140 --> 00:18:17,960

women would argue that it's you know

464

00:18:22,330 --> 00:18:20,150

it's definitely that it's the brain it's

465

00:18:25,120 --> 00:18:22,340

just that we don't have a common usage

466

00:18:28,480 --> 00:18:25,130

of the word of it's my brain it did it

467

00:18:31,840 --> 00:18:28,490

we would keep saying I did it or it's me

468

00:18:33,760 --> 00:18:31,850

and so these notions of how we represent

469

00:18:36,070 --> 00:18:33,770

ourselves are embedded in the language

470

00:18:37,960 --> 00:18:36,080

so it's going to always be a continual

471

00:18:39,610 --> 00:18:37,970

problem i think i'm not sure that we can

472

00:18:41,950 --> 00:18:39,620

do anything about it but it's a very

473

00:18:44,020 --> 00:18:41,960

good point that the the person raised

474

00:18:47,380 --> 00:18:44,030

I've had another question from a

475

00:18:49,750 --> 00:18:47,390

correspondent in regards to the repeated

476

00:18:52,000 --> 00:18:49,760

studies which demonstrate that women

477

00:18:54,550 --> 00:18:52,010

have a tendency towards belief in the

478

00:18:57,280 --> 00:18:54,560

power normal and belief in superstitions

479

00:18:59,620 --> 00:18:57,290

and she had a concern that many people

480

00:19:01,930 --> 00:18:59,630

might condemn it as being a judgment of

481

00:19:04,390 --> 00:19:01,940

women's intelligence that because of the

482

00:19:06,160 --> 00:19:04,400

credulity that seems to be demonstrated

483

00:19:08,140 --> 00:19:06,170

it would equal that women are more

484

00:19:10,240 --> 00:19:08,150

stupid and that's why they would believe

485

00:19:13,420 --> 00:19:10,250

have you ever come across concerns about

486

00:19:16,000 --> 00:19:13,430

that well um she's up she's actually

487

00:19:19,420 --> 00:19:16,010

right to take issue with it and I would

488

00:19:21,130 --> 00:19:19,430

I would reply that first of all I don't

489

00:19:24,190 --> 00:19:21,140

think an inclination towards intuitive

490

00:19:26,200 --> 00:19:24,200

reasoning is stupid on the contrary I

491

00:19:27,670 --> 00:19:26,210

think that you need both types of

492

00:19:30,760 --> 00:19:27,680

reasoning both the analytical and the

493

00:19:32,830 --> 00:19:30,770

intuitive to make progress because the

494

00:19:35,140 --> 00:19:32,840

research shows that you need to know

495

00:19:37,530 --> 00:19:35,150

it's a cliché but to think beyond the

496

00:19:40,840 --> 00:19:37,540

box is really what's required to make

497

00:19:43,570 --> 00:19:40,850

steps of progress even in science we

498

00:19:45,010 --> 00:19:43,580

need intuitions and sensing patterns

499

00:19:46,930 --> 00:19:45,020

because if you operate with a very

500

00:19:49,240 --> 00:19:46,940

analytical very rationalistic position

501
00:19:50,740 --> 00:19:49,250
you're very constrained and of course

502
00:19:52,330 --> 00:19:50,750
when you're dealing with the complexity

503
00:19:55,210 --> 00:19:52,340
of the universe and you're dealing with

504
00:19:57,520 --> 00:19:55,220
a complexity of data if you have what we

505
00:20:00,700 --> 00:19:57,530
call a signal-to-noise ratio which means

506
00:20:02,140 --> 00:20:00,710
you discard a lot of the interesting

507
00:20:04,030 --> 00:20:02,150
signals you're going to be missing a lot

508
00:20:06,310 --> 00:20:04,040
of the complexity that's out there so

509
00:20:08,920 --> 00:20:06,320
you need to have a broad view as well as

510
00:20:11,430 --> 00:20:08,930
a more analytical constrained view but

511
00:20:14,110 --> 00:20:11,440
the data is true in terms of the

512
00:20:16,240 --> 00:20:14,120
likelihood to endorsing beliefs and

513
00:20:19,060 --> 00:20:16,250

supernatural beliefs and the studies I'm

514

00:20:21,400 --> 00:20:19,070

afraid our are pretty consistent and

515

00:20:24,190 --> 00:20:21,410

that is the case that females do score

516

00:20:26,110 --> 00:20:24,200

higher on these indices than men so I do

517

00:20:28,630 --> 00:20:26,120

think that that's something which has to

518

00:20:33,520 --> 00:20:28,640

be addressed but of course we should

519

00:20:37,210 --> 00:20:33,530

reject as basically sexism any idea that

520

00:20:38,500 --> 00:20:37,220

that somehow is is a weaker more stupid

521

00:20:40,990 --> 00:20:38,510

way of thinking that just

522

00:20:42,580 --> 00:20:41,000

simply is is not true and the other

523

00:20:44,980 --> 00:20:42,590

thing and getting back to the vocabulary

524

00:20:46,840 --> 00:20:44,990

question you mentioned the last question

525

00:20:49,210 --> 00:20:46,850

I think that we have to be careful with

526

00:20:51,550 --> 00:20:49,220

this word irrational because irrational

527

00:20:54,610 --> 00:20:51,560

is loaded it sounds as if it's somehow

528

00:20:56,170 --> 00:20:54,620

week thinking but of course the fact is

529

00:20:58,870 --> 00:20:56,180

that many of these belief systems are

530

00:21:02,290 --> 00:20:58,880

very adaptive you know not only do

531

00:21:04,770 --> 00:21:02,300

superstitions help you alleviate the

532

00:21:08,650 --> 00:21:04,780

worst excesses of uncertainty and stress

533

00:21:10,480 --> 00:21:08,660

but these behaviors are highly adapted

534

00:21:12,400 --> 00:21:10,490

otherwise it wouldn't be around so we

535

00:21:14,350 --> 00:21:12,410

have to recognize that even though

536

00:21:16,900 --> 00:21:14,360

there's no rational basis in terms of

537

00:21:19,110 --> 00:21:16,910

the logic or the reality of these

538

00:21:21,550 --> 00:21:19,120

practices and beliefs they do confer

539

00:21:23,800 --> 00:21:21,560

psychological adaptation and so we have

540

00:21:25,990 --> 00:21:23,810

to recognize that as well you've used

541

00:21:29,230 --> 00:21:26,000

the term intuition a couple of times and

542

00:21:31,000 --> 00:21:29,240

feminine intuition is one concept which

543

00:21:33,130 --> 00:21:31,010

does apparently have some reasoning

544

00:21:34,870 --> 00:21:33,140

behind the term doesn't it yes as if

545

00:21:36,910 --> 00:21:34,880

they've got an extra sense the rest of

546

00:21:40,960 --> 00:21:36,920

us thought I don't have I think that

547

00:21:42,730 --> 00:21:40,970

it's true that if you look at males and

548

00:21:45,670 --> 00:21:42,740

females on social cognition their

549

00:21:48,220 --> 00:21:45,680

ability to interpret others and read

550

00:21:49,570 --> 00:21:48,230

their body language and and they've got

551
00:21:51,430 --> 00:21:49,580
theory of mine in other words to see

552
00:21:53,320 --> 00:21:51,440
other people's perspectives then the

553
00:21:55,060 --> 00:21:53,330
evidence again is quite overwhelming

554
00:21:58,210 --> 00:21:55,070
that females are much better at social

555
00:21:59,890 --> 00:21:58,220
skills than males my colleague Simon

556
00:22:01,360 --> 00:21:59,900
baron-cohen has made a big deal out of

557
00:22:03,190 --> 00:22:01,370
this and his theory about autism

558
00:22:05,770 --> 00:22:03,200
hierarchies that autism is an extreme

559
00:22:07,900 --> 00:22:05,780
male brain I'm not sure I I would go as

560
00:22:09,520 --> 00:22:07,910
far as that but his research and indeed

561
00:22:12,040 --> 00:22:09,530
the research of many others it's

562
00:22:14,590 --> 00:22:12,050
consistent in this idea that females are

563
00:22:16,900 --> 00:22:14,600

different in the way that they can read

564

00:22:18,880 --> 00:22:16,910

other people so if if we're talking

565

00:22:20,260 --> 00:22:18,890

about feminine and intuition in those

566

00:22:23,320 --> 00:22:20,270

social skills than that's absolutely

567

00:22:25,240 --> 00:22:23,330

true I found this book enjoyable not

568

00:22:27,580 --> 00:22:25,250

only because of the pop cultural

569

00:22:31,210 --> 00:22:27,590

references that were integrated with the

570

00:22:33,880 --> 00:22:31,220

science but the investigations of the

571

00:22:36,790 --> 00:22:33,890

influences upon the brain of cases like

572

00:22:39,430 --> 00:22:36,800

dementia and Capgras syndrome which was

573

00:22:40,840 --> 00:22:39,440

one I'd never heard of before yeah so

574

00:22:42,640 --> 00:22:40,850

the cup cross syndrome and these

575

00:22:44,290 --> 00:22:42,650

dissociation syndromes I think are

576

00:22:48,310 --> 00:22:44,300

fascinating they're very thankfully very

577

00:22:50,630 --> 00:22:48,320

rare because they're quite bizarre this

578

00:22:53,690 --> 00:22:50,640

is a situation where people lose

579

00:22:56,950 --> 00:22:53,700

touch with reality literally they think

580

00:23:00,800 --> 00:22:56,960

that reality is either a fabrication

581

00:23:02,510 --> 00:23:00,810

which is court heart syndrome they think

582

00:23:04,940 --> 00:23:02,520

that in fact they're dead and all their

583

00:23:06,920 --> 00:23:04,950

their living older conscious awareness

584

00:23:09,860 --> 00:23:06,930

is actually just a complete dream as it

585

00:23:11,390 --> 00:23:09,870

were or cut grass syndrome which is the

586

00:23:14,390 --> 00:23:11,400

case where someone believes that their

587

00:23:17,300 --> 00:23:14,400

spouse or significant other is in fact a

588

00:23:18,920 --> 00:23:17,310

replicant or a very sophisticated robot

589

00:23:19,970 --> 00:23:18,930

and what's going on there i think is

590

00:23:20,960 --> 00:23:19,980

very interesting i think what's

591

00:23:22,820 --> 00:23:20,970

happening is you're getting a

592

00:23:26,090 --> 00:23:22,830

dissociation or disconnection between

593

00:23:27,680 --> 00:23:26,100

the object recognition or person

594

00:23:29,630 --> 00:23:27,690

recognition system of the brain you know

595

00:23:32,540 --> 00:23:29,640

how we recognize someone visually and

596

00:23:34,850 --> 00:23:32,550

the emotional tagging system that warm

597

00:23:37,160 --> 00:23:34,860

fuzzy feeling that we get when we see

598

00:23:38,540 --> 00:23:37,170

our spouse and so what happens in cut

599

00:23:39,890 --> 00:23:38,550

grass syndrome is that these are

600

00:23:42,200 --> 00:23:39,900

disconnected so the person will

601
00:23:44,360 --> 00:23:42,210
recognize that this other person looks

602
00:23:46,190 --> 00:23:44,370
like their wife or their husband but

603
00:23:48,800 --> 00:23:46,200
because they don't get the emotional tag

604
00:23:51,380 --> 00:23:48,810
or the emotional the flood of sensation

605
00:23:53,720 --> 00:23:51,390
of familiarity they think that this is

606
00:23:55,790 --> 00:23:53,730
just a very sophisticated replicant and

607
00:23:57,830 --> 00:23:55,800
in some situations has actually led to

608
00:24:00,620 --> 00:23:57,840
the person killing the the spouse

609
00:24:02,990 --> 00:24:00,630
because yeah I'd say I'd like to think

610
00:24:05,570 --> 00:24:03,000
it was an amusing sonari but in fact it

611
00:24:07,100 --> 00:24:05,580
does lead to some very fortunate

612
00:24:08,540 --> 00:24:07,110
circumstances and it has led to the

613
00:24:09,740 --> 00:24:08,550

deaths of people killing the other

614

00:24:14,480 --> 00:24:09,750

person because they assume that there

615

00:24:17,960 --> 00:24:14,490

there really are aliens and the issue of

616

00:24:19,790 --> 00:24:17,970

dementia and Alzheimer's this is a line

617

00:24:22,250 --> 00:24:19,800

of recent research which i think is

618

00:24:24,470 --> 00:24:22,260

absolutely fascinating and it's by work

619

00:24:26,480 --> 00:24:24,480

by Deb Kellerman over in Boston and

620

00:24:28,790 --> 00:24:26,490

Debra's like chicken Boston as well and

621

00:24:31,220 --> 00:24:28,800

they've shown that when you look at

622

00:24:32,990 --> 00:24:31,230

elderly patients before the onset of

623

00:24:35,570 --> 00:24:33,000

their dementia is so profound that they

624

00:24:38,240 --> 00:24:35,580

can no longer kind of answer correctly

625

00:24:40,130 --> 00:24:38,250

if you give them surveys or

626
00:24:43,610 --> 00:24:40,140
questionnaires of studies where you get

627
00:24:46,400 --> 00:24:43,620
them to reason about the the natural

628
00:24:49,640 --> 00:24:46,410
world if you like then they make very

629
00:24:50,780 --> 00:24:49,650
similar inferences to the way that seven

630
00:24:52,640 --> 00:24:50,790
year olds reason about the world in

631
00:24:55,760 --> 00:24:52,650
other words they incline towards to

632
00:24:57,770 --> 00:24:55,770
seeing creationist explanations for the

633
00:24:59,840 --> 00:24:57,780
world and geological purpose in other

634
00:25:03,140 --> 00:24:59,850
words seeing the world has been designed

635
00:25:04,460 --> 00:25:03,150
for for purpose whereas a Darwinian of

636
00:25:06,860 --> 00:25:04,470
course would say that there's no to

637
00:25:08,450 --> 00:25:06,870
as such it's just natural selection so

638
00:25:11,270 --> 00:25:08,460

what the the dimensional studies are

639

00:25:13,909 --> 00:25:11,280

showing us is that people become

640

00:25:15,620 --> 00:25:13,919

increasingly inclined to rely on their

641

00:25:17,779 --> 00:25:15,630

childhood reasoning mechanisms which

642

00:25:19,250 --> 00:25:17,789

have never entirely gone away and so

643

00:25:21,620 --> 00:25:19,260

this supports the general thesis in the

644

00:25:23,600 --> 00:25:21,630

book that I'm proposing mainly that you

645

00:25:24,770 --> 00:25:23,610

start off with this childlike way of

646

00:25:26,720 --> 00:25:24,780

reasoning about the world through

647

00:25:29,060 --> 00:25:26,730

intuitive processes and they stay with

648

00:25:31,850 --> 00:25:29,070

us and all that happens with education

649

00:25:34,370 --> 00:25:31,860

and experiences that we can learn more

650

00:25:36,649 --> 00:25:34,380

analytical or scientific concepts to

651
00:25:38,299 --> 00:25:36,659
sort of suppress or override these

652
00:25:40,299 --> 00:25:38,309
earlier editions but the early ones

653
00:25:43,399 --> 00:25:40,309
never entirely go away but can re-emerge

654
00:25:45,649 --> 00:25:43,409
as our analytical system becomes

655
00:25:49,490 --> 00:25:45,659
compromised through disease or dementia

656
00:25:51,860 --> 00:25:49,500
dementia in later years so is education

657
00:25:54,890 --> 00:25:51,870
the key to challenging these beliefs yes

658
00:25:57,770 --> 00:25:54,900
I think so and edits and it's an

659
00:26:00,529 --> 00:25:57,780
effortful process so for example just

660
00:26:03,799 --> 00:26:00,539
moving away from supernatural beliefs I

661
00:26:05,810 --> 00:26:03,809
work on my reasoning in physical

662
00:26:07,399 --> 00:26:05,820
reasoning about the object motion so I

663
00:26:09,740 --> 00:26:07,409

studied children how they think about

664

00:26:11,570 --> 00:26:09,750

the motion of objects as they move as

665

00:26:13,250 --> 00:26:11,580

they fall you know I studied gravatt how

666

00:26:16,580 --> 00:26:13,260

they reason about gravity are they

667

00:26:18,890 --> 00:26:16,590

reason about objects the heavier objects

668

00:26:21,320 --> 00:26:18,900

fall faster than lighter objects these

669

00:26:24,440 --> 00:26:21,330

are the sort of misconceptions that many

670

00:26:26,000 --> 00:26:24,450

adults still have so for example the

671

00:26:28,580 --> 00:26:26,010

power of the Leaning Tower of Pisa

672

00:26:30,440 --> 00:26:28,590

example Galileo's example if you have

673

00:26:32,210 --> 00:26:30,450

two cannon balls one weighs a hundred

674

00:26:34,100 --> 00:26:32,220

times the weight of the other people

675

00:26:35,840 --> 00:26:34,110

assume that it will fall much faster but

676
00:26:38,000 --> 00:26:35,850
of course it does and there is a slight

677
00:26:40,010 --> 00:26:38,010
difference through written through wind

678
00:26:42,049 --> 00:26:40,020
resistance but in fact the two generally

679
00:26:44,779 --> 00:26:42,059
hit the ground at the same time now if

680
00:26:46,970 --> 00:26:44,789
you ask the person in the street to make

681
00:26:48,590 --> 00:26:46,980
a prediction most people will say that

682
00:26:50,810 --> 00:26:48,600
the heavier ball falls much much faster

683
00:26:53,779 --> 00:26:50,820
now there's been an interesting study

684
00:26:56,690 --> 00:26:53,789
done by Kevin Dunbar I'm showing that if

685
00:26:58,070 --> 00:26:56,700
you put people in a scanner a brain

686
00:26:59,990 --> 00:26:58,080
scanner which can measure their brain

687
00:27:02,419 --> 00:27:00,000
