

The Skeptic Zone

Show 262 - 27 Oct 2013

Gunner N. Tjømlid

PLACEBO- DEFEKTEN

Hvordan alternativ
behandling
virker som den virker

1
00:00:17,090 --> 00:00:09,089
welcome to the skeptic zone the podcast

2
00:00:17,100 --> 00:00:22,330
haha

3
00:00:28,940 --> 00:00:25,130
hello and welcome to the skeptic zone

4
00:00:32,390 --> 00:00:28,950
episode number 262 on the twenty-seventh

5
00:00:35,390 --> 00:00:32,400
of october2013 Richard Saunders here

6
00:00:38,410 --> 00:00:35,400
with you from Sydney Australia and thank

7
00:00:43,220 --> 00:00:38,420
goodness one think the firefighters ah

8
00:00:45,200 --> 00:00:43,230
that the fires are if not out at least

9
00:00:48,170 --> 00:00:45,210
they're under control here's those

10
00:00:50,240 --> 00:00:48,180
terrible wildfires to the west of Sydney

11
00:00:53,270 --> 00:00:50,250
and other places around the state of New

12
00:00:56,119 --> 00:00:53,280
South Wales are under control we'll be

13
00:00:58,100 --> 00:00:56,129

discussing those a little bit later in

14

00:01:01,189 --> 00:00:58,110

today's episode in the think tank yes

15

00:01:02,990 --> 00:01:01,199

it's the return of the think tank but

16

00:01:06,200 --> 00:01:03,000

joining me in the think tank a dr.

17

00:01:09,260 --> 00:01:06,210

Richie Joe and Ben about and Marco spin

18

00:01:12,670 --> 00:01:09,270

about Iran sir give and our guest

19

00:01:15,680 --> 00:01:12,680

Margaret and Tate will be discussing

20

00:01:17,780 --> 00:01:15,690

climate change sort of topics also the

21

00:01:20,060 --> 00:01:17,790

recent appearance of Merrill Dory from

22

00:01:22,870 --> 00:01:20,070

the Australian vaccination Network yes

23

00:01:26,420 --> 00:01:22,880

those zany wacky people are at it again

24

00:01:28,280 --> 00:01:26,430

she was recently on national TV and dr.

25

00:01:30,560 --> 00:01:28,290

Richie has something to say about that I

26
00:01:34,910 --> 00:01:30,570
can promise you and Joe and Ben amoo

27
00:01:36,620 --> 00:01:34,920
will be talking about chiropractic the

28
00:01:38,870 --> 00:01:36,630
return of the think tank that's coming

29
00:01:40,100 --> 00:01:38,880
up later in the show but to kick off the

30
00:01:43,880 --> 00:01:40,110
show we have an interview with a

31
00:01:46,280 --> 00:01:43,890
Norwegian author guna Chumlee who I hope

32
00:01:48,620 --> 00:01:46,290
I said that right who will be telling us

33
00:01:51,650 --> 00:01:48,630
all about his new book the placebo

34
00:01:53,720 --> 00:01:51,660
defect all about placebo and how it

35
00:01:57,080 --> 00:01:53,730
works or it appears to work and all

36
00:01:59,120 --> 00:01:57,090
sorts of things relating to that it's

37
00:02:00,650 --> 00:01:59,130
good if your Norwegian you can read his

38
00:02:02,000 --> 00:02:00,660

book I hope it'll be coming out in

39

00:02:04,100 --> 00:02:02,010

English anyway it's a fascinating

40

00:02:06,910 --> 00:02:04,110

interview all about this very

41

00:02:09,949 --> 00:02:06,920

interesting part of medicine and

42

00:02:11,839 --> 00:02:09,959

psychology only a few weeks to go now

43

00:02:13,009 --> 00:02:11,849

until the Australian skeptics National

44

00:02:16,009 --> 00:02:13,019

Convention and I must say

45

00:02:18,399 --> 00:02:16,019

congratulations to Lauren and Amanda in

46

00:02:20,960 --> 00:02:18,409

Canberra who have recently joined the

47

00:02:22,940 --> 00:02:20,970

the committee the camera skeptics

48

00:02:24,160 --> 00:02:22,950

committee congratulations ladies I'm

49

00:02:26,809 --> 00:02:24,170

sure you'll make a wonderful

50

00:02:28,580 --> 00:02:26,819

contribution can't wait to see you too

51
00:02:31,250 --> 00:02:28,590
when we come down to Canberra for the

52
00:02:33,080 --> 00:02:31,260
convention to get those last tickets and

53
00:02:33,860 --> 00:02:33,090
what fun we're going to have visit

54
00:02:36,920 --> 00:02:33,870
National

55
00:02:39,259 --> 00:02:36,930
Epic's convention dot org snap up those

56
00:02:41,690 --> 00:02:39,269
last tickets and join us for a weekend

57
00:02:44,089 --> 00:02:41,700
of skepticism and magic and fun and

58
00:02:48,170 --> 00:02:44,099
spoon bending and all sorts of things

59
00:02:50,180 --> 00:02:48,180
that's the 22nd to the 24th of November

60
00:02:52,280 --> 00:02:50,190
can't wait to see dr. Paul well is there

61
00:02:53,720 --> 00:02:52,290
of course and speaking of poor Willis of

62
00:02:56,149 --> 00:02:53,730
course in this week's episode we have

63
00:02:59,089 --> 00:02:56,159

the ever-popular weaken science from the

64

00:03:01,640 --> 00:02:59,099

Royal Institution of Australia what

65

00:03:05,420 --> 00:03:01,650

would we do without a week in science

66

00:03:06,979 --> 00:03:05,430

now if you visit [www.ypd zone](http://www.ypdzone.com) TV might

67

00:03:08,869 --> 00:03:06,989

have noticed we've got a little

68

00:03:11,030 --> 00:03:08,879

thermometer going from Maynard did help

69

00:03:13,360 --> 00:03:11,040

cover his hotel room because Maynard is

70

00:03:16,009 --> 00:03:13,370

coming to Maryland with us to cover the

71

00:03:19,539 --> 00:03:16,019

convention lots of interviews lots of

72

00:03:21,860 --> 00:03:19,549

insights and maynard's usual craziness

73

00:03:23,630 --> 00:03:21,870

but we do need a little bit of help to

74

00:03:25,970 --> 00:03:23,640

cover his hotel room so he can bring you

75

00:03:28,309 --> 00:03:25,980

many many weeks of interesting

76

00:03:31,220 --> 00:03:28,319

interviews and insights from his point

77

00:03:32,809 --> 00:03:31,230

of view now you can just chip in which

78