activity whilst they're trying to

688
00:27:04,669 --> 00:27:02,429

unlearn this kind of intuitive

689

00:27:06,409 --> 00:27:04,679

misconception about object motions you

690

00:27:08,930 --> 00:27:06,419

can see that the frontal parts of the

691

00:27:11,720 --> 00:27:08,940

brain are firing away really active

692

00:27:13,430 --> 00:27:11,730

trying to suppress lower centers and

693

00:27:15,110 --> 00:27:13,440

this suggests that you're almost

694

00:27:17,539 --> 00:27:15,120

fighting against your intuition when

695

00:27:18,290 --> 00:27:17,549

you're acquiring new concepts so I think

696

00:27:21,590 --> 00:27:18,300

this is a

697

00:27:23,240 --> 00:27:21,600

dynamic interaction between systems of

698

00:27:25,640 --> 00:27:23,250

the brain which have these earlier

699

00:27:27,050 --> 00:27:25,650

representations about how things work

700

00:27:29,540 --> 00:27:27,060

through their intuitive processes and

701
00:27:32,030 --> 00:27:29,550
the second are the secondary system the

702
00:27:34,070 --> 00:27:32,040
analytical system which requires a lot

703
00:27:36,200 --> 00:27:34,080
of frontal lobe activation to suppress

704
00:27:38,780 --> 00:27:36,210
and inhibit the tendency to go with your

705
00:27:40,550 --> 00:27:38,790
gut reaction as it were so I think that

706
00:27:41,750 --> 00:27:40,560
these studies are very interesting

707
00:27:44,780 --> 00:27:41,760
because they suggest that there is a

708
00:27:47,780 --> 00:27:44,790
continual dynamic interaction between

709
00:27:50,420 --> 00:27:47,790
different modes of thinking and this

710
00:27:52,580 --> 00:27:50,430
would explain why when you put people

711
00:27:54,560 --> 00:27:52,590
under stressful situations where you

712
00:27:56,480 --> 00:27:54,570
compromise their ability to use their

713
00:27:58,640 --> 00:27:56,490

frontal lobes their executive functions

714

00:28:01,370 --> 00:27:58,650

they can start to revert back to

715

00:28:02,900 --> 00:28:01,380

intuitive processes so for example there

716

00:28:04,640 --> 00:28:02,910

was a study in science which is one of

717

00:28:07,340 --> 00:28:04,650

the leading journals are just last year

718

00:28:09,110 --> 00:28:07,350

by Whitson Galinski showing that if you

719

00:28:11,390 --> 00:28:09,120

put people in this situation where they

720

00:28:13,790 --> 00:28:11,400

feel loss of control then they start to

721

00:28:16,070 --> 00:28:13,800

endorse superstitions and supernatural

722

00:28:17,600 --> 00:28:16,080

beliefs and again getting back to this

723

00:28:21,200 --> 00:28:17,610

ish issue of of seeing the big picture

724

00:28:23,990 --> 00:28:21,210

they also detect patterns and pictures

725

00:28:25,580 --> 00:28:24,000

amongst random noise so it's all part of

726

00:28:27,320 --> 00:28:25,590

the same sort of process an event i

727

00:28:29,570 --> 00:28:27,330

think there's this inclination to seeing

728

00:28:32,060 --> 00:28:29,580

connections where there may in fact be

729

00:28:34,600 --> 00:28:32,070

none and just just to throw in the last

730

00:28:37,090 --> 00:28:34,610

bit of evidence i also talked about the

731

00:28:39,860 --> 00:28:37,100

relationship between intuitive reasoning

732

00:28:42,400 --> 00:28:39,870

creativity and psychopathology in the

733

00:28:47,060 --> 00:28:42,410

case of mental illness because again

734

00:28:49,610 --> 00:28:47,070

before people become very impaired in

735

00:28:51,830 --> 00:28:49,620

schizophrenia if they have a high

736

00:28:54,590 --> 00:28:51,840

measure what's called schizotypy bayit

737

00:28:56,480 --> 00:28:54,600

to also see connections and they will

738

00:28:58,850 --> 00:28:56,490

detect patterns where in fact there may

739

00:29:01,700 --> 00:28:58,860

be none it's called apophenia and apathy

740

00:29:03,170 --> 00:29:01,710

nia is this sense that there are things

741

00:29:04,670 --> 00:29:03,180

there are significant events going on

742

00:29:06,560 --> 00:29:04,680

the world that really relate to them

743

00:29:08,750 --> 00:29:06,570

directly and this of course forms the

744

00:29:12,020 --> 00:29:08,760

basis of a lot of paranoid thoughts so

745

00:29:13,490 --> 00:29:12,030

this this is the extreme end of the

746

00:29:15,260 --> 00:29:13,500

super sense when it goes a little bit

747

00:29:16,790 --> 00:29:15,270

off key is that were when you start to

748

00:29:19,310 --> 00:29:16,800

kind of sense all sorts of things as

749

00:29:22,340 --> 00:29:19,320

being some sort of collusion or some

750

00:29:24,950 --> 00:29:22,350

sort of conspiracy but it's just part of

751
00:29:27,140 --> 00:29:24,960
the same continuum which it's stems from

752
00:29:28,670 --> 00:29:27,150
people's tendency to assume that there

753
00:29:30,290 --> 00:29:28,680
is structure and there are patterns and

754
00:29:31,850 --> 00:29:30,300
their energies operating in the universe

755
00:29:34,130 --> 00:29:31,860
finally super

756
00:29:36,650 --> 00:29:34,140
sense has been successfully launched in

757
00:29:40,669 --> 00:29:36,660
the US and it is now available in the UK

758
00:29:42,710 --> 00:29:40,679
I got my own copy online via amazon com

759
00:29:46,370 --> 00:29:42,720
when will it be released in australia

760
00:29:49,970 --> 00:29:46,380
well the the next big thing on the on

761
00:29:52,610 --> 00:29:49,980
the calendar is is may the ninth which

762
00:29:54,320 --> 00:29:52,620
is saturday it's coming outs featured in

763
00:29:56,810 --> 00:29:54,330

The Guardian in their weekend magazine

764

00:29:58,760 --> 00:29:56,820

and that marks the launch of the UK

765

00:30:01,520 --> 00:29:58,770

version and the UK version is slightly

766

00:30:03,770 --> 00:30:01,530

different to the American version at the

767

00:30:05,270 --> 00:30:03,780

end of the UK book there's a section for

768

00:30:07,940 --> 00:30:05,280

an additional section for readers to

769

00:30:10,909 --> 00:30:07,950

take some tests to see if they detect

770

00:30:13,100 --> 00:30:10,919

patterns amongst the the random noise

771

00:30:16,340 --> 00:30:13,110

see how they score on supernatural

772

00:30:18,770 --> 00:30:16,350

scores so it's a slightly different book

773

00:30:21,470 --> 00:30:18,780

it's coming on paperback and I'm doing a

774

00:30:24,049 --> 00:30:21,480

couple of BBC shows start the week

775

00:30:25,909 --> 00:30:24,059

there's a big cultural show at the

776

00:30:28,880 --> 00:30:25,919

beginning and that's been broadcast and

777

00:30:31,460 --> 00:30:28,890

on May the 25th and so yeah there's a

778

00:30:33,650 --> 00:30:31,470

big push for publicity in the UK and the

779

00:30:35,060 --> 00:30:33,660

publishers constable in Robinson who are

780

00:30:38,900 --> 00:30:35,070

publishing the UK have the rights to

781

00:30:41,630 --> 00:30:38,910

publish in Australia and with my last

782

00:30:43,190 --> 00:30:41,640

meeting with them there was talk about a

783

00:30:45,230 --> 00:30:43,200

coming out and straight in the next

784

00:30:47,440 --> 00:30:45,240

couple of months i'm hopeful that the UK

785

00:30:50,360 --> 00:30:47,450

launch works very well and person

786

00:30:52,730 --> 00:30:50,370

generates interest in doing in Australia

787

00:30:57,860 --> 00:30:52,740

as well thank you very much Bruce and

788

00:31:00,140 --> 00:30:57,870

people can head to wwm would calm to

789

00:31:08,950 --> 00:31:00,150

find out more about super sense you're

790

00:31:16,060 --> 00:31:14,150

just is in the arm yeah yep not true to

791

00:31:18,860 --> 00:31:16,070

my word listeners I've come here to the

792

00:31:20,890 --> 00:31:18,870

surgery of dr. Richard Gordon who's been

793

00:31:23,270 --> 00:31:20,900

a longtime member of Australian skippers

794

00:31:25,970 --> 00:31:23,280

general practitioner and i'm going to

795

00:31:29,060 --> 00:31:25,980

get my booster shot and i can see him

796

00:31:31,580 --> 00:31:29,070

over there busy preparing me the needle

797

00:31:34,670 --> 00:31:31,590

for the injection doesn't look very

798

00:31:36,350 --> 00:31:34,680

scary nice fresh little dress for you Oh

799

00:31:39,050 --> 00:31:36,360

a fresh sharp needle just for me how

800

00:31:42,130 --> 00:31:39,060

lucky am I I've rolled up my sleeve I

801
00:31:48,770 --> 00:31:42,140
might even get a jellybean after this

802
00:31:50,750 --> 00:31:48,780
possibly so this is what many people out

803
00:31:52,850 --> 00:31:50,760
there and the community should be doing

804
00:31:55,340 --> 00:31:52,860
yep and the government has attempted to

805
00:31:57,500 --> 00:31:55,350
has made this available particularly for

806
00:32:02,150 --> 00:31:57,510
people who are associated with children

807
00:32:04,280 --> 00:32:02,160
under four months of age so as to try to

808
00:32:07,940 --> 00:32:04,290
halt the spread of whooping cough that's

809
00:32:09,860 --> 00:32:07,950
it yep that's it's all over hardly felt

810
00:32:11,240 --> 00:32:09,870
a thing that's amazing exactly I

811
00:32:13,280 --> 00:32:11,250
remember in the old days when I was a

812
00:32:16,580 --> 00:32:13,290
little boy can i see very sharp one now

813
00:32:19,190 --> 00:32:16,590

what was shop now exactly what was in

814

00:32:22,460 --> 00:32:19,200

that danger that injection is blue

815

00:32:26,570 --> 00:32:22,470

strict sort of dtpa which is diphtheria

816

00:32:29,480 --> 00:32:26,580

tetanus and pertussis the a stands for a

817

00:32:31,100 --> 00:32:29,490

cellular so it's the new Tasos vaccine

818

00:32:33,710 --> 00:32:31,110

which is less likely to cause a reaction

819

00:32:37,460 --> 00:32:33,720

and they all cellular products whereas

820

00:32:40,160 --> 00:32:37,470

vaccine that's fantastic you as a GP do

821

00:32:42,320 --> 00:32:40,170

you get many parents coming to you I'm

822

00:32:45,170 --> 00:32:42,330

sure as to whether to vaccinate or not

823

00:32:47,810 --> 00:32:45,180

not many with this tends to be a fairly

824

00:32:49,880 --> 00:32:47,820

educated area yeah but we have the odd

825

00:32:52,550 --> 00:32:49,890

person we have a we're proud to say that

826

00:32:55,370 --> 00:32:52,560

our all out of all the children are

827

00:32:56,780 --> 00:32:55,380

registered with this practice in excess

828

00:32:59,450 --> 00:32:56,790

of ninety five percent of fully

829

00:33:00,530 --> 00:32:59,460

immunized and out of the other five

830

00:33:02,570 --> 00:33:00,540

percent they're usually

831

00:33:04,190 --> 00:33:02,580

people who've forgotten or need

832

00:33:07,640 --> 00:33:04,200

reminding and they eventually catch up

833

00:33:11,840 --> 00:33:07,650

where I've been one or two who who have

834

00:33:14,540 --> 00:33:11,850

had doubts who've been misled by by

835

00:33:17,120 --> 00:33:14,550

misinformation yeah from various places

836

00:33:20,330 --> 00:33:17,130

you had immunization and some people who

837

00:33:22,670 --> 00:33:20,340

are just ordinary Dalls I oh yeah but

838

00:33:24,170 --> 00:33:22,680

most of them you know by the vast

839

00:33:27,050 --> 00:33:24,180

majority had come into their

840

00:33:28,880 --> 00:33:27,060

vaccinations and very keen to do so well

841

00:33:30,560 --> 00:33:28,890

if especially I couldn't open the test

842

00:33:32,690 --> 00:33:30,570

to the needle Sheamus business e I

843

00:33:34,370 --> 00:33:32,700

hardly felt it all in fact if I was

844

00:33:35,690 --> 00:33:34,380

happen to be having asleep and you did

845

00:33:37,550 --> 00:33:35,700

that I wouldn't have even woken up

846

00:33:39,740 --> 00:33:37,560

that's like they used to vaccinate March

847

00:33:43,550 --> 00:33:39,750

or and Molly were asleep oh really yeah

848

00:33:45,740 --> 00:33:43,560

I never ever woke up well thank you very

849

00:33:47,660 --> 00:33:45,750

much dr. Gordon I feel fine I've a

850

00:33:50,120 --> 00:33:47,670

little band-aid and I look forward to my

851
00:33:52,730 --> 00:33:50,130
jelly bean absolutely what color would

852
00:33:56,210 --> 00:33:52,740
you like Richie ah it's just like oh wow

853
00:33:58,430 --> 00:33:56,220
oh thanks um it goes the first one that

854
00:34:15,180 --> 00:33:58,440
comes out of the lid purple purple thank

855
00:34:26,230 --> 00:34:17,970
let's all take this with a grain of salt

856
00:34:28,560 --> 00:34:26,240
he's around ticket hello this is a run

857
00:34:31,690 --> 00:34:28,570
segev taking life with a grain of salt

858
00:34:33,580 --> 00:34:31,700
george w bush had a proud reputation of

859
00:34:36,220 --> 00:34:33,590
sticking to his guns and not changing

860
00:34:38,830 --> 00:34:36,230
his mind when a change of course was

861
00:34:40,780 --> 00:34:38,840
required as often happens in life it was

862
00:34:43,149 --> 00:34:40,790
either ignored or accompanied by huge

863
00:34:44,770 --> 00:34:43,159

amounts of spin designed to show that it

864

00:34:46,840 --> 00:34:44,780

was not really a change of course at all

865

00:34:50,169 --> 00:34:46,850

but a subtle tweak or an obvious

866

00:34:51,940 --> 00:34:50,179

continuation of the previous course the

867

00:34:53,470 --> 00:34:51,950

rudd government announced last week that

868

00:34:55,090 --> 00:34:53,480

he was going back on its campaign

869

00:34:57,970 --> 00:34:55,100

promise of a working emissions trading

870

00:35:00,550 --> 00:34:57,980

scheme by 2010 mostly due to the

871

00:35:02,410 --> 00:35:00,560

downturn in the global economy the

872

00:35:04,150 --> 00:35:02,420

change has seen the government adopting

873

00:35:06,670 --> 00:35:04,160

a scheme which looks very much like it

874

00:35:08,410 --> 00:35:06,680

was penned by the opposition you would

875

00:35:10,810 --> 00:35:08,420

expect the opposition to be delighted

876

00:35:12,910 --> 00:35:10,820

with this change he turns out that they

877

00:35:14,710 --> 00:35:12,920

were but not for the reasons that would

878

00:35:17,530 --> 00:35:14,720

seem obvious to the politically naive

879

00:35:19,120 --> 00:35:17,540

onlooker they spent the next few days

880

00:35:20,890 --> 00:35:19,130

gleefully pronouncing that the

881

00:35:22,780 --> 00:35:20,900

government has black backflipped and

882

00:35:25,570 --> 00:35:22,790

threatening to block the change in the

883

00:35:27,720 --> 00:35:25,580

Senate I could probably spend the next

884

00:35:29,830 --> 00:35:27,730

hour giving examples of politicians

885

00:35:31,870 --> 00:35:29,840

treating a change of position as

886

00:35:34,060 --> 00:35:31,880

something to be ashamed of but I think

887

00:35:36,280 --> 00:35:34,070

the examples I gave red are sufficient

888

00:35:38,980 --> 00:35:36,290

to represent a political culture that is

889

00:35:40,750 --> 00:35:38,990

very common in Western democracies in a

890

00:35:42,490 --> 00:35:40,760

democracy parties need to differentiate

891

00:35:45,250 --> 00:35:42,500

themselves from other parties to create

892

00:35:47,440 --> 00:35:45,260

a political identity it is not at all

893

00:35:50,260 --> 00:35:47,450

surprising that parties advertising

894

00:35:52,150 --> 00:35:50,270

consultants and PR companies they do so

895

00:35:54,490 --> 00:35:52,160

because parties are as much as a brand

896

00:35:56,470 --> 00:35:54,500

as any major companies there will

897

00:35:58,290 --> 00:35:56,480

usually be some overarching ideological

898

00:36:00,610 --> 00:35:58,300

framework to positions on various topics

899

00:36:01,990 --> 00:36:00,620

so you could expect for example a

900

00:36:03,910 --> 00:36:02,000

Conservative Party to adopt

901
00:36:06,190 --> 00:36:03,920
traditionally conservative positions and

902
00:36:08,950 --> 00:36:06,200
a Liberal Party to adopt liberal

903
00:36:11,070 --> 00:36:08,960
positions but some topics are simply not

904
00:36:13,690 --> 00:36:11,080
easy to stick an ideological label on

905
00:36:15,220 --> 00:36:13,700
for example there is very little

906
00:36:16,990 --> 00:36:15,230
difference between the positions of the

907
00:36:18,109 --> 00:36:17,000
two major parties in Australia when it

908
00:36:20,749 --> 00:36:18,119
comes to education

909
00:36:22,609 --> 00:36:20,759
labour might provide less funding to

910
00:36:25,160 --> 00:36:22,619
private schools and the liberal-national

911
00:36:27,739 --> 00:36:25,170