00:03:34,430 --> 00:03:32,819

is really wonderful and some people have

79

00:03:38,059 --> 00:03:34,440

been doing that very grateful I'm very

80

00:03:41,780 --> 00:03:38,069

grateful of course or you may wish to

81

00:03:43,670 --> 00:03:41,790

bid on the skeptics own poster which is

82

00:03:47,000 --> 00:03:43,680

up for auction at the moment if your

83

00:03:49,490 --> 00:03:47,010

visit w WC bigs on TV have a look right

84

00:03:51,970 --> 00:03:49,500

at the top of the page well almost is a

85

00:03:55,309 --> 00:03:51,980

link to the ebay bid and a photograph of

86

00:03:58,869 --> 00:03:55,319

myself around so give joanne been a

87

00:04:01,550 --> 00:03:58,879

moose stefan soika dr. H E and Maynard

88

00:04:04,069 --> 00:04:01,560

during a recording the think tank all

89

00:04:06,289 --> 00:04:04,079

our autographs are there it's a really

90

00:04:07,729 --> 00:04:06,299

nice photograph sort of looks like it

91

00:04:09,949 --> 00:04:07,739

was taken in the TARDIS it's a bit

92

00:04:12,319 --> 00:04:09,959

strange but there you go have a look you

93

00:04:14,150 --> 00:04:12,329

can bid on that off if you want but if

94

00:04:17,150 --> 00:04:14,160

you do want to help out would be very

95

00:04:19,159 --> 00:04:17,160

grateful or as some people do you may

96

00:04:22,099 --> 00:04:19,169

wish to subscribe to the skeptic zone

97

00:04:24,379 --> 00:04:22,109

for less than a dollar a week well

98

00:04:27,170 --> 00:04:24,389

that's enough of me at the moment maybe

99

00:04:29,810 --> 00:04:27,180

a few more things to say at the end of

100

00:04:33,830 --> 00:04:29,820

the show but now it's time for me to run

101

00:04:38,740 --> 00:04:33,840

downstairs run downstairs open the

102

00:04:43,330 --> 00:04:38,750

fridge hmm I wonder if there's any of

103

00:04:45,770 --> 00:04:43,340

yesterday's curried chickpeas left

104

00:04:47,230 --> 00:04:45,780

curried chickpeas that's the key word

105

00:04:49,629 --> 00:04:47,240

this week folks

106

00:04:52,779 --> 00:04:49,639

all those people who write to me saying

107

00:04:56,200 --> 00:04:52,789

that they try to match in their fridge

108

00:05:00,339 --> 00:04:56,210

what I have in mind mmm good luck

109

00:05:24,080 --> 00:05:00,349

curried chickpeas well I do that I hope

110

00:05:28,980 --> 00:05:26,340

well joining me now all the way from

111

00:05:30,870 --> 00:05:28,990

beautiful Norway on door way I was only

112

00:05:33,240 --> 00:05:30,880

there in april and i fell in love with

113

00:05:35,010 --> 00:05:33,250

the place must go back again must go

114

00:05:38,420 --> 00:05:35,020

back again is the author of a new book

115

00:05:41,670 --> 00:05:38,430

called in english the placebo defect

116

00:05:45,870 --> 00:05:41,680

please welcome to the skeptic zone guna

117

00:05:47,730 --> 00:05:45,880

children hello hello I'm sorry if I've

118

00:05:51,780 --> 00:05:47,740

got your name completely wrong they're

119

00:05:54,270 --> 00:05:51,790

not my Norwegian is not the best it's

120

00:05:55,890 --> 00:05:54,280

not a quite okay I'm pleased to hear it

121

00:05:57,120 --> 00:05:55,900

now you've written an interesting book

122

00:05:59,490 --> 00:05:57,130

and you've done some research obviously

123

00:06:02,100 --> 00:05:59,500

into the placebo effect and this is

124

00:06:05,550 --> 00:06:02,110

really one of the most interesting

125

00:06:08,970 --> 00:06:05,560

things that a skeptic can come across or

126

00:06:11,430 --> 00:06:08,980

study because it's sort of int as many

127

00:06:13,650 --> 00:06:11,440

areas not only alternative medicine but

128

00:06:16,590 --> 00:06:13,660

certainly it's a way of thinking and

129

00:06:19,500 --> 00:06:16,600

it's a way of feeling that something has

130

00:06:23,370 --> 00:06:19,510

happened what inspired you to write

131

00:06:26,130 --> 00:06:23,380

about the placebo effect well the book

132

00:06:28,710 --> 00:06:26,140

isn't only about the placebo effect what

133

00:06:32,490 --> 00:06:28,720

I'm trying to explain in the book is why

134

00:06:35,550 --> 00:06:32,500

people experience that treatments that

135

00:06:39,510 --> 00:06:35,560

don't work why the experience that they

136

00:06:41,610 --> 00:06:39,520

do work and so try to go into the

137

00:06:45,210 --> 00:06:41,620

psychology of that and the placebo

138

00:06:48,390 --> 00:06:45,220

effect is of course one of many effects

139

00:06:49,920 --> 00:06:48,400

that make you feel something works but

140

00:06:53,340 --> 00:06:49,930

it could also be a memory the illusion

141

00:06:55,260 --> 00:06:53,350

of remembering things as closer together

142

00:07:00,240 --> 00:06:55,270

in time that they actually then they

143

00:07:02,130 --> 00:07:00,250

actually were and many things I find it

144

00:07:04,890 --> 00:07:02,140

very interesting to try to really

145

00:07:07,890 --> 00:07:04,900

understand why someone can use a

146

00:07:09,630 --> 00:07:07,900

treatment like homeopathy and feel that

147

00:07:12,960 --> 00:07:09,640

it really worked for them just try to

148

00:07:15,720 --> 00:07:12,970

explain why that might be an illusion

149

00:07:17,790 --> 00:07:15,730

and why that might not be any proof that

150

00:07:20,400 --> 00:07:17,800

it actually works even though it feels

151
00:07:22,980 --> 00:07:20,410
as if it works it certainly does and

152
00:07:25,020 --> 00:07:22,990
this is something of course that we come

153
00:07:29,160 --> 00:07:25,030
across in many aspects of skeptical

154
00:07:31,200 --> 00:07:29,170
thinking and it's often the case when

155
00:07:32,559 --> 00:07:31,210
somebody thinks something has really

156
00:07:36,579 --> 00:07:32,569
worked for

157
00:07:39,820 --> 00:07:36,589
that it's almost impossible it's almost

158
00:07:41,199 --> 00:07:39,830
impossible to convince them otherwise to

159
00:07:44,109 --> 00:07:41,209
make them see that maybe it hasn't

160
00:07:46,269 --> 00:07:44,119
worked at all and I guess homeopathy is

161
00:07:48,879 --> 00:07:46,279
one of the best examples that you can

162
00:07:52,149 --> 00:07:48,889
find what other treatments do you look

163
00:07:54,579 --> 00:07:52,159

at what I didn't want to write the new

164

00:07:57,159 --> 00:07:54,589

trick or treatment book so I'm not I I

165

00:08:00,399 --> 00:07:57,169

don't really go into very many different

166

00:08:02,499 --> 00:08:00,409

alternative treatments but I have I have

167

00:08:04,209 --> 00:08:02,509

gone quite extensively into three

168

00:08:07,029 --> 00:08:04,219

different treatments and that's

169

00:08:08,889 --> 00:08:07,039

homeopathy because that's at one end of

170

00:08:11,859 --> 00:08:08,899

the spectre which is kind of more like

171

00:08:14,320 --> 00:08:11,869

religion or just pure magic and then you

172

00:08:16,869 --> 00:08:14,330

have a few puncture which I place kind

173

00:08:20,499 --> 00:08:16,879

of in the middle because it's even

174

00:08:23,469 --> 00:08:20,509

though it probably doesn't work and it's

175

00:08:26,259 --> 00:08:23,479

been what you call it it's it's a bit

176

00:08:29,019 --> 00:08:26,269

inside the Norwegian healthcare met some

177

00:08:31,059 --> 00:08:29,029

doctors use it and they use it when for

178

00:08:34,079 --> 00:08:31,069

pregnant women who are giving childbirth

179

00:08:37,149 --> 00:08:34,089

and things and then you also have

180

00:08:39,670 --> 00:08:37,159

chiropractic which in Norway isn't

181

00:08:41,499 --> 00:08:39,680