coalition might demand a flagpole be

912
00:36:29,930 --> 00:36:27,749
erected in every school but by and large

913
00:36:32,749 --> 00:36:29,940

the differences are minor and often

914

00:36:34,599 --> 00:36:32,759

almost arbitrary when it is difficult to

915

00:36:37,249 --> 00:36:34,609

choose a position based on ideology

916

00:36:39,410 --> 00:36:37,259

parties would generally form one based

917

00:36:40,789 --> 00:36:39,420

on practical considerations which will

918

00:36:44,019 --> 00:36:40,799

often cause the other party or parties

919

00:36:46,460 --> 00:36:44,029

to choose Anna pop in opposing position

920

00:36:48,259 --> 00:36:46,470

reading the list of policies of the two

921

00:36:51,289 --> 00:36:48,269

major political parties in Australia

922

00:36:52,940 --> 00:36:51,299

from the 2007 elections it is obvious

923

00:36:55,009 --> 00:36:52,950

that the vast majority of policies are

924

00:36:57,349 --> 00:36:55,019

not based on ideology in any significant

925

00:36:58,970 --> 00:36:57,359

way you would expect that this would

926
00:37:00,829 --> 00:36:58,980
allow better cooperation between the

927
00:37:02,390 --> 00:37:00,839
parties and allow the more freedom to

928
00:37:05,420 --> 00:37:02,400
change policies based on changing

929
00:37:07,339 --> 00:37:05,430
conditions but that is not the case the

930
00:37:10,940 --> 00:37:07,349
reality is that political expedience

931
00:37:12,410 --> 00:37:10,950
Trump's logic almost every time one of

932
00:37:14,749 --> 00:37:12,420
the reasons for the success of the

933
00:37:16,400 --> 00:37:14,759
scientific endeavor is that scientists

934
00:37:18,519 --> 00:37:16,410
changed their views and opinions when

935
00:37:20,900 --> 00:37:18,529
evidence shows them to have been wrong

936
00:37:23,120 --> 00:37:20,910
scientists being human do not enjoy

937
00:37:24,950 --> 00:37:23,130
being wrong it is not rare for

938
00:37:26,239 --> 00:37:24,960

scientists to initially reject evidence

939

00:37:28,430 --> 00:37:26,249

that shows them to have been wrong in

940

00:37:30,109 --> 00:37:28,440

their conclusion but most scientists

941

00:37:32,349 --> 00:37:30,119

will eventually accept the evidence if

942

00:37:34,609 --> 00:37:32,359

it is solid enough more importantly

943

00:37:36,589 --> 00:37:34,619

science as a whole will accept even

944

00:37:38,569 --> 00:37:36,599

paradigm-shifting evidence if it is

945

00:37:39,799 --> 00:37:38,579

strong enough and regardless of the

946

00:37:42,950 --> 00:37:39,809

feeling of a science of a specific

947

00:37:45,470 --> 00:37:42,960

scientist and most importantly being

948

00:37:47,960 --> 00:37:45,480

wrong is not considered a failure every

949

00:37:49,329 --> 00:37:47,970

scientists no matter how successful can

950

00:37:51,170 --> 00:37:49,339

point to at least a few ideas

951
00:37:52,819 --> 00:37:51,180
experiments and articles that were

952
00:37:55,700 --> 00:37:52,829
thought to be correct but eventually

953
00:37:57,829 --> 00:37:55,710
shown to be wrong the approach of

954
00:38:00,289 --> 00:37:57,839
accepting errors learning from them and

955
00:38:03,200 --> 00:38:00,299
moving on allows scientific knowledge to

956
00:38:05,299 --> 00:38:03,210
grow since this is such an important

957
00:38:06,920 --> 00:38:05,309
part of science and since science is

958
00:38:09,200 --> 00:38:06,930
probably the most successful of human

959
00:38:12,200 --> 00:38:09,210
endeavors you would expect this approach

960
00:38:14,120 --> 00:38:12,210
to be adopted by other fields perhaps it

961
00:38:16,759 --> 00:38:14,130
has in some areas but it certainly

962
00:38:18,920 --> 00:38:16,769
hasn't in politics a politician who

963
00:38:20,690 --> 00:38:18,930

changes his or her mind is considered

964

00:38:23,509 --> 00:38:20,700

weak and could pay a heavy political

965

00:38:25,370 --> 00:38:23,519

price the opposite side is short to

966

00:38:27,559 --> 00:38:25,380

pounce and use the occasion to attack

967

00:38:30,079 --> 00:38:27,569

not just the new position but also the

968

00:38:31,069 --> 00:38:30,089

change of mind that underlying

969

00:38:32,779 --> 00:38:31,079

assumptions may

970

00:38:34,609 --> 00:38:32,789

changed or conditions might be different

971

00:38:37,519 --> 00:38:34,619

is a little consequence in the political

972

00:38:38,569 --> 00:38:37,529

game you have to be strong if you show

973

00:38:40,549 --> 00:38:38,579

conviction despite evidence

974

00:38:43,999 --> 00:38:40,559

contradicting your views you are showing

975

00:38:46,279 --> 00:38:44,009

leadership this culture obviously leads

976

00:38:48,559 --> 00:38:46,289

to some absurdities when a policy no

977

00:38:50,180 --> 00:38:48,569

longer no longer makes sense due to new

978

00:38:52,279 --> 00:38:50,190

information or a change of conditions

979

00:38:54,829 --> 00:38:52,289

but it is kept simply so that the

980

00:38:56,870 --> 00:38:54,839

politicians don't lose face wouldn't it

981

00:38:58,819 --> 00:38:56,880

be nice if politicians could stand on a

982

00:39:00,729 --> 00:38:58,829

podium and simply declare that the old

983

00:39:02,900 --> 00:39:00,739

policy has been rejected or changed

984

00:39:04,880 --> 00:39:02,910

explain the reasons for such a change

985

00:39:06,799 --> 00:39:04,890

and not be concerned that the change

986

00:39:09,380 --> 00:39:06,809

itself would supply ammunition to their

987

00:39:11,959 --> 00:39:09,390

opponents I think it is possible to

988

00:39:13,489 --> 00:39:11,969

change this culture the way to change it

989

00:39:15,920 --> 00:39:13,499

requires some courage and a willingness

990

00:39:18,079 --> 00:39:15,930

to take risks but political leaders can

991

00:39:20,049 --> 00:39:18,089

do it they need to start by making

992

00:39:22,069 --> 00:39:20,059

changes when they are necessary and

993

00:39:23,599 --> 00:39:22,079

announcing them without delay and

994

00:39:26,959 --> 00:39:23,609

without trying to hide the fact that

995

00:39:28,249 --> 00:39:26,969

change of mind has occurred then when

996

00:39:30,199 --> 00:39:28,259

they are mocked for being weak in

997

00:39:31,940 --> 00:39:30,209

changing their minds they could be

998

00:39:33,829 --> 00:39:31,950

taught by asking whether the Honorable

999

00:39:35,359 --> 00:39:33,839

member opposite thinks that it is

1000

00:39:38,150 --> 00:39:35,369

prudent to maintain one's position

1001

00:39:40,279 --> 00:39:38,160

despite changing circumstances they

1002

00:39:42,949 --> 00:39:40,289

could then go on to give an example of

1003

00:39:44,689 --> 00:39:42,959

where it would be absurd to do so they

1004

00:39:46,670 --> 00:39:44,699

could use the success of science to show

1005

00:39:49,549 --> 00:39:46,680

how following evidence and rejecting all

1006

00:39:51,739 --> 00:39:49,559

truisms leads to progress if this

1007

00:39:53,779 --> 00:39:51,749

process happened often enough and if

1008

00:39:55,640 --> 00:39:53,789

politicians use their sharp tongues to

1009

00:39:58,069 --> 00:39:55,650

mock their opponents for not realizing

1010

00:40:00,229 --> 00:39:58,079

the change of opinion is a positive the

1011

00:40:19,760 --> 00:40:00,239

public perception could change and the

1012

00:40:27,030 --> 00:40:24,750

so we found another one here to the

1013

00:40:32,780 --> 00:40:27,040

memory of mary elizabeth first child of

1014

00:40:37,200 --> 00:40:32,790

robert and marcia marcia to dl sooth

1015

00:40:39,750 --> 00:40:37,210

1851 died 15 months and one way and one

1016

00:40:41,849 --> 00:40:39,760

day oh yes there was it's the stone is a

1017

00:40:43,740 --> 00:40:41,859

bit worn we're actually in the cemetery

1018

00:40:46,109 --> 00:40:43,750

here in Newtown in Sydney it's a very

1019

00:40:48,030 --> 00:40:46,119

old cemetery it's not used anymore I

1020

00:40:52,530 --> 00:40:48,040

don't think and it's sort of like the

1021

00:40:54,660 --> 00:40:52,540

classic overgrown headstone type Warren

1022

00:40:57,570 --> 00:40:54,670

cemetery isn't it Rachel yeah with a lot

1023

00:40:59,670 --> 00:40:57,580

of broken headstones and unreadable

1024

00:41:01,410 --> 00:40:59,680

headstones because they're so ancient so

1025

00:41:04,109 --> 00:41:01,420

what we have discovered just walking

1026

00:41:07,109 --> 00:41:04,119

around here how many of them belong to

1027

00:41:09,780 --> 00:41:07,119

children two more in this one this is 9

1028

00:41:12,770 --> 00:41:09,790

18 months in three days and area all

1029

00:41:15,690 --> 00:41:12,780

citizens died 30th of June same here

1030

00:41:18,329 --> 00:41:15,700

over here 18 months over here and across

1031

00:41:20,359 --> 00:41:18,339

the other side of the where we were just

1032

00:41:23,280 --> 00:41:20,369

near the fence there were lots of

1033

00:41:25,589 --> 00:41:23,290

children lots of children here and this

1034

00:41:28,230 --> 00:41:25,599

is all sort of eighteen eighteen

1035

00:41:30,030 --> 00:41:28,240

hundreds yeah fifty year and then 54 on

1036

00:41:31,620 --> 00:41:30,040

this one here I'm sure if we walk around

1037

00:41:35,849 --> 00:41:31,630

here and there are hundreds and hundreds

1038

00:41:38,130 --> 00:41:35,859

of them headstones although it's a very

1039

00:41:41,770 --> 00:41:38,140

nice setting on I say it looks it takes

1040

00:41:45,710 --> 00:41:44,450

no yet mistake a couple of mummy you

1041

00:41:51,440 --> 00:41:45,720

don't find too many there's one over

1042

00:41:54,290 --> 00:41:51,450

there janji church died ere 1901 age 71

1043

00:41:56,600 --> 00:41:54,300

years oh that's William Saunders William

1044

00:42:00,920 --> 00:41:56,610

Saunders look William Saunders died on

1045

00:42:05,350 --> 00:42:00,930

the 7th of Olga caged we can't 30 years

1046

00:42:09,020 --> 00:42:05,360

it's all one I can't read what it says

1047

00:42:11,180 --> 00:42:09,030

is that the same as the Richard Saunders

1048

00:42:12,770 --> 00:42:11,190

who got deported from England for

1049

00:42:18,140 --> 00:42:12,780

stealing a chicken oh you have to say

1050

00:42:20,450 --> 00:42:18,150

that you had you had to say that that

1051
00:42:22,730 --> 00:42:20,460
wasn't me folks it was one of my distant

1052
00:42:24,200 --> 00:42:22,740
ancestors was deported from England in

1053
00:42:26,560 --> 00:42:24,210
the days when they used to shove the

1054
00:42:31,220 --> 00:42:26,570
convicts out here for stealing a chicken

1055
00:42:33,680 --> 00:42:31,230
Rachel won't let me forget it really how

1056
00:42:38,510 --> 00:42:33,690
yet rush aged nine months four days

1057
00:42:41,180 --> 00:42:38,520
Rachel rush oh yeah dido less than five

1058
00:42:43,700 --> 00:42:41,190
months Alvin Ernest rush for months and

1059
00:42:45,770 --> 00:42:43,710
four days after Henry rush age three

1060
00:42:48,320 --> 00:42:45,780
weeks three weeks cloth and Charles rush

1061
00:42:50,180 --> 00:42:48,330
I can't we have down further which just

1062
00:42:53,630 --> 00:42:50,190
reinforces to us because we've been

1063
00:42:55,760 --> 00:42:53,640

thinking about all this these people who

1064

00:43:00,320 --> 00:42:55,770

wish to bring back the glorious days of

1065

00:43:02,000 --> 00:43:00,330

anti-vaccination lack of vaccination but

1066

00:43:03,650 --> 00:43:02,010

they should come and visit this

1067

00:43:05,720 --> 00:43:03,660

graveyard and have a look to see what

1068

00:43:07,220 --> 00:43:05,730

the consequences of that would be the

1069

00:43:08,780 --> 00:43:07,230

hope your mother was known in those days

1070

00:43:10,880 --> 00:43:08,790

it's two of it years old her geography

1071

00:43:13,310 --> 00:43:10,890

oh yeah there's a strong 100 years ago

1072

00:43:16,070 --> 00:43:13,320

as it is now well why didn't work then I

1073

00:43:18,350 --> 00:43:16,080

wonder it's interesting also to note

1074

00:43:20,660 --> 00:43:18,360

Richards that a lot of the adults that

1075

00:43:23,570 --> 00:43:20,670

has passed here quite a lot of them are

1076

00:43:25,040 --> 00:43:23,580

sort of late 30s early 40s yes there are

1077

00:43:27,500 --> 00:43:25,050

not many that are in the sixth seasons

1078

00:43:29,690 --> 00:43:27,510

not many at all not very life the life

1079

00:43:31,430 --> 00:43:29,700

span of people back in the 1800s was

1080

00:43:35,210 --> 00:43:31,440

much less than is today and I wonder

1081

00:43:39,860 --> 00:43:35,220

what that we can tribute that to modern

1082

00:43:41,210 --> 00:43:39,870

medicine to had perhaps perhaps now I'm

1083

00:43:42,890 --> 00:43:41,220

surprised to see how many of these

1084

00:43:44,690 --> 00:43:42,900

gravestones are common ones like there's

1085

00:43:46,850 --> 00:43:44,700

a whole family of little kids four or

1086

00:43:48,860 --> 00:43:46,860

five is the father there the child aged

1087

00:43:50,570 --> 00:43:48,870

three months was be able to be buried

1088

00:43:52,849 --> 00:43:50,580

here first the father died later yeah

1089

00:43:57,499 --> 00:43:52,859

obviously then James another son aged

1090

00:43:59,660 --> 00:43:57,509

years baby the same place kids under the

1091

00:44:06,760 --> 00:43:59,670

age of five there's an awful lot of kids

1092

00:44:15,160 --> 00:44:08,680

it's a pity we can't actually make out

1093

00:44:18,480 --> 00:44:15,170

some of them as the airline goes

1094

00:44:29,820 --> 00:44:22,770

what's that one februari 1867 died 25th

1095

00:44:33,810 --> 00:44:29,830

November 867 so less than 12 months so

1096

00:44:35,490 --> 00:44:33,820

there you go so if you think that you'd

1097

00:44:38,810 --> 00:44:35,500

like to live in the glorious days of

1098

00:44:42,330 --> 00:44:38,820

natural living with no need for

1099

00:44:45,090 --> 00:44:42,340

immunization and modern medicine just

1100

00:44:48,420 --> 00:44:45,100

living off what nature intended come to

1101

00:44:49,980 --> 00:44:48,430

new town cemetery and then tell me about

1102

00:44:52,350 --> 00:44:49,990

it don't forget Richard one of the other

1103

00:44:54,630 --> 00:44:52,360

things that these people claim that has

1104

00:44:56,520 --> 00:44:54,640

changed since these times that we're

1105

00:45:00,720 --> 00:44:56,530

looking at here is that we now have

1106

00:45:02,880 --> 00:45:00,730

better sanitation and better hygiene but

1107

00:45:06,390 --> 00:45:02,890

whilst that is true I hardly think that

1108

00:45:09,030 --> 00:45:06,400

can be attributed to the doubling and

1109

00:45:15,090 --> 00:45:09,040

the age expectancy roughly of people and

1110

00:45:17,820 --> 00:45:15,100

the dramatic almost unbelievable cut in

1111

00:45:19,620 --> 00:45:17,830

the rate of infant mortality we have now

1112

00:45:21,540 --> 00:45:19,630

in our society compared to what these

1113

00:45:24,060 --> 00:45:21,550

people would have lived or died with I

1114

00:45:27,120 --> 00:45:24,070

mean these were the days when things

1115

00:45:31,920 --> 00:45:27,130

like tuberculosis was around more pox

1116

00:45:34,230 --> 00:45:31,930

small parks Shore flu flu pandemics the

1117

00:45:36,480 --> 00:45:34,240

kid next to me in primary school died at

1118

00:45:37,740 --> 00:45:36,490

the age of seven when I was seven

1119

00:45:40,349 --> 00:45:37,750

wickedest we dropped dead of

1120

00:45:44,730 --> 00:45:40,359

tuberculosis really yep there I went to

1121

00:45:46,710 --> 00:45:44,740

my morning and it was empty so that was

1122

00:45:49,290 --> 00:45:46,720

the end of a theory on this as well he

1123

00:45:51,120 --> 00:45:49,300

was but these are also the times when

1124

00:45:52,770 --> 00:45:51,130

people would have lots and lots of kids

1125

00:45:55,020 --> 00:45:52,780

because I expected that some of them

1126

00:45:56,550 --> 00:45:55,030

would make it well they'd have a kid

1127

00:46:00,540 --> 00:45:56,560

that were dying that and then one

1128

00:46:01,859 --> 00:46:00,550

nothing I guess to be blunt I mean that

1129

00:46:03,240 --> 00:46:01,869

you can see it on the headstones here

1130

00:46:05,609 --> 00:46:03,250

though I'm sort of through some of them

1131

00:46:07,650 --> 00:46:05,619

four or five pictures yes family is that

1132

00:46:09,210 --> 00:46:07,660

must have died under the age of one and

1133