regarded as alternative at all it's just

182

00:08:44,949 --> 00:08:41,509

like people most people think it's like

183

00:08:48,100 --> 00:08:44,959

and physical therapy is just the

184

00:08:52,269 --> 00:08:48,110

ordinary medicine so I went into depth

185

00:08:55,210 --> 00:08:52,279

of those three treatments and I think

186

00:08:59,290 --> 00:08:55,220

people who read the book will will and

187

00:09:01,480 --> 00:08:59,300

maybe have some what you call it in

188

00:09:06,970 --> 00:09:01,490

English in a wage and we call it a ha

189

00:09:08,259 --> 00:09:06,980

experience we you probably will learn

190

00:09:09,999 --> 00:09:08,269

something that you didn't really know

191

00:09:12,280 --> 00:09:10,009

about acupuncture and maybe also

192

00:09:15,220 --> 00:09:12,290

chiropractic that's a good expression

193

00:09:17,470 --> 00:09:15,230

aha I think maybe the closest one I can

194

00:09:20,040 --> 00:09:17,480

think of is we say the penny drops I

195

00:09:22,300 --> 00:09:20,050

don't know if your family or that

196

00:09:24,970 --> 00:09:22,310

realization well that I think you've

197

00:09:27,610 --> 00:09:24,980

picked three of the biggest ones in

198

00:09:31,210 --> 00:09:27,620

Western society homeopathy of course is

199

00:09:34,269 --> 00:09:31,220

very big acupuncture in Australia to is

200

00:09:37,809 --> 00:09:34,279

very big but I find chiropractic is very

201
00:09:40,889 --> 00:09:37,819
interesting because like in Norway in

202
00:09:43,720 --> 00:09:40,899
Australia most people regard

203
00:09:45,610 --> 00:09:43,730
chiropractic as mainstream and they

204
00:09:47,180 --> 00:09:45,620
don't really know they haven't learned

205
00:09:51,170 --> 00:09:47,190
yet

206
00:09:55,080 --> 00:09:51,180
it's shaky it's very shaky foundations

207
00:09:56,400 --> 00:09:55,090
so were you involved with the talking to

208
00:10:01,110 --> 00:09:56,410
people who had gone through these

209
00:10:02,940 --> 00:10:01,120
treatments a little bit of research is

210
00:10:05,010 --> 00:10:02,950
to try to find out how people have been

211
00:10:07,800 --> 00:10:05,020
to a chiropractor actually experienced

212
00:10:10,050 --> 00:10:07,810
it but the most important things that

213
00:10:12,450 --> 00:10:10,060

people find when reading the chapter by

214

00:10:15,090 --> 00:10:12,460

chiropractic is firstly there isn't any

215

00:10:18,840 --> 00:10:15,100

good evidence that it actually works for

216

00:10:22,770 --> 00:10:18,850

two main and treatments lower back pain

217

00:10:24,150 --> 00:10:22,780

and neck pain which will surprise many I

218

00:10:26,430 --> 00:10:24,160

think but don't think so really just

219

00:10:28,940 --> 00:10:26,440

they just expected to work because I

220

00:10:31,530 --> 00:10:28,950

heard so many people that experiences

221

00:10:33,930 --> 00:10:31,540

that I've experienced that it works and

222

00:10:38,730 --> 00:10:33,940

also that you have quite a lot of

223

00:10:41,580 --> 00:10:38,740

serious side effects and people actually

224

00:10:45,360 --> 00:10:41,590

can die from having a chiropractic

225

00:10:47,400 --> 00:10:45,370

adjustment especially of the neck so and

226

00:10:48,390 --> 00:10:47,410

I also what was quite interesting is

227

00:10:50,520 --> 00:10:48,400

when I started writing about

228

00:10:54,540 --> 00:10:50,530

chiropractic I I started writing that

229

00:10:57,150 --> 00:10:54,550

you know and the origins it was used

230

00:10:59,130 --> 00:10:57,160

they talked about these subluxation and

231

00:11:01,350 --> 00:10:59,140

stuff and it's quite magical it's the

232

00:11:03,660 --> 00:11:01,360

life energy or life force cover your

233

00:11:05,460 --> 00:11:03,670