00:46:15,620 --> 00:46:09,220

them must have been pretty pretty happy

1134

00:46:17,970 --> 00:46:15,630

just waiting yeah anyway perhaps some

1135

00:46:19,470 --> 00:46:17,980

Merrill might like Mel dory might like

1136

00:46:21,180 --> 00:46:19,480

to come and visit the cemetery at any

1137

00:46:24,829 --> 00:46:21,190

time maybe she can reflect a little

1138

00:46:33,309 --> 00:46:24,839

maybe she'll death here

1139

00:46:37,819 --> 00:46:35,509

if you're looking for research on

1140

00:46:40,039 --> 00:46:37,829

skepticism and women gender issues the

1141

00:46:44,390 --> 00:46:40,049

facts about superstition education and

1142

00:46:46,789 --> 00:46:44,400

the wonder of science head to www.com

1143

00:46:49,069 --> 00:46:46,799

the site of pot black cat it's been

1144

00:46:51,079 --> 00:46:49,079

described by dr. ben goldacre as a blog

1145

00:46:55,059 --> 00:46:51,089

that wins on timeliness accuracy

1146

00:47:13,640 --> 00:46:55,069

relevance and well rather silly names

1147

00:47:16,609 --> 00:47:13,650

www.dcom and what do you think join us

1148

00:47:25,450 --> 00:47:16,619

now for drinking skeptically in the

1149

00:47:30,230 --> 00:47:28,010

and it's a bumper think tank tonight

1150

00:47:32,960 --> 00:47:30,240

everybody we have a room full of people

1151

00:47:34,340 --> 00:47:32,970

you people in the back just so I try and

1152

00:47:36,440 --> 00:47:34,350

sit down over there it's all right you

1153

00:47:38,630 --> 00:47:36,450

can come up later the microphone Lee let

1154

00:47:40,160 --> 00:47:38,640

me introduce the regulars of the semi

1155

00:47:43,280 --> 00:47:40,170

regulars of the people you know and love

1156

00:47:45,230 --> 00:47:43,290

we have dr. rachey hello dr. HS hi

1157

00:47:46,610 --> 00:47:45,240

Richard thank you for coming along to

1158

00:47:48,170 --> 00:47:46,620

the thing thing tonight can you hear me

1159

00:47:49,580 --> 00:47:48,180

over all the noise of all the people in

1160

00:47:52,700 --> 00:47:49,590

the background I can show you other

1161

00:47:55,280 --> 00:47:52,710

people about that because and we have we

1162

00:47:57,200 --> 00:47:55,290

have Ian gray in other hello good to see

1163

00:47:58,700 --> 00:47:57,210

you back again and of course what would

1164

00:48:01,130 --> 00:47:58,710

the think tank be occasionally without

1165

00:48:02,810 --> 00:48:01,140

Dave the happy singer hi Laura cello and

1166

00:48:05,090 --> 00:48:02,820

we have a special guest up from

1167

00:48:07,430 --> 00:48:05,100

Melbourne their own skeptics UFO expert

1168

00:48:10,400 --> 00:48:07,440

he must have come on a UFO Steve Roberts

1169

00:48:12,290 --> 00:48:10,410

hello Richard hello Steve in fact I was

1170

00:48:14,150 --> 00:48:12,300

just commenting before that of all the

1171

00:48:15,800 --> 00:48:14,160

episodes of the skeptic zone the one

1172

00:48:18,380 --> 00:48:15,810

that has the most downloads is the one

1173

00:48:22,760 --> 00:48:18,390

where you discuss UFOs the space areas

1174

00:48:24,050 --> 00:48:22,770

like that one best and we have another

1175

00:48:25,940 --> 00:48:24,060

we have two other people who've come

1176

00:48:28,430 --> 00:48:25,950

along to join us note we have Jason

1177

00:48:30,140 --> 00:48:28,440

hello Jason I Richard are you going I'm

1178

00:48:32,690 --> 00:48:30,150

going alright how are you fine what's

1179

00:48:35,920 --> 00:48:32,700

your remind us again what's your twitter

1180

00:48:38,420 --> 00:48:35,930

name my twitter name is a drunken madmen

1181

00:48:40,730 --> 00:48:38,430

drunken madness let's say professor

1182

00:48:42,650 --> 00:48:40,740

layton i see you've got two beers in

1183

00:48:45,860 --> 00:48:42,660

front of you through it one of them

1184

00:48:52,600 --> 00:48:45,870

stolen and james breedings the citation

1185

00:48:57,800 --> 00:48:56,060

pastor without without the man at

1186

00:48:59,360 --> 00:48:57,810

the end it's great that you could all

1187

00:49:01,700 --> 00:48:59,370

come along tonight for the think tank

1188

00:49:04,490 --> 00:49:01,710

now I do it I'm going to start off

1189

00:49:07,120 --> 00:49:04,500

straight away the question that was

1190

00:49:10,700 --> 00:49:07,130

written in by one of our listeners Dave

1191

00:49:13,130 --> 00:49:10,710

but Dave not you don't me Oh another day

1192

00:49:14,870 --> 00:49:13,140

there are others that are others he's

1193

00:49:17,900 --> 00:49:14,880

wanting to know and he's asking our

1194

00:49:19,390 --> 00:49:17,910

advice what can he say if he's walking

1195

00:49:22,090 --> 00:49:19,400

along the street he's confronted by

1196

00:49:24,230 --> 00:49:22,100

fanatics religious fanatics who say

1197

00:49:26,720 --> 00:49:24,240

whatever the particular religion is

1198

00:49:28,490 --> 00:49:26,730

usually Christianity Jesus will come in

1199

00:49:30,920 --> 00:49:28,500

his fiery chariot and save you and

1200

00:49:35,090 --> 00:49:30,930

Madame he wants and he was after

1201
00:49:36,590 --> 00:49:35,100
something short and quick and easy to

1202
00:49:39,650 --> 00:49:36,600
say back to them

1203
00:49:41,960 --> 00:49:39,660
and I am trying to think of something

1204
00:49:43,760 --> 00:49:41,970
and I don't know if there really is

1205
00:49:45,530 --> 00:49:43,770
something you can throw back at them

1206
00:49:47,030 --> 00:49:45,540
that would could possibly stump them or

1207
00:49:49,490 --> 00:49:47,040
make them think I don't think it works

1208
00:49:50,960 --> 00:49:49,500
that way there's a lot of thinking

1209
00:49:52,730 --> 00:49:50,970
around the table round you know people

1210
00:49:54,380 --> 00:49:52,740
bang on my door I try to say I'm an

1211
00:49:56,030 --> 00:49:54,390
atheist and they they wouldn't accept

1212
00:49:57,980 --> 00:49:56,040
that you know anything wouldn't go away

1213
00:50:00,320 --> 00:49:57,990

they had questions ready for atheists

1214

00:50:03,140 --> 00:50:00,330

yeah I've had episodes they look just

1215

00:50:04,460 --> 00:50:03,150

bigger off they used I used to be able

1216

00:50:06,050 --> 00:50:04,470

to get rid of them by saying I'm an

1217

00:50:07,460 --> 00:50:06,060

atheist and a scientist and then they

1218

00:50:09,530 --> 00:50:07,470

just back away with their hands in the

1219

00:50:11,390 --> 00:50:09,540

air but now they've got literature on

1220

00:50:14,630 --> 00:50:11,400

how to convince scientists who are

1221

00:50:16,880 --> 00:50:14,640

atheists seriously it's all your fortune

1222

00:50:18,470 --> 00:50:16,890

is carefully saying how you can also

1223

00:50:20,480 --> 00:50:18,480

believe in God if you're a scientist

1224

00:50:23,240 --> 00:50:20,490

they have it did it work of course not

1225

00:50:25,090 --> 00:50:23,250

but they kept coming back and I think it

1226

00:50:28,790 --> 00:50:25,100

was you Dave that pointed out to me that

1227

00:50:30,830 --> 00:50:28,800

um my mistake was the first time I took

1228

00:50:32,390 --> 00:50:30,840

their literature and somebody told me

1229

00:50:35,630 --> 00:50:32,400

that they then put you on their list and

1230

00:50:36,980 --> 00:50:35,640

they just keep coming back yeah I quite

1231

00:50:38,330 --> 00:50:36,990

like that you know there's this free

1232

00:50:39,560 --> 00:50:38,340

phone number you can ring up give you

1233

00:50:42,680 --> 00:50:39,570

address and they'll bring around our

1234

00:50:43,820 --> 00:50:42,690

DVDs in person never allows I love it

1235

00:50:45,350 --> 00:50:43,830

they can come in that can have a cup of

1236

00:50:47,360 --> 00:50:45,360

tea you see you know unlike you

1237

00:50:48,800 --> 00:50:47,370

correspondent I like to I like to

1238

00:50:51,170 --> 00:50:48,810

actually talk to them and I and have

1239

00:50:52,520 --> 00:50:51,180

some fun with them YUM and it's if that

1240

00:50:54,920 --> 00:50:52,530

if they're just shouting and screaming

1241

00:50:56,300 --> 00:50:54,930

out then you know sometimes it's

1242

00:50:59,120 --> 00:50:56,310

difficult to get an in sometimes you

1243

00:51:00,440 --> 00:50:59,130

just gotta shout back but if they're

1244

00:51:02,270 --> 00:51:00,450

going to come up and ask you after you

1245

00:51:04,040 --> 00:51:02,280

ask you questions I mean then then you

1246

00:51:05,810 --> 00:51:04,050

just get into the kind of the general

1247

00:51:11,000 --> 00:51:05,820

thing of engaging with the I've done

1248

00:51:12,800 --> 00:51:11,010

this with mormons yes Baumann's are a

1249

00:51:14,720 --> 00:51:12,810

couple of Mormon missionaries near the

1250

00:51:17,900 --> 00:51:14,730

elder who's like 14 or whatever it is

1251
00:51:20,120 --> 00:51:17,910
and it took half an hour and at the end

1252
00:51:21,650 --> 00:51:20,130
of it there's no put down a line which

1253
00:51:24,530 --> 00:51:21,660
makes them go away and think it doesn't

1254
00:51:25,850 --> 00:51:24,540
work that way i don't think oh I don't

1255
00:51:27,350 --> 00:51:25,860
you were you certainly not going to d

1256
00:51:30,260 --> 00:51:27,360
convert them know you have a lot of a

1257
00:51:31,970 --> 00:51:30,270
lot of fun and stretchy stretchy

1258
00:51:33,620 --> 00:51:31,980
debating skills I don't spread it spread

1259
00:51:35,870 --> 00:51:33,630
your wings I agree you're so inclined

1260
00:51:37,850 --> 00:51:35,880
you learn a lot from that yeah yeah

1261
00:51:41,780 --> 00:51:37,860
totally and then great learning

1262
00:51:44,970 --> 00:51:41,790
experience can't answer off the spot and

1263
00:51:46,980 --> 00:51:44,980

you've got a chance to to go away and

1264

00:51:49,320 --> 00:51:46,990

discover more about yourself in your own

1265

00:51:51,930 --> 00:51:49,330

religion and it's a good thing there's a

1266

00:51:54,150 --> 00:51:51,940

great website called I am chariots dog I

1267

00:51:56,760 --> 00:51:54,160

in cherry I am Jerry up she hasn't

1268

00:52:00,810 --> 00:51:56,770

chariots made of iron yeah which is run

1269

00:52:04,109 --> 00:52:00,820

by the Atheist community of Austin and

1270

00:52:06,180 --> 00:52:04,119

it's a counter apologetics wiki so it's

1271

00:52:08,099 --> 00:52:06,190

a wiki based software and it's got you

1272

00:52:10,349 --> 00:52:08,109

know common arguments in favor of the

1273

00:52:12,060 --> 00:52:10,359

existence of God and you know lots of

1274

00:52:13,830 --> 00:52:12,070

the sort of thing that comes up when

1275

00:52:16,470 --> 00:52:13,840

you're talking to so I guess I guess

1276

00:52:17,940 --> 00:52:16,480

dave who wrote in to us there is no easy

1277

00:52:21,810 --> 00:52:17,950

and there is there is what you just say

1278

00:52:24,510 --> 00:52:21,820

thanks I've already got one what you

1279

00:52:26,099 --> 00:52:24,520

made a god there's no answer to that I'd

1280

00:52:29,580 --> 00:52:26,109

share my usual response but this is a

1281

00:52:31,470 --> 00:52:29,590

family-friendly show you it is it's a PG

1282

00:52:32,700 --> 00:52:31,480

rated show it's a be gr8 I like the

1283

00:52:35,640 --> 00:52:32,710

pseudo-scientists we don't have an

1284

00:52:37,590 --> 00:52:35,650

explicit tag on it that Jack Scanlon he

1285

00:52:39,780 --> 00:52:37,600

swears like his grandmother really have

1286

00:52:41,760 --> 00:52:39,790

you told his mom he told Jack's mother I

1287

00:52:46,140 --> 00:52:41,770

haven't told you know Jamie Thomas

1288

00:52:48,210 --> 00:52:46,150

Crapper rejects Graham a big shout-out

1289

00:52:52,770 --> 00:52:48,220

to the young Australian skeptics of

1290

00:52:55,170 --> 00:52:52,780

course and what and we're seeing in a

1291

00:52:58,170 --> 00:52:55,180

couple of weeks yeah Rachel myself Dave

1292

00:53:01,410 --> 00:52:58,180

the happy singer um I'm you're

1293

00:53:04,320 --> 00:53:01,420

excellent and Who am I get there

1294

00:53:06,720 --> 00:53:04,330

early you literally load already clear

1295

00:53:08,190 --> 00:53:06,730

hurry yes I'm not far ahead I must dig

1296

00:53:09,750 --> 00:53:08,200

up jacket is in year 12 now she just

1297

00:53:11,790 --> 00:53:09,760

down the road from where I live so I'm

1298

00:53:13,770 --> 00:53:11,800

assuming messages they will if you have

1299

00:53:15,900 --> 00:53:13,780

transport I can come and see you yeah

1300

00:53:19,950 --> 00:53:15,910

what Jack show you I'll shut your token

1301
00:53:34,710 --> 00:53:19,960
code or something he's talking Jack

1302
00:53:37,260 --> 00:53:34,720
Scanlon no I will 17 but we digress

1303
00:53:38,790 --> 00:53:37,270
because as our listeners will probably

1304
00:53:40,380 --> 00:53:38,800
already know a rachel and i will be

1305
00:53:42,570 --> 00:53:40,390
giving some talks and dave the happy

1306
00:53:44,520 --> 00:53:42,580
singer will be singing in elburn at the

1307
00:53:48,570 --> 00:53:44,530
end of the month check out skeptics and

1308
00:53:52,080 --> 00:53:48,580
on TV or the young ask pasta sauce q

1309
00:53:56,550 --> 00:53:52,090
haces aus aus skeptics calm for more

1310
00:53:58,440 --> 00:53:56,560
details now oh why I'm shouting out and

1311
00:53:59,140 --> 00:53:58,450
doing things like that showed up to a

1312
00:54:01,150 --> 00:53:59,150
listen

1313
00:54:02,710 --> 00:54:01,160

we have called Ben Hadfield who wrote in

1314

00:54:04,900 --> 00:54:02,720

to me thank you been I really appreciate

1315

00:54:07,150 --> 00:54:04,910

your comments very kind of you we're

1316

00:54:10,270 --> 00:54:07,160

doing shoutouts can I do a shower yes oh

1317

00:54:12,040 --> 00:54:10,280

just sit like that nanner um I want to

1318

00:54:14,680 --> 00:54:12,050

give a shout out to Scott from toronto

1319

00:54:16,450 --> 00:54:14,690

now Scott is a pharmacist in Toronto and

1320

00:54:20,860 --> 00:54:16,460

he writes a really great blog called

1321

00:54:23,860 --> 00:54:20,870

science-based pharmacy and in fact I was

1322

00:54:25,840 --> 00:54:23,870

i referred to him on the SGU interview i

1323

00:54:29,010 --> 00:54:25,850

did last week that was Tommy you on SGU

1324

00:54:31,150 --> 00:54:29,020

Rachel I'm sorry did I not mention that

1325

00:54:34,360 --> 00:54:31,160

well that's GU I've never heard of him

1326

00:54:35,860 --> 00:54:34,370

really yes this is little podcast you

1327

00:54:37,210 --> 00:54:35,870

probably haven't heard of it hasn't been

1328

00:54:39,970 --> 00:54:37,220

around for more than around four years

1329

00:54:41,350 --> 00:54:39,980

or something yeah that was a good

1330

00:54:42,970 --> 00:54:41,360

interviewer a chat that I enjoy that

1331

00:54:45,220 --> 00:54:42,980

thoroughly well thanks no it was good

1332

00:54:47,320 --> 00:54:45,230

thanks to Steve for inviting me on the

1333

00:54:49,180 --> 00:54:47,330

show but on in that interview I

1334

00:54:52,690 --> 00:54:49,190

mentioned a friend of mine from Toronto

1335

00:54:56,440 --> 00:54:52,700

who told me that he candles are for sale

1336

00:54:58,960 --> 00:54:56,450

in canada and i said i'd mentioned his

1337

00:55:00,940 --> 00:54:58,970

name so it's scott and he's from toronto

1338

00:55:03,550 --> 00:55:00,950

and his website again science-based

1339

00:55:05,260 --> 00:55:03,560

pharmacy good website really good

1340

00:55:07,930 --> 00:55:05,270

website and he's on twitter too yeah

1341

00:55:09,280 --> 00:55:07,940

yeah he is pharmacist got on twitter or

1342

00:55:11,320 --> 00:55:09,290

maybe i shouldn't say that he might not

1343

00:55:14,980 --> 00:55:11,330

want people following her who doesn't

1344

00:55:17,200 --> 00:55:14,990

want done with the games for ya go and

1345

00:55:19,360 --> 00:55:17,210

chase after farmer Scott does anybody of

1346

00:55:21,250 --> 00:55:19,370

anybody else have some shoutouts I want

1347

00:55:23,980 --> 00:55:21,260

to show yeah well I just got a lovely

1348

00:55:27,250 --> 00:55:23,990

tweet from mr. underscore underscore

1349

00:55:29,110 --> 00:55:27,260

turtle mr. underscore underscore turtle

1350

00:55:30,550 --> 00:55:29,120

yeah on the way here the think tank is

1351

00:55:32,770 --> 00:55:30,560

easily one of the finest and best

1352

00:55:35,260 --> 00:55:32,780

executed concepts of any of the podcast

1353

00:55:37,120 --> 00:55:35,270

I listened to Oh enjoy so thank you mr.

1354

00:55:38,740 --> 00:55:37,130

underscore underscore turtle that's very

1355

00:55:42,270 --> 00:55:38,750

very sweet of you I just got another one

1356

00:55:44,800 --> 00:55:42,280

from some bloke called bastard she

1357

00:55:49,720 --> 00:55:44,810

saying saying stop tweeting and be

1358

00:55:51,250 --> 00:55:49,730

social is that goes over dinner Dave you

1359

00:55:54,220 --> 00:55:51,260

were just twittering and reading your

1360

00:55:55,930 --> 00:55:54,230

phone the whole time I like to be you

1361

00:55:57,820 --> 00:55:55,940

know well connected to my phone it's

1362

00:56:00,730 --> 00:55:57,830

multitasking it just not the real people

1363

00:56:02,680 --> 00:56:00,740

around him oh that's right all right

1364

00:56:04,510 --> 00:56:02,690

Rachel would you like to take over so I

1365

00:56:07,500 --> 00:56:04,520

can have another glass of champagne sure

1366

00:56:11,020 --> 00:56:07,510

um I was going to talk briefly about

1367

00:56:12,880 --> 00:56:11,030

Jennifer Jennifer Lopez or JLo jail oh

1368

00:56:14,980 --> 00:56:12,890

yeah Jenny from the block

1369

00:56:18,190 --> 00:56:14,990

or does anyone else know anything of it

1370

00:56:21,280 --> 00:56:18,200

yes that's her she was once known as

1371

00:56:23,140 --> 00:56:21,290

benefi wasn't she she was doing better

1372

00:56:25,780 --> 00:56:23,150

for a while that's right that's why

1373

00:56:28,390 --> 00:56:25,790

should a deliberate well he's very yeah

1374

00:56:31,330 --> 00:56:28,400

supposed to talk you know I don't have

1375

00:56:32,680 --> 00:56:31,340

any evidence either way but I've got no

1376

00:56:35,440 --> 00:56:32,690

reasons about it I think they were

1377

00:56:38,230 --> 00:56:35,450

diddling anyway she has got behind a

1378

00:56:41,040 --> 00:56:38,240

campaign started by the March of Dimes

1379

00:56:43,390 --> 00:56:41,050

which is a public awareness campaign

1380

00:56:45,040 --> 00:56:43,400

about educating new parents and their

1381

00:56:48,190 --> 00:56:45,050

families about pertussis or whooping

1382

00:56:51,250 --> 00:56:48,200

cough whooping god yeah and she has just

1383

00:56:54,030 --> 00:56:51,260

recently done a series of ads in which

1384

00:56:57,490 --> 00:56:54,040

when she talks about the dangers of

1385

00:57:00,250 --> 00:56:57,500

pertussis and warns parents about

1386

00:57:02,170 --> 00:57:00,260

getting vaccinated and she was also

1387

00:57:03,970 --> 00:57:02,180

involved in a march plays members

1388

00:57:06,300 --> 00:57:03,980

against times now five past nine at this

1389

00:57:08,350 --> 00:57:06,310

time the club's NH policies in place

1390

00:57:09,940 --> 00:57:08,360

carlton minors in the accompanying

1391

00:57:11,380 --> 00:57:09,950

poison Scotland from the premises

1392

00:57:13,390 --> 00:57:11,390

thinking well good-bye everybody

1393

00:57:19,480 --> 00:57:13,400

Fletcher everybody who works in the

1394

00:57:21,820 --> 00:57:19,490

minors sorry rages I think when she saw

1395

00:57:24,760 --> 00:57:21,830

me she was the honorary chairperson of

1396

00:57:27,940 --> 00:57:24,770

the march of dimes for babies which took

1397

00:57:31,150 --> 00:57:27,950

place recently in dis in columbia and

1398

00:57:33,460 --> 00:57:31,160

puerto rico and the website i had a look

1399

00:57:37,450 --> 00:57:33,470

at it today it's called sounds of

1400

00:57:41,040 --> 00:57:37,460

pertussis and they've got the the little

1401

00:57:44,020 --> 00:57:41,050

sort of add that Jennifer Stano it

1402

00:57:48,340 --> 00:57:44,030

sounds like a jet simon and garfunkel al

1403

00:57:51,580 --> 00:57:48,350

that's right all of those relaxation CDs

1404

00:57:53,440 --> 00:57:51,590

and we're so creates hello mom yeah you

1405

00:57:55,360 --> 00:57:53,450

can get the sound of Wales now you get

1406

00:57:57,610 --> 00:57:55,370

the sound of pesos well you can if you

1407

00:57:59,860 --> 00:57:57,620

don't know I'm serious if you go to the

1408

00:58:01,690 --> 00:57:59,870

website you can actually play the sound

1409

00:58:03,280 --> 00:58:01,700

of a baby with pertussis and it's not

1410

00:58:05,260 --> 00:58:03,290

pleasant well I'm not familiar that with

1411

00:58:08,500 --> 00:58:05,270

joyous anticipation it is not pleasant

1412

00:58:11,200 --> 00:58:08,510

no I've heard that sound and it's just

1413

00:58:13,000 --> 00:58:11,210

yeah it's really good it is it sounds

1414

00:58:15,280 --> 00:58:13,010

like the pockets again i suffocate it's

1415

00:58:17,650 --> 00:58:15,290

awful so yeah that's that's a good that

1416

00:58:21,340 --> 00:58:17,660

she's got behind that and most people

1417

00:58:24,160 --> 00:58:21,350

know that Amanda Peet is also supports

1418

00:58:24,990 --> 00:58:24,170

the probe acts or pro-science deciding

1419

00:58:28,500 --> 00:58:25,000

that I'm

1420

00:58:31,230 --> 00:58:28,510

I've never been a fan of jello but I've

1421

00:58:32,880 --> 00:58:31,240

done dislike her it's just not my sphere

1422

00:58:35,670 --> 00:58:32,890

of things but suddenly I think I'm

1423

00:58:39,180 --> 00:58:35,680

becoming a fan well didn't she do GG

1424

00:58:44,880 --> 00:58:39,190

that terrible movie was up Jill G she's

1425

00:58:47,850 --> 00:58:44,890

eating me yeah that was was it okay I

1426

00:58:50,000 --> 00:58:47,860

don't know that was when she was beneful

1427

00:58:52,140 --> 00:58:50,010

yeah i'm not sure what i meant if he did

1428

00:58:54,210 --> 00:58:52,150

well this is outside my realm of

1429

00:58:57,270 --> 00:58:54,220

expertise it's good to see it's good to

1430

00:58:59,580 --> 00:58:57,280

see a major celebrity getting on the

1431

00:59:01,710 --> 00:58:59,590

course well the good thing about Amanda

1432

00:59:03,150 --> 00:59:01,720

Peet she's affiliated with the people

1433

00:59:04,770 --> 00:59:03,160

that have the vaccinate your baby dot

1434

00:59:06,420 --> 00:59:04,780

org website which is a really great

1435

00:59:09,600 --> 00:59:06,430

website it just offers scientific

1436

00:59:12,390 --> 00:59:09,610

information for parents and her stand is

1437

00:59:14,370 --> 00:59:12,400

don't listen to celebrities listen to

1438

00:59:16,920 --> 00:59:14,380

doctors and scientists what do we know

1439

00:59:18,540 --> 00:59:16,930

about vaccinations and she's doing that

1440

00:59:21,260 --> 00:59:18,550

in direct response obviously to Jenny

1441

00:59:23,940 --> 00:59:21,270

McCarthy and Jenny Barnett and the likes

1442

00:59:26,340 --> 00:59:23,950

saying you know what do we know about

1443

00:59:28,560 --> 00:59:26,350

this stuff but she's using her celebrity

1444

00:59:30,840 --> 00:59:28,570

to to make people aware of that so

1445

00:59:42,090 --> 00:59:30,850

that's that's a good thing as well yeah

1446

00:59:44,880 --> 00:59:42,100

yeah so JLo from the blog yay I was

1447

00:59:47,520 --> 00:59:44,890

speaking of pertussis a friend of ours

1448

00:59:50,970 --> 00:59:47,530

they that's a good segue so while you're

1449

00:59:53,670 --> 00:59:50,980

dead our treasurer on the Australian

1450

00:59:55,590 --> 00:59:53,680

skeptics committee he's a barrister and

1451
00:59:57,960 --> 00:59:55,600
he received notification today that

1452
01:00:01,950 --> 00:59:57,970
someone in his chambers has been

1453
01:00:03,930 --> 01:00:01,960
diagnosed and so a GP is coming to their

1454
01:00:07,380 --> 01:00:03,940
chambers on Friday to give everyone a

1455
01:00:10,140 --> 01:00:07,390
vaccination yeah this is in the centre

1456
01:00:12,000 --> 01:00:10,150
of sydney by the way interesting

1457
01:00:15,570 --> 01:00:12,010
interesting all right now we will

1458
01:00:17,160 --> 01:00:15,580
alluded to this earlier with what you've

1459
01:00:18,840 --> 01:00:17,170
been saying attention members in guess

1460
01:00:20,850 --> 01:00:18,850
the next courtesy bus will be departing

1461
01:00:23,280 --> 01:00:20,860
in five minutes time Oh going to

1462
01:00:26,010 --> 01:00:23,290
Canterbury ashbury ashfield Croydon

1463
01:00:28,110 --> 01:00:26,020

temper would the sun is shining in five

1464

01:00:29,400 --> 01:00:28,120
minutes time thank you you know we had

1465

01:00:31,260 --> 01:00:29,410
to listen to talk to us the other day

1466

01:00:32,670 --> 01:00:31,270
and said they love the ting tactic the

1467

01:00:35,220 --> 01:00:32,680
think tank except when there's bus

1468

01:00:38,040 --> 01:00:35,230
announcement

1469

01:00:39,270 --> 01:00:38,050
favorite oh I compared to somebody

1470

01:00:42,060 --> 01:00:39,280
thought we've dubbed in the bus

1471

01:00:44,490 --> 01:00:42,070
announced really sorry I got that all

1472

01:00:45,960 --> 01:00:44,500
right yeah but as I was saying right

1473

01:00:47,460 --> 01:00:45,970
we've been we've been discussing for

1474

01:00:49,290 --> 01:00:47,470
last few weeks and you've been doing an

1475

01:00:50,849 --> 01:00:49,300
excellent job not only an ass to you of

1476

01:00:53,820 --> 01:00:50,859

course but on this show about talking

1477

01:00:56,070 --> 01:00:53,830

about the Australian vaccination network

1478

01:00:58,650 --> 01:00:56,080

which are a group dedicated to not

1479

01:01:00,359 --> 01:00:58,660

vaccinating as it happens there is an

1480

01:01:03,900 --> 01:01:00,369

online petition set up by one of our

1481

01:01:09,150 --> 01:01:03,910

friends and dave was saying just before

1482

01:01:10,770 --> 01:01:09,160

recording that he has comments oh yeah

1483

01:01:12,720 --> 01:01:10,780

I'm reservations or worries about

1484

01:01:17,250 --> 01:01:12,730

warmuth's signing the petition as it's

1485

01:01:18,930 --> 01:01:17,260

worded mm-hmm because the petition is if

1486

01:01:22,530 --> 01:01:18,940

I've got this right sideline stop the

1487

01:01:23,790 --> 01:01:22,540

avian yeah and and and the gist is that

1488

01:01:26,400 --> 01:01:23,800

the AVM shouldn't have a voice in

1489

01:01:29,220 --> 01:01:26,410

Australia and my position on free speech

1490

01:01:32,130 --> 01:01:29,230

is that free speech should be granted to

1491

01:01:34,349 --> 01:01:32,140

everyone including nutters and including

1492

01:01:38,910 --> 01:01:34,359

dangerous people because otherwise we

1493

01:01:40,500 --> 01:01:38,920

drive their opinions underground they

1494

01:01:43,550 --> 01:01:40,510

should be free to express their opinion

1495

01:01:46,950 --> 01:01:43,560

should be free to promote their cause

1496

01:01:49,280 --> 01:01:46,960

and we should be just as free to say

1497

01:01:51,170 --> 01:01:49,290

that magic water and a Playboy Playmate

1498

01:01:55,020 --> 01:01:51,180

shouldn't be taking the place of

1499

01:01:57,660 --> 01:01:55,030

evidence-based science and we should be

1500

01:02:00,720 --> 01:01:57,670

rather than trying to shut them balance

1501
01:02:02,970 --> 01:02:00,730
them might not be a bit of voice we

1502
01:02:04,530 --> 01:02:02,980
should be a bit we you or I think we're

1503
01:02:06,990 --> 01:02:04,540
going to splendid job but I think we

1504
01:02:08,640 --> 01:02:07,000
should you know we should be allowed a

1505
01:02:13,550 --> 01:02:08,650
voice I think the approach shouldn't be

1506
01:02:15,630 --> 01:02:13,560
trying to silence opponents it should be

1507
01:02:19,890 --> 01:02:15,640
putting the facts out there and saying

1508
01:02:21,420 --> 01:02:19,900
look this is this is ludicrous whilst I

1509
01:02:22,950 --> 01:02:21,430
don't disagree with you Dave on the fact

1510
01:02:26,820 --> 01:02:22,960
of free speech I think that you are

1511
01:02:29,400 --> 01:02:26,830
taking the position a little bit too far

1512
01:02:31,320 --> 01:02:29,410
in that sense and I agree with you that

1513
01:02:33,150 --> 01:02:31,330

it literally does say stop the avn but I

1514

01:02:36,180 --> 01:02:33,160

think Daniels intention whether it was

1515

01:02:38,190 --> 01:02:36,190

to educate people about the fact that

1516

01:02:39,870 --> 01:02:38,200

they do spread misinformation and

1517

01:02:42,960 --> 01:02:39,880

blatant untruths about the safety of

1518

01:02:44,760 --> 01:02:42,970

vaccines and by doing that that is

1519

01:02:46,890 --> 01:02:44,770

educating people and that way they will

1520

01:02:48,930 --> 01:02:46,900

sort of dry up in a sense because people

1521

01:02:50,940 --> 01:02:48,940

will no longer listen to them

1522

01:02:53,040 --> 01:02:50,950

when they realize that all they're doing

1523

01:02:55,500 --> 01:02:53,050

is giving up misinformation that is

1524

01:02:56,609 --> 01:02:55,510

harming people so I don't think he

1525

01:02:58,589 --> 01:02:56,619

literally I agree with what you're

1526

01:02:59,670 --> 01:02:58,599

saying in that sense literally but I

1527

01:03:02,760 --> 01:02:59,680

think you also have to look at the

1528

01:03:04,410 --> 01:03:02,770

bigger picture so I personally wouldn't

1529

01:03:06,150 --> 01:03:04,420

not sign the petition for that reason

1530

01:03:07,559 --> 01:03:06,160

because it's not just about the way it's

1531

01:03:10,800 --> 01:03:07,569

worded it's about the impact that

1532

01:03:12,300 --> 01:03:10,810

they're having on the community so if

1533

01:03:14,160 --> 01:03:12,310

you think that that's the reason why

1534

01:03:16,170 --> 01:03:14,170

some people might not sign it then I'll

1535

01:03:18,510 --> 01:03:16,180