spine and things and I was going to

234

00:11:07,650 --> 00:11:05,470

write that but in norway norwegian

235

00:11:09,300 --> 00:11:07,660

chiropractors don't believe this anymore

236

00:11:14,040 --> 00:11:09,310

and they only treat you know like

237

00:11:15,990 --> 00:11:14,050

muscular skillet and skeleton pains but

238

00:11:17,880 --> 00:11:16,000

when i started doing some google

239

00:11:20,190 --> 00:11:17,890

searches and reading the websites of

240

00:11:22,440 --> 00:11:20,200

norwegian chiropractors actually found a

241

00:11:26,940 --> 00:11:22,450

few that still talk about subluxation

242

00:11:30,030 --> 00:11:26,950

and people who actively reject vaccines

243

00:11:31,380 --> 00:11:30,040

they and they tell people don't get

244

00:11:34,980 --> 00:11:31,390

vaccinated because it's dangerous

245

00:11:38,250 --> 00:11:34,990

chemicals and stuff and they kind of

246

00:11:40,290 --> 00:11:38,260

they they tell people not to use

247

00:11:43,310 --> 00:11:40,300

ordinary medicine because it's dangerous

248

00:11:46,380 --> 00:11:43,320

so that shocked me a bit that it was so

249

00:11:49,670 --> 00:11:46,390

it of course it doesn't met most

250

00:11:52,800 --> 00:11:49,680

chiropractors I think in all we r RM and

251
00:11:54,330 --> 00:11:52,810
they liked scientific evidence even

252
00:11:56,730 --> 00:11:54,340
though there isn't so much to support

253
00:11:59,250 --> 00:11:56,740
chiropractics they at least try to give

254
00:12:01,260 --> 00:11:59,260
the impression that that's important

255
00:12:04,670 --> 00:12:01,270
but then you have also a subgroup that

256
00:12:07,740 --> 00:12:04,680
that I completely identity that rejects

257
00:12:09,420 --> 00:12:07,750
scientific based medicine isn't that

258
00:12:12,690 --> 00:12:09,430
interesting because out I think that's

259
00:12:15,080 --> 00:12:12,700
more or less the situation here as well

260
00:12:20,220 --> 00:12:15,090
there are certainly many chiropractors

261
00:12:24,990 --> 00:12:20,230
operating in Australia who do go into

262
00:12:28,410 --> 00:12:25,000
the hole sublaxation way of thinking and

263
00:12:32,280 --> 00:12:28,420

a lot of chiropractors sadly aren't

264

00:12:34,050 --> 00:12:32,290

supporting of vaccinations and well it

265

00:12:36,360 --> 00:12:34,060

must be difficult for the chiropractors

266

00:12:38,580 --> 00:12:36,370

out there who think that you know all

267

00:12:40,740 --> 00:12:38,590

that is is not safe and not good and

268

00:12:43,590 --> 00:12:40,750

rubbish and concentrate mainly on just

269

00:12:46,140 --> 00:12:43,600

trying to give good massages and fix

270

00:12:49,170 --> 00:12:46,150

people's pain in their lower back it's a

271

00:12:51,780 --> 00:12:49,180

very interesting area and in this

272

00:12:54,180 --> 00:12:51,790

country especially lately there's been a

273

00:12:56,040 --> 00:12:54,190

lot of controversy because there's been

274

00:12:59,520 --> 00:12:56,050

reports of a baby you had their neck

275

00:13:01,650 --> 00:12:59,530

damage with a chiropractor and our good

276
00:13:03,570 --> 00:13:01,660
friend dr. Rachel Dunlop has exposed

277
00:13:06,930 --> 00:13:03,580
some chiropractors who would you know

278
00:13:08,670 --> 00:13:06,940
promoting anti-vaccination and again

279
00:13:11,160 --> 00:13:08,680
just getting back to this whole placebo

280
00:13:12,960 --> 00:13:11,170
area when somebody goes into a

281
00:13:14,970 --> 00:13:12,970
chiropractor or an acupuncturist and

282
00:13:16,710 --> 00:13:14,980
they have a procedure done and there's

283
00:13:19,860 --> 00:13:16,720
somebody in a white coat and they spend

284
00:13:23,760 --> 00:13:19,870
time with them I'm not surprised when

285
00:13:28,140 --> 00:13:23,770