speak to Daniel and get him to change it

1536

01:03:21,990 --> 01:03:18,520

to make it more about that rather than

1537

01:03:25,380 --> 01:03:22,000

you know don't give them a voice because

1538

01:03:28,829 --> 01:03:25,390

I knew agree with the sentiment you're

1539

01:03:31,079 --> 01:03:28,839

saying Dave actually cuz I never even

1540

01:03:32,609 --> 01:03:31,089

evil evil people deserve the same

1541

01:03:34,260 --> 01:03:32,619

freedom of speech that we do I've got

1542

01:03:36,480 --> 01:03:34,270

opinions that big chunks of the

1543

01:03:38,809 --> 01:03:36,490

population would love to silence you

1544

01:03:43,079 --> 01:03:38,819

know my ID my opinions of religion a

1545

01:03:44,309 --> 01:03:43,089

ridiculously well publicized and there's

1546

01:03:46,470 --> 01:03:44,319

plenty people that it would just love to

1547

01:03:48,599 --> 01:03:46,480

shut me up it that's true yeah while I

1548

01:03:52,109 --> 01:03:48,609

sort of agree in the sentiment with with

1549

01:03:53,910 --> 01:03:52,119

Dave's Dave's argument am I think the

1550

01:03:55,650 --> 01:03:53,920

wheel to draw a line between the free

1551

01:03:57,359 --> 01:03:55,660

speech of individuals and the free

1552

01:03:59,970 --> 01:03:57,369

speech of this incorporated entity

1553

01:04:02,910 --> 01:03:59,980

called the AVM it's been incorporated ND

1554

01:04:04,849 --> 01:04:02,920

and we can take that incorporation away

1555

01:04:07,050 --> 01:04:04,859

we can dissolve that through legal means

1556

01:04:09,839 --> 01:04:07,060

that can be done and doesn't quash any

1557

01:04:11,819 --> 01:04:09,849

ones actual free speech individual so I

1558

01:04:13,109 --> 01:04:11,829

don't have a problem and that point I

1559

01:04:14,579 --> 01:04:13,119

think that's a really important issue as

1560

01:04:16,260 --> 01:04:14,589

whether the whole purpose of

1561

01:04:17,670 --> 01:04:16,270

corporations it was originally for

1562

01:04:21,270 --> 01:04:17,680

public good and if they're blatantly

1563

01:04:22,920 --> 01:04:21,280

doing public misdeeds by misleading

1564

01:04:24,960 --> 01:04:22,930

people and letting people to harm their

1565

01:04:26,579 --> 01:04:24,970

children then the corporation in

1566

01:04:27,450 --> 01:04:26,589

corporation has really taken away and

1567

01:04:28,950 --> 01:04:27,460

then the people can have their

1568

01:04:31,710 --> 01:04:28,960

individual say but it won't be as loud

1569

01:04:35,300 --> 01:04:31,720

it's almost like why is it up to us when

1570

01:04:38,910 --> 01:04:35,310

there should be some arm of government

1571

01:04:40,440 --> 01:04:38,920

who have acted before down against these

1572

01:04:42,839 --> 01:04:40,450

people well that is currently happening

1573

01:04:46,500 --> 01:04:42,849

that is in the works right now there are

1574

01:04:49,290 --> 01:04:46,510

currently meetings with the government

1575

01:04:51,420 --> 01:04:49,300

and the McCaffrey family about the issue

1576

01:04:54,480 --> 01:04:51,430

that led to Dana's death and that

1577

01:04:56,220 --> 01:04:54,490

includes not just Davion obviously we

1578

01:04:58,319 --> 01:04:56,230

can't say they were responsible for it

1579

01:05:00,059 --> 01:04:58,329

there was a huge breakdown yes in the

1580

01:05:00,819 --> 01:05:00,069

reporting system by the New South Wales

1581

01:05:02,769 --> 01:05:00,829

Government

1582

01:05:04,569 --> 01:05:02,779

yeah and they were the McCaffrey's were

1583

01:05:06,190 --> 01:05:04,579

not informed they were not informed that

1584

01:05:08,859 --> 01:05:06,200

there was an epidemic and so a lot of

1585

01:05:10,479 --> 01:05:08,869

factors there are other factors you yeah

1586

01:05:12,279 --> 01:05:10,489

on the free speech issue that the

1587

01:05:14,709 --> 01:05:12,289

problem is everybody should be a title

1588

01:05:16,449 --> 01:05:14,719

say what they think and i can say i

1589

01:05:18,729 --> 01:05:16,459

believe is a green unicorn the movement

1590

01:05:20,440 --> 01:05:18,739

if I want but I people shouldn't be

1591

01:05:22,989 --> 01:05:20,450

allowed to present lies to the public so

1592

01:05:24,940 --> 01:05:22,999

in the avian say a thing like dr. Andrew

1593

01:05:27,400 --> 01:05:24,950

Wakefield's paper has shown that MMR's

1594

01:05:29,109 --> 01:05:27,410

lead to autism the judge is a lie

1595

01:05:32,739 --> 01:05:29,119

because his paper was discredited these

1596

01:05:34,959 --> 01:05:32,749

fans were treated all these results that

1597

01:05:37,569 --> 01:05:34,969

is not really previous order to present

1598

01:05:39,940 --> 01:05:37,579

that to the public you can say oh I

1599

01:05:41,859 --> 01:05:39,950

believe that you know vaccines cause

1600

01:05:43,359 --> 01:05:41,869

autism that's the thing you can believe

1601

01:05:44,680 --> 01:05:43,369

or one individual can believe in it

1602

01:05:46,539 --> 01:05:44,690

stops there when you say there is

1603

01:05:49,690 --> 01:05:46,549

scientific research but that is actually

1604

01:05:51,519 --> 01:05:49,700

a lie of the shows a little that we

1605

01:05:54,839 --> 01:05:51,529

shouldn't go to the public so you really

1606

01:05:57,819 --> 01:05:54,849

say it's a beaut of free speech or

1607

01:05:59,019 --> 01:05:57,829

misuse of eric's yeah yeah yeah this

1608

01:06:00,489 --> 01:05:59,029

thing is to probably something we have

1609

01:06:02,109 --> 01:06:00,499

to tolerate because we do value free

1610

01:06:03,609 --> 01:06:02,119

speaks very highly anything it will come

1611

01:06:05,289 --> 01:06:03,619

down on the side and I think it says so

1612

01:06:06,880 --> 01:06:05,299

it should be allowed even despite the

1613

01:06:08,680 --> 01:06:06,890

abuse and misuse I think it says

1614

01:06:10,180 --> 01:06:08,690

something too about the level of

1615

01:06:12,789 --> 01:06:10,190

scientific understanding in this country

1616

01:06:15,999 --> 01:06:12,799

where Meryl Dory can get on national TV

1617

01:06:18,910 --> 01:06:16,009

and you use this quote in the last

1618

01:06:21,189 --> 01:06:18,920

episode of the show it was a sound bite

1619

01:06:24,729 --> 01:06:21,199

from her her her own word saying that

1620

01:06:26,349 --> 01:06:24,739

her family had whooping cough and only

1621

01:06:27,910 --> 01:06:26,359

lasted two weeks and it was nothing

1622

01:06:31,209 --> 01:06:27,920

worse than just a bad cough and they

1623

01:06:33,640 --> 01:06:31,219

treat it with homeopathy it off is a lot

1624

01:06:35,769 --> 01:06:33,650

more than just a bad cough and thus last

1625

01:06:38,410 --> 01:06:35,779

longer than sue and also for her to say

1626
01:06:40,420 --> 01:06:38,420
way they could to say that and not have

1627
01:06:43,059 --> 01:06:40,430
them all the population say what Doug

1628
01:06:44,769 --> 01:06:43,069
yeah and also in the same set and say we

1629
01:06:47,650 --> 01:06:44,779
treated it with homeopathy and the whole

1630
01:06:50,709 --> 01:06:47,660
population say okay the little rooms

1631
01:06:55,779 --> 01:06:50,719
here and it's padded I Richard but I

1632
01:06:57,549 --> 01:06:55,789
mean if a modest proposal if rather than

1633
01:06:59,799 --> 01:06:57,559
petitioning the government to shut

1634
01:07:01,689 --> 01:06:59,809
people down and silence people which

1635
01:07:03,189 --> 01:07:01,699
still makes me uneasy although I'll take

1636
01:07:08,380 --> 01:07:03,199
on board everything that you so Stephen

1637
01:07:10,900 --> 01:07:08,390
Rachel why don't we have a community

1638
01:07:12,620 --> 01:07:10,910

service announcement out there from from

1639

01:07:14,870 --> 01:07:12,630

the government saying

1640

01:07:17,180 --> 01:07:14,880

you know we understand there's a lot of

1641

01:07:19,220 --> 01:07:17,190

public controversy and a lot of public

1642

01:07:21,650 --> 01:07:19,230

mistrust regarding this the scientific

1643

01:07:23,180 --> 01:07:21,660

evidence is this this this that vaccines

1644

01:07:25,820 --> 01:07:23,190

are safe that by vaccinating the

1645

01:07:27,770 --> 01:07:25,830

population individuals who can't get the

1646

01:07:30,740 --> 01:07:27,780

vaccine are protected yeah yeah it was

1647

01:07:32,750 --> 01:07:30,750

cuz you know like that every day there's

1648

01:07:34,310 --> 01:07:32,760

tens even hundreds of them every day if

1649

01:07:37,640 --> 01:07:34,320

the government was to put out a public

1650

01:07:40,090 --> 01:07:37,650

message like that it costs 10 probably a

1651
01:07:43,550 --> 01:07:40,100
hundred thousand dollars per messy I

1652
01:07:45,950 --> 01:07:43,560
agree with you but right when it's left

1653
01:07:50,390 --> 01:07:45,960
to the commercial networks like channel

1654
01:07:52,550 --> 01:07:50,400
7 to do this yeah I think that's a

1655
01:07:55,760 --> 01:07:52,560
that's a fun idea but I want to make a

1656
01:07:57,680 --> 01:07:55,770
point with with you and that is that for

1657
01:07:59,510 --> 01:07:57,690
example it's illegal to go to the

1658
01:08:01,850 --> 01:07:59,520
mind-body-spirit festival and claim that

1659
01:08:03,950 --> 01:08:01,860
you can cure incurable diseases what now

1660
01:08:05,960 --> 01:08:03,960
what's your stand on whether or not that

1661
01:08:07,520 --> 01:08:05,970
is quashing people's free speech because

1662
01:08:09,950 --> 01:08:07,530
you can actually be reported and shut

1663
01:08:12,710 --> 01:08:09,960

down if you have a stand saying I can

1664

01:08:13,790 --> 01:08:12,720

cure cancer because that's a lie well

1665

01:08:15,440 --> 01:08:13,800

that's right i mean how is that

1666

01:08:16,790 --> 01:08:15,450

different to saying that vaccines cause

1667

01:08:19,400 --> 01:08:16,800

autism so don't get your kid back

1668

01:08:22,670 --> 01:08:19,410

tonight well the the the main body

1669

01:08:24,440 --> 01:08:22,680

wallet the the world are promoting a yet

1670

01:08:26,180 --> 01:08:24,450

they're promoting a product that there

1671

01:08:28,510 --> 01:08:26,190

are advertising goods or services for

1672

01:08:31,430 --> 01:08:28,520

sale hello that you know this the i

1673

01:08:33,860 --> 01:08:31,440

think yeah but we have authority on

1674

01:08:36,050 --> 01:08:33,870

therapeutic goods for sale we have we

1675

01:08:37,430 --> 01:08:36,060

have things in place to no no you don't

1676
01:08:39,560 --> 01:08:37,440
we don't for homeopathy because there's

1677
01:08:41,270 --> 01:08:39,570
nothing in it well TGA no it's not

1678
01:08:43,520 --> 01:08:41,280
listed with the TGA go missing any

1679
01:08:46,040 --> 01:08:43,530
repute exactly yeah it doesn't exactly

1680
01:08:47,270 --> 01:08:46,050
it's not make claims yes but but these

1681
01:08:49,070 --> 01:08:47,280
people are selling things they're

1682
01:08:51,560 --> 01:08:49,080
selling homeopathy reinterpret are

1683
01:08:53,750 --> 01:08:51,570
endorsing homeopathy snatcher passes

1684
01:08:55,460 --> 01:08:53,760
selling DVDs are selling folks there

1685
01:08:57,140 --> 01:08:55,470
true them if you know you're making a

1686
01:08:58,670 --> 01:08:57,150
lot of money out of it so whilst they're

1687
01:09:01,130 --> 01:08:58,680
not directly handing you a bottle of

1688
01:09:03,200 --> 01:09:01,140

magic water and saying use this not this

1689

01:09:04,700 --> 01:09:03,210

product from a pharmaceutical they're

1690

01:09:06,500 --> 01:09:04,710

still selling stuff and it's not like I

1691

01:09:08,720 --> 01:09:06,510

dispute that some of them would actually

1692

01:09:10,790 --> 01:09:08,730

directly do that what were the life

1693

01:09:12,230 --> 01:09:10,800

blood analysis people doing that yeah

1694

01:09:14,270 --> 01:09:12,240

but I'm talking specifically about the

1695

01:09:17,420 --> 01:09:14,280

anti-vaxxers okay okay they don't have a

1696

01:09:19,550 --> 01:09:17,430

stand that says they used to did that I

1697

01:09:21,080 --> 01:09:19,560

sell things to be honest i don't know

1698

01:09:22,730 --> 01:09:21,090

but i've been there in the years passed

1699

01:09:24,410 --> 01:09:22,740

and there's been the australian

1700

01:09:24,890 --> 01:09:24,420

vaccination network right right yeah

1701

01:09:28,970 --> 01:09:24,900

okay

1702

01:09:31,939 --> 01:09:28,980

you mean the ante yeah I know but see

1703

01:09:33,769 --> 01:09:31,949

get out there and yeah tell your friends

1704

01:09:36,079 --> 01:09:33,779

if you're on if you're on Facebook and

1705

01:09:39,800 --> 01:09:36,089

yes there's people who seem unsure

1706

01:09:41,180 --> 01:09:39,810

spender to spend a little time reading

1707

01:09:42,800 --> 01:09:41,190

up a little bit about about the

1708

01:09:44,419 --> 01:09:42,810

background to this the more people will

1709

01:09:47,030 --> 01:09:44,429

actually know that the Australian

1710

01:09:50,780 --> 01:09:47,040

vaccination network exists I think the

1711

01:09:52,640 --> 01:09:50,790

better hmm I hope the better I agree and

1712

01:09:54,560 --> 01:09:52,650

also I've been since I've started this

1713

01:09:56,930 --> 01:09:54,570

campaign I've been spending a lot of

1714

01:09:58,910 --> 01:09:56,940

time on blogs so you know if people

1715

01:10:00,979 --> 01:09:58,920

comment on my blog or somebody else's

1716

01:10:03,080 --> 01:10:00,989

blog and say we'll hang on I heard that

1717

01:10:07,010 --> 01:10:03,090

this well then I can go and say no the

1718

01:10:08,630 --> 01:10:07,020

evidence is this is anas ness and I've a

1719

01:10:10,820 --> 01:10:08,640

lot of people haven't been aware of the

1720

01:10:13,010 --> 01:10:10,830

lot of the things that I've said yeah I

1721

01:10:14,450 --> 01:10:13,020

mean they weren't previously aware for

1722

01:10:16,729 --> 01:10:14,460

example I bang on about how the

1723

01:10:18,530 --> 01:10:16,739

anti-vaxxers get still get paid to not

1724

01:10:20,930 --> 01:10:18,540

vaccinate yeah that's one of my bug

1725

01:10:22,459 --> 01:10:20,940

bears because they carry on about how

1726

01:10:24,140 --> 01:10:22,469

doctors get paid when they also get some

1727

01:10:25,580 --> 01:10:24,150

spirits who can spike lee i mean you

1728

01:10:27,470 --> 01:10:25,590

know who's taken who's on the tape from

1729

01:10:29,899 --> 01:10:27,480

the government they all are so come on

1730

01:10:31,970 --> 01:10:29,909

guys including you oh you mean why me

1731

01:10:33,830 --> 01:10:31,980

because you've been leaving some to the

1732

01:10:36,649 --> 01:10:33,840

campaign against oh yes that's right

1733

01:10:43,130 --> 01:10:36,659

about michelle yeoh emotion must be

1734

01:10:44,930 --> 01:10:43,140

without big farm tractor was it your

1735

01:10:46,459 --> 01:10:44,940

comment on the yes blog the other day

1736

01:10:50,990 --> 01:10:46,469

that said leave the farmers alone

1737

01:10:55,070 --> 01:10:51,000

they're going through a drought I wish

1738

01:10:57,590 --> 01:10:55,080

it was but it wasn't your I I

1739

01:11:02,300 --> 01:10:57,600

travel we're doing the big bumper it

1740

01:11:06,620 --> 01:11:02,310

turns into a pirate just start with you

1741

01:11:10,820 --> 01:11:06,630

pirate be farmer i ha and then just

1742

01:11:12,979 --> 01:11:10,830

stick a piece of straw chewy and if you

1743

01:11:15,140 --> 01:11:12,989

see a crow circle three times in a

1744

01:11:24,470 --> 01:11:15,150

clockwise direction and it's gonna be

1745

01:11:25,760 --> 01:11:24,480

rain by noon I think big pharma maybe we

1746

01:11:27,229 --> 01:11:25,770

should bring the big farm maybe the big

1747

01:11:28,430 --> 01:11:27,239

pharma should have a segment these shoes

1748

01:11:32,540 --> 01:11:28,440

get yeah yeah

1749

01:11:40,300 --> 01:11:32,550

I'm the big cosmic farmer here oh this

1750

01:11:46,189 --> 01:11:43,640

what were you gonna say I can say if the

1751

01:11:47,510 --> 01:11:46,199

government's got funds to pay parents

1752

01:11:49,580 --> 01:11:47,520

who vaccinate their children and it's

1753

01:11:52,490 --> 01:11:49,590

got funds to pay doctors to vaccinate

1754

01:11:54,680 --> 01:11:52,500

children then perhaps it can put some of

1755

01:11:56,510 --> 01:11:54,690

those funds towards public service

1756

01:11:58,430 --> 01:11:56,520

announcements oh you know what I do care

1757

01:11:59,930 --> 01:11:58,440

well yeah it's in the nature of

1758

01:12:01,430 --> 01:11:59,940

government be reactive rather than

1759

01:12:02,990 --> 01:12:01,440

proactive but they love giving money to

1760

01:12:04,820 --> 01:12:03,000

go when we show enough eventually

1761

01:12:06,410 --> 01:12:04,830

they'll get around to an out I bet all

1762

01:12:08,510 --> 01:12:06,420

of you are you that too young to

1763

01:12:13,160 --> 01:12:08,520

remember this maybe Steve you remember I

1764

01:12:15,410 --> 01:12:13,170

don't know well for 17 I do remember I

1765

01:12:17,900 --> 01:12:15,420

almost certain young travelers in the

1766

01:12:20,270 --> 01:12:17,910

early 80s or maybe the very late 74

1767

01:12:22,189 --> 01:12:20,280

definitely the early 80s there was a

1768

01:12:23,920 --> 01:12:22,199

campaign probably sponsored by the

1769

01:12:28,070 --> 01:12:23,930

Australian Government to vaccinate kids

1770

01:12:30,050 --> 01:12:28,080

using c-3po and r2d2 does anybody

1771

01:12:32,810 --> 01:12:30,060

remember no no no no is she is going by

1772

01:12:34,130 --> 01:12:32,820

medical professionals for this yeah but

1773

01:12:35,420 --> 01:12:34,140

I'm gonna be wishing that doesn't

1774

01:12:42,709 --> 01:12:35,430

younger arms he's going to miss the

1775

01:12:45,740 --> 01:12:42,719

vague idea but they had already old by

1776

01:12:48,260 --> 01:12:45,750

that now maybe listeners who remember

1777

01:12:49,580 --> 01:12:48,270

please great and support my memory no

1778

01:12:51,380 --> 01:12:49,590

you need to find it on youtube in the

1779

01:13:02,270 --> 01:12:51,390

players yeah well yeah yeah and the

1780

01:13:05,000 --> 01:13:02,280

audios me up now 10pcs TV you can't

1781

01:13:06,709 --> 01:13:05,010

possibly getting green coffee Joey's

1782

01:13:10,430 --> 01:13:06,719

don't get diseases like whooping cough

1783

01:13:12,979 --> 01:13:10,440

all measles or polio operation our

1784

01:13:15,140 --> 01:13:12,989

children to a young child gets whooping

1785

01:13:20,180 --> 01:13:15,150

cough it can lead to pneumonia brain

1786

01:13:22,310 --> 01:13:20,190

damage even death what you need is a

1787

01:13:25,340 --> 01:13:22,320

little rewiring a children need to be

1788

01:13:27,280 --> 01:13:25,350

fully immunized and the rest so many are

1789

01:13:30,520 --> 01:13:27,290

not watch

1790

01:13:32,590 --> 01:13:30,530

oh right are two I'll ask them parents

1791

01:13:34,090 --> 01:13:32,600

of Earth aren't your children clearly in

1792

01:13:36,400 --> 01:13:34,100

your life against childhood diseases

1793

01:13:38,920 --> 01:13:36,410

cause your doctor or local health

1794

01:13:41,500 --> 01:13:38,930

department and find out immunize your

1795

01:13:46,690 --> 01:13:41,510

children peace and may the force be with

1796

01:13:48,730 --> 01:13:46,700

you send for the parents guide to

1797

01:13:52,300 --> 01:13:48,740

childhood immunization it's yours free

1798

01:13:55,390 --> 01:13:52,310

right immunization pueblo colorado 8 10

1799

01:14:01,150 --> 01:13:55,400

9 you see I was right all the time oh

1800

01:14:04,120 --> 01:14:01,160

why did I ever doubt it but and also I

1801
01:14:06,670 --> 01:14:04,130
know sir roger moore from the years was

1802
01:14:09,370 --> 01:14:06,680
a campaigner for vaccination Rachel via

1803
01:14:13,540 --> 01:14:09,380
another story yeah I was going to

1804
01:14:16,480 --> 01:14:13,550
mention um I got the Simon Singh BCA

1805
01:14:19,510 --> 01:14:16,490
case most of us know about that here

1806
01:14:23,470 --> 01:14:19,520
don't we oh yes yeah so it's not good

1807
01:14:25,030 --> 01:14:23,480
news unfortunately as some of you may

1808
01:14:27,400 --> 01:14:25,040
have read I'm actually reading off Jack

1809
01:14:29,980 --> 01:14:27,410
of Kent's blog thanks Jack of Kent he's

1810
01:14:31,510 --> 01:14:29,990
written a very thorough rundown of what

1811
01:14:35,260 --> 01:14:31,520
happened to Jackie is actually a lawyer

1812
01:14:37,870 --> 01:14:35,270
in the UK and he blogs at jacket Kent

1813
01:14:40,540 --> 01:14:37,880

and he went to the proceedings but the

1814

01:14:42,670 --> 01:14:40,550

problem is that as some of you know

1815

01:14:45,370 --> 01:14:42,680

Simon was sued by the British

1816

01:14:49,030 --> 01:14:45,380

Chiropractic Association for saying that

1817

01:14:51,280 --> 01:14:49,040

some of their claims were bogus well

1818

01:14:53,410 --> 01:14:51,290

there's that word yeah he says this

1819

01:14:55,270 --> 01:14:53,420

organization is the respectable face of

1820

01:14:58,030 --> 01:14:55,280

the chiropractic profession and yet it

1821

01:14:59,590 --> 01:14:58,040

happily promotes bogus treatments now

1822

01:15:02,530 --> 01:14:59,600

the problem was in the preliminary

1823

01:15:07,720 --> 01:15:02,540

hearing the judge decided that he would

1824

01:15:11,590 --> 01:15:07,730

define the word bogus and his definition

1825

01:15:14,620 --> 01:15:11,600

was that they had deliberately the BCA

1826
01:15:19,050 --> 01:15:14,630
were deliberately deceiving people bc o

1827
01:15:23,710 --> 01:15:21,160
yeah they were being consciously

1828
01:15:26,440 --> 01:15:23,720
dishonest in promoting chiropractic for

1829
01:15:27,940 --> 01:15:26,450
those children's ailments which Simon

1830
01:15:30,040 --> 01:15:27,950
claimed that they couldn't help treat

1831
01:15:32,590 --> 01:15:30,050
and those are things like colic sleeping

1832
01:15:35,770 --> 01:15:32,600
feeding problems frequent ear infections

1833
01:15:38,410 --> 01:15:35,780
asthma reinvention prolonged crying yeah

1834
01:15:41,810 --> 01:15:38,420
that's me yeah

1835
01:15:45,260 --> 01:15:41,820
so the situation now is that Simon has

1836
01:15:48,169 --> 01:15:45,270
to demonstrate with his legal team that

1837
01:15:51,649 --> 01:15:48,179
they consciously were dishonest about

1838
01:15:54,110 --> 01:15:51,659

their claims I don't see how them being

1839

01:15:55,490 --> 01:15:54,120
conscious of the velocity of their

1840

01:15:58,340 --> 01:15:55,500
claims makes any difference the

1841

01:16:00,229 --> 01:15:58,350
definition would I agree I agree not the

1842

01:16:01,910 --> 01:16:00,239
worse than that it can still be bogus

1843

01:16:03,500 --> 01:16:01,920
even if you think it's not doesn't it

1844

01:16:05,209 --> 01:16:03,510
happy the dictionary definition how can

1845

01:16:06,790 --> 01:16:05,219
a judge just make up a definition so

1846

01:16:10,160 --> 01:16:06,800
just selective it so that's what it is

1847

01:16:12,430 --> 01:16:10,170
well I take not nary but it's missing

1848

01:16:14,419 --> 01:16:12,440
the point whether they're consciously

1849

01:16:15,830 --> 01:16:14,429
knowing they're doing the wrong thing or

1850

01:16:17,840 --> 01:16:15,840
not they're still doing the bloody wrong

1851

01:16:20,870 --> 01:16:17,850

thing but it's it's a libel action on it

1852

01:16:22,430 --> 01:16:20,880

depends on on the words that he used in

1853

01:16:26,000 --> 01:16:22,440

his piece and if it judge decides that

1854

01:16:27,979 --> 01:16:26,010

the that the meaning of clovis is that

1855

01:16:29,870 --> 01:16:27,989

they were deliberately lying rather than

1856

01:16:31,880 --> 01:16:29,880

just but that's not mean it

1857

01:16:35,649 --> 01:16:31,890

unintentionally providing something

1858

01:16:37,820 --> 01:16:35,659

ineffective you're right you're I mean I

1859

01:16:41,600 --> 01:16:37,830

but only I don't agree with the judge

1860

01:16:43,550 --> 01:16:41,610

but so so they've to the judge if I

1861

01:16:45,770 --> 01:16:43,560

throw from what I saw there the judge

1862

01:16:49,370 --> 01:16:45,780

agrees that their treatments don't work

1863

01:16:51,590 --> 01:16:49,380

for these conditions but that's a fact

1864

01:16:53,450 --> 01:16:51,600

he said somewhere in there that it's a

1865

01:16:55,250 --> 01:16:53,460

fact but it's not about the facts it's

1866

01:16:57,830 --> 01:16:55,260

about what whether or not they were

1867

01:17:00,890 --> 01:16:57,840

deliberately defrauding people yeah yeah

1868

01:17:04,160 --> 01:17:00,900

so if the judge is saying in this that

1869

01:17:05,840 --> 01:17:04,170

sorry the judge'll degrees last of all

1870

01:17:08,600 --> 01:17:05,850

yet he's establishing whether the

1871

01:17:10,760 --> 01:17:08,610

harvesting is libel the BCA and he's

1872

01:17:14,360 --> 01:17:10,770

saying Simon seeing have said the BCA

1873

01:17:15,680 --> 01:17:14,370

are cynically foisting treatments on the

1874

01:17:18,229 --> 01:17:15,690

public that they know are no good

1875

01:17:20,930 --> 01:17:18,239

because of just you just don't

1876

01:17:24,200 --> 01:17:20,940

definition actually neither the BCA nor

1877

01:17:26,720 --> 01:17:24,210

Simon is seeing intend to that by the

1878

01:17:28,310 --> 01:17:26,730

word bogus i mean the BCA are probably

1879

01:17:30,709 --> 01:17:28,320

see the cereal and sincerely believe

1880

01:17:32,419 --> 01:17:30,719

they're doing valid treatment yeah and

1881

01:17:34,280 --> 01:17:32,429

the issue that Simon Singh has is this

1882

01:17:35,930 --> 01:17:34,290

treatment is actually not valid but

1883

01:17:39,020 --> 01:17:35,940

without casting any reflection on the

1884

01:17:40,459 --> 01:17:39,030

character of the BCA but the judge has

1885

01:17:42,709 --> 01:17:40,469

tons down and say they read the BCS

1886

01:17:44,149 --> 01:17:42,719

cynically manipulating people though it

1887

01:17:46,340 --> 01:17:44,159

was endemic never the issue and that was

1888

01:17:49,700 --> 01:17:46,350

never Simon that was never the BCA's

1889

01:17:51,720 --> 01:17:49,710

accusation either yeah and so the

1890

01:17:54,000 --> 01:17:51,730

situation now is that Simon is

1891

01:17:57,540 --> 01:17:54,010

well how do we said in this country

1892

01:18:00,630 --> 01:17:57,550

appealing stuffed without a public yeah

1893

01:18:03,630 --> 01:18:00,640

without a paddle he can appeal according

1894

01:18:05,610 --> 01:18:03,640

to Jack he found him very appealing well

1895

01:18:10,440 --> 01:18:05,620

yeah he's a lovely guy let's go he can

1896

01:18:15,240 --> 01:18:10,450

settle he can appeal but jack says it

1897

01:18:16,620 --> 01:18:15,250

he's unlikely to do this because it he

1898

01:18:19,470 --> 01:18:16,630

says that it's unlikely that he will

1899

01:18:21,930 --> 01:18:19,480

succeed hardly any guarantee of success

1900

01:18:24,500 --> 01:18:21,940

and further defeats may entrench and

1901

01:18:26,640 --> 01:18:24,510

embolden the BCA's apparent victory so

1902

01:18:28,020 --> 01:18:26,650

Jack doesn't think that's a good know

1903

01:18:30,750 --> 01:18:28,030

where can people go to find out more

1904

01:18:33,180 --> 01:18:30,760

Rachel well you can go to Jack of Kent

1905

01:18:35,850 --> 01:18:33,190

to search him on the Internet that's his

1906

01:18:37,979 --> 01:18:35,860

blog he's doing updates all the time he

1907

01:18:39,810 --> 01:18:37,989

went to the court case and in fact so

1908

01:18:41,820 --> 01:18:39,820

he's because he's got a legal background

1909

01:18:43,760 --> 01:18:41,830

he knows the libel laws in the UK and

1910

01:18:46,920 --> 01:18:43,770

Dave I haven't got a bloody clue and

1911

01:18:50,760 --> 01:18:46,930

what's with you lot and will defamation

1912

01:18:53,580 --> 01:18:50,770

laws under tricky yeah and there's a lot

1913

01:18:55,229 --> 01:18:53,590

of money spent on lawyers however lot of

1914

01:18:56,700 --> 01:18:55,239

money spent on lies but I was trying to

1915

01:18:58,650 --> 01:18:56,710

say that the bed and burden of proof is

1916

01:19:01,190 --> 01:18:58,660

kind of slanted over to one side and I

1917

01:19:04,650 --> 01:19:01,200

know it's difficult to to actually

1918

01:19:06,960 --> 01:19:04,660

disprove libel if you like so Simon's

1919

01:19:09,840 --> 01:19:06,970

kind of falling victim to the British

1920

01:19:12,210 --> 01:19:09,850

legal system which needs reform so it's

1921

01:19:14,160 --> 01:19:12,220

different to in this country where the

1922

01:19:16,410 --> 01:19:14,170

act the accuser has to demonstrate their

1923

01:19:19,290 --> 01:19:16,420

case rather than the person who's being

1924

01:19:21,870 --> 01:19:19,300

accused be honest I don't know yeah well

1925

01:19:25,590 --> 01:19:21,880

in this country you you don't have to

1926

01:19:28,080 --> 01:19:25,600

prove that you weren't it's different it

1927

01:19:32,160 --> 01:19:28,090

just sounded like the the real issue

1928

01:19:33,840 --> 01:19:32,170

here that the in efficacy of the

1929

01:19:37,140 --> 01:19:33,850

chiropractic treatments and Simon's

1930

01:19:39,000 --> 01:19:37,150

reporting on it seems to be completely

1931

01:19:41,490 --> 01:19:39,010

tumbling by the wayside based on a

1932

01:19:43,350 --> 01:19:41,500

semantic new one exactly regarding the

1933

01:19:45,360 --> 01:19:43,360

web bogus particular judges

1934

01:19:48,030 --> 01:19:45,370

interpretation of it which is I'm sure

1935

01:19:49,979 --> 01:19:48,040

what the BCA inside Nene dena'ina the

1936

01:19:53,160 --> 01:19:49,989

BCA North Simon you know what I think

1937

01:19:54,540 --> 01:19:53,170

they totally bogus what do you want to

1938

01:19:57,450 --> 01:19:54,550

tell our listeners something before you

1939

01:20:00,660 --> 01:19:57,460

go with you yes I just need did you want

1940

01:20:02,490 --> 01:20:00,670

to tell them about your knees yes I do d

1941

01:20:02,970 --> 01:20:02,500

want to tell them about you getting on a

1942

01:20:07,950 --> 01:20:02,980

plane

1943

01:20:10,710 --> 01:20:07,960

oh yes do you know what I'm talking

1944

01:20:14,580 --> 01:20:10,720

about now I do now thank you everyone

1945

01:20:16,620 --> 01:20:14,590

God friends who are coming to tam 7

1946

01:20:17,760 --> 01:20:16,630

please come and say hello I shall be

1947

01:20:19,950 --> 01:20:17,770

there and I'll look forward to meeting

1948

01:20:21,540 --> 01:20:19,960

you after teasing us all for months and

1949

01:20:23,550 --> 01:20:21,550

months and months is finally booked a

1950

01:20:26,820 --> 01:20:23,560

ticket today I couldn't resist I just

1951

01:20:28,950 --> 01:20:26,830

know that I everyone's I mean I've been

1952

01:20:31,650 --> 01:20:28,960

there myself it's just incredibly

1953

01:20:33,120 --> 01:20:31,660

fantastically unbelievably good and I

1954

01:20:35,729 --> 01:20:33,130

thought of stuff and I don't care how

1955

01:20:37,650 --> 01:20:35,739

much it costs of Gog's I'm going can you

1956

01:20:41,010 --> 01:20:37,660

say hello to everyone for me please yes

1957

01:20:44,580 --> 01:20:41,020

all Rachel's no ego and me till next

1958

01:20:46,260 --> 01:20:44,590

year so let me see us a mate yes no I

1959

01:20:49,560 --> 01:20:46,270

don't tell them to good tone to come to

1960

01:20:50,880 --> 01:20:49,570

straighten Australia alright so those of

1961

01:20:52,830 --> 01:20:50,890

us who can't afford to fly halfway

1962

01:20:55,560 --> 01:20:52,840

around the world well yes well won't be

1963

01:20:58,920 --> 01:20:55,570

exactly chemistry but in 2010 into the

1964

01:21:02,340 --> 01:20:58,930

SGU again you cast never had maybe not

1965

01:21:04,820 --> 01:21:02,350

maybe the friend Phil place you can I

1966

01:21:07,410 --> 01:21:04,830

wear them if you fancy a jewel an

1967

01:21:10,020 --> 01:21:07,420

inspection convention will be held in

1968

01:21:11,910 --> 01:21:10,030

Melbourne in 2010 so you might be able

1969

01:21:13,710 --> 01:21:11,920

to get whole whatever means speaking of

1970

01:21:15,120 --> 01:21:13,720

all events in Melbourne yeah come and

1971

01:21:16,970 --> 01:21:15,130

see as if you can't afford to go to town

1972

01:21:20,340 --> 01:21:16,980

come and see us in Melbourne next month

1973

01:21:22,950 --> 01:21:20,350

yeah this month end of it oh yeah this

1974

01:21:25,460 --> 01:21:22,960

month see hey come on the May thirtieth

1975

01:21:30,510 --> 01:21:25,470

of Melbourne Uni and to round off this

1976

01:21:33,570 --> 01:21:30,520

today so happy singer com I don't

1977

01:21:37,470 --> 01:21:33,580

believe in astrology aquarius italian so

1978

01:21:39,300 --> 01:21:37,480

I'd like to think all our guests and and

1979

01:21:41,370 --> 01:21:39,310

Regulus for coming tonight until I want

1980

01:21:42,960 --> 01:21:41,380

to go round the table everybody give

1981

01:21:45,990 --> 01:21:42,970

their Twitter damn because we love

1982

01:21:48,870 --> 01:21:46,000

Twitter Rachel ah Rachel Dunlop mmm

1983

01:21:52,530 --> 01:21:48,880

Steve sorry but it's got an A in it Ric

1984

01:21:56,970 --> 01:21:52,540

hie jail my channel a rattail Steve

1985

01:21:58,320 --> 01:21:56,980

Boros stve wado hmm never got a

1986

01:22:01,260 --> 01:21:58,330

dual-core devil and she's called in

1987

01:22:05,620 --> 01:22:01,270

water by a friends like Eduardo the 10

1988

01:22:11,290 --> 01:22:07,840

Master Chief what's yours oh I seven

1989

01:22:17,620 --> 01:22:11,300

there you go there you go mine is mine

1990

01:22:19,360 --> 01:22:17,630

is happy singer h AP p y SI n GE oh okay

1991

01:22:21,370 --> 01:22:19,370

and it's an interesting story behind I'm

1992

01:22:23,350 --> 01:22:21,380

a singer and I'm sure anyway and yes I

1993

01:22:28,479 --> 01:22:23,360

did white sweater name is drunken madman

1994

01:22:31,149 --> 01:22:28,489

which is quite factual and I'm Ian wolf

1995

01:22:33,879 --> 01:22:31,159

with to pose and of course I'm just

1996

01:22:35,410 --> 01:22:33,889

skeptics own there you go thank you

1997

01:22:37,030 --> 01:22:35,420

everybody for joining us tonight in the

1998

01:23:14,010 --> 01:22:37,040

think tank that's going to be fun to

1999

01:23:19,330 --> 01:23:16,590

hey Richard how's your arm feeling ah

2000

01:23:22,360 --> 01:23:19,340

that's okay not too bad it's okay to a

2001

01:23:24,730 --> 01:23:22,370

whooping cough shot I did yeah ananta

2002

01:23:26,680 --> 01:23:24,740

man inspire she was it a scrape or a jab

2003

01:23:29,110 --> 01:23:26,690

it was a job it was a jam and we like to

2004

01:23:30,940 --> 01:23:29,120

say an injection I mean check just jab

2005

01:23:33,820 --> 01:23:30,950

is the word used by the anti-vaccination

2006

01:23:36,550 --> 01:23:33,830

crowd I like this violent violent

2007

01:23:38,620 --> 01:23:36,560

jamshed by the doctor and you get some

2008

01:23:41,740 --> 01:23:38,630

horrible thing you know it was nice and

2009

01:23:43,780 --> 01:23:41,750

simple that hardly felt a thing so the

2010

01:23:44,860 --> 01:23:43,790

word is people if you're an adult and

2011

01:23:48,460 --> 01:23:44,870

especially if you're going to be around

2012

01:23:49,660 --> 01:23:48,470

kids I'm go pink off gusta hit two home

2013

01:23:51,160 --> 01:23:49,670

to your doctor and get a booster shot

2014

01:23:53,110 --> 01:23:51,170

for whooping cough because it is a

2015

01:23:55,470 --> 01:23:53,120

deadly disease or at least find out

2016

01:23:57,790 --> 01:23:55,480

where what your status e and all of your

2017

01:23:59,620 --> 01:23:57,800

vaccinations absolutely not travel

2018

01:24:01,530 --> 01:23:59,630

overseas and they did check everything

2019

01:24:04,060 --> 01:24:01,540

and make sure you would do it gave me a

2020

01:24:06,610 --> 01:24:04,070

falcon oh I went to Hong Kong to get the

2021

01:24:09,160 --> 01:24:06,620

Hong Kong flu as an experiment of course

2022

01:24:10,960 --> 01:24:09,170

didn't happen so but but yeah I was open

2023

01:24:13,450 --> 01:24:10,970

to it yeah just for your own experience

2024

01:24:16,060 --> 01:24:13,460

but besides that I went to Thailand

2025

01:24:17,830 --> 01:24:16,070

couple years ago oh yeah and they they

2026

01:24:19,060 --> 01:24:17,840

check me out and I got the vaccinations

2027

01:24:21,550 --> 01:24:19,070

I feel quite comfortable about it

2028

01:24:23,800 --> 01:24:21,560

absolutely in fact I went to India about

2029

01:24:25,510 --> 01:24:23,810

five years back min had shots before I

2030

01:24:28,570 --> 01:24:25,520

went to India and strangely enough I

2031

01:24:30,580 --> 01:24:28,580

didn't fall over dead or I look at that

2032

01:24:33,250 --> 01:24:30,590

slumdog show you have you've been as

2033

01:24:35,320 --> 01:24:33,260

many shots as you can get and say so yes

2034

01:24:37,690 --> 01:24:35,330

that's that's almost the show that's

2035

01:24:39,700 --> 01:24:37,700

almost a show now listeners might be

2036

01:24:43,060 --> 01:24:39,710

interested to go on to the net and type

2037

01:24:44,950 --> 01:24:43,070

in Google Jenny McCarthy video no Jenny

2038

01:24:46,870 --> 01:24:44,960

McCarthy is the Playboy actress now the

2039

01:24:49,570 --> 01:24:46,880

anti-vaccination campaigner she's put

2040

01:24:51,310 --> 01:24:49,580

out a video giving her thoughts about

2041

01:24:53,860 --> 01:24:51,320

vaccinations and it's almost like the

2042

01:24:56,580 --> 01:24:53,870

onion did it it's almost be so bad to

2043

01:24:59,170 --> 01:24:56,590

send up and I've just been told by Kylie

2044

01:25:01,150 --> 01:24:59,180

Sturgis our reporter that the ammeter

2045

01:25:02,770 --> 01:25:01,160

science podcast if you google Emma to

2046

01:25:04,750 --> 01:25:02,780

science podcasts have done ascend up

2047

01:25:07,420 --> 01:25:04,760

that or or a reply or something we're

2048

01:25:09,310 --> 01:25:07,430

looking at the Oasis I love the old

2049

01:25:11,550 --> 01:25:09,320

parodies than the irony it's always

2050

01:25:15,540 --> 01:25:11,560

speaking of parodies and irony oh yes

2051
01:25:18,220 --> 01:25:15,550
you were on our national television no

2052
01:25:20,350 --> 01:25:18,230
just the other night just yet just last

2053
01:25:21,790 --> 01:25:20,360
night actually if your youtube vid have

2054
01:25:22,479 --> 01:25:21,800
been a fun with YouTube video and our

2055
01:25:25,810 --> 01:25:22,489
lovely

2056
01:25:27,160 --> 01:25:25,820
national ABC TV network they put it on

2057
01:25:30,279 --> 01:25:27,170
at the front of the show they did what's

2058
01:25:33,879 --> 01:25:30,289
the name of that video it's Wayne Swan

2059
01:25:35,799 --> 01:25:33,889
kevin rudd d-day budget world war two

2060
01:25:39,009 --> 01:25:35,809
newsreel that's why it's called Wayne

2061
01:25:41,020 --> 01:25:39,019
Swan kevin rudd so yeah check out what

2062
01:25:43,810 --> 01:25:41,030
will save time if you go to youtube just

2063
01:25:50,169 --> 01:25:43,820

you look at Stefan's channel it's

2064

01:25:52,209 --> 01:25:50,179

serious 01 and that's Cyr I us 0 1 0 it

2065

01:25:54,339 --> 01:25:52,219

out check it out it's a lot of fun

2066

01:25:56,049 --> 01:25:54,349

anyway but hey this is even more fun in

2067

01:25:57,669 --> 01:25:56,059

the zone thanks for listening everyone

2068

01:25:58,899 --> 01:25:57,679

and thanks for the good numbers we've

2069

01:26:01,899 --> 01:25:58,909

been getting excellent numbers ever

2070

01:26:03,489 --> 01:26:01,909

since last really four episodes have

2071

01:26:05,470 --> 01:26:03,499

gone up and I'm like thank you we've had

2072

01:26:08,620 --> 01:26:05,480

Tim mentioned you mentioned she has fry

2073

01:26:10,600 --> 01:26:08,630

fry it's what celebrity backed it's all

2074

01:26:12,100 --> 01:26:10,610

happening yes this is the skeptic zone

2075

01:26:17,229 --> 01:26:12,110

we'll see you next week Richard by now

2076

01:26:21,520 --> 01:26:17,239

see ya you've been listening to the

2077

01:26:24,759 --> 01:26:21,530

skeptic zone visit our website at wwc a

2078

01:26:28,170 --> 01:26:24,769

petting zoo TV for comments contacts and

2079

01:26:33,750 --> 01:26:28,180

extra video reports