they leave the office that they report

286
00:13:31,950 --> 00:13:28,150
feeling better yeah absolutely and what

287
00:13:34,050 --> 00:13:31,960
I've tried to run to focus on in my book

288
00:13:36,030 --> 00:13:34,060

is that the placebo effect is it just

289

00:13:37,980 --> 00:13:36,040

something used to explain away the

290

00:13:41,250 --> 00:13:37,990

effect of alternative treatments the

291

00:13:45,540 --> 00:13:41,260

placebo effect is present at all kind of

292

00:13:48,780 --> 00:13:45,550

treatments even surgery so I give some

293

00:13:51,210 --> 00:13:48,790

examples from surgeries that have been

294

00:13:53,520 --> 00:13:51,220

done earlier or surgical procedures that

295

00:13:55,620 --> 00:13:53,530

used to be done and when they tested

296

00:13:57,600 --> 00:13:55,630

them in a controlled way they found that

297

00:13:59,940 --> 00:13:57,610

the effect actually was just a placebo

298

00:14:02,430 --> 00:13:59,950

effect and then they have stopped using

299

00:14:05,100 --> 00:14:02,440

those surgical treatments so I try to

300

00:14:07,590 --> 00:14:05,110

explain how this is a component of all

301

00:14:10,140 --> 00:14:07,600

kinds of treatments but the difference

302

00:14:12,319 --> 00:14:10,150

between what we call school medicine in

303

00:14:15,049 --> 00:14:12,329

Norway which is quite a bad word but

304

00:14:17,359 --> 00:14:15,059

a conventional medicine what what you

305

00:14:21,189 --> 00:14:17,369

want to call it and alternative medicine

306

00:14:23,989 --> 00:14:21,199

is that we actually try to eliminate the

307

00:14:26,210 --> 00:14:23,999

specific treatment effects like the

308

00:14:30,169 --> 00:14:26,220

placebo effects to find the real

309

00:14:32,059 --> 00:14:30,179

therapeutic effects that's the the big

310

00:14:34,069 --> 00:14:32,069

difference in thinking that we

311

00:14:36,139 --> 00:14:34,079

acknowledge that there is an app little

312

00:14:38,119 --> 00:14:36,149

[h__\h] perfect and that's all well and

313

00:14:40,759 --> 00:14:38,129

good if you can use it as a bonus effect

314

00:14:43,160 --> 00:14:40,769

but you can't base your treatment only

315

00:14:45,439 --> 00:14:43,170

on that and then many people ask okay

316

00:14:47,419 --> 00:14:45,449

why not why if people feel better why

317

00:14:51,259 --> 00:14:47,429

why isn't the placebo effect good enough

318

00:14:54,590 --> 00:14:51,269

and I used the last the part of my book

319

00:14:57,109 --> 00:14:54,600

to to go into the harms of alternative

320

00:15:00,139 --> 00:14:57,119

treatments and I try to see that this is

321

00:15:02,299 --> 00:15:00,149

when you balance it out and the positive

322

00:15:05,179 --> 00:15:02,309

effects and the negative effects it you

323

00:15:07,519 --> 00:15:05,189

can't really support alternative

324

00:15:10,220 --> 00:15:07,529

treatments even though there is surplus

325

00:15:13,369 --> 00:15:10,230

labor effects it's interesting is also

326

00:15:17,059 --> 00:15:13,379

an argument or have some discussion of

327

00:15:18,559 --> 00:15:17,069

whether it's ethical to use something

328

00:15:22,939 --> 00:15:18,569

that you know doesn't work but will

329

00:15:25,100 --> 00:15:22,949

deliver a placebo effect or as a doctor

330

00:15:27,530 --> 00:15:25,110

you should be upfront with your patient

331

00:15:30,679 --> 00:15:27,540

and say I'm going to try this but it has

332

00:15:33,229 --> 00:15:30,689

no physiological benefit but you might

333

00:15:36,619 --> 00:15:33,239

feel in your mind you're you're pure you

334

00:15:38,960 --> 00:15:36,629

feel some relief now it's quite

335

00:15:41,359 --> 00:15:38,970

difficult because I also go into the

336

00:15:44,569 --> 00:15:41,369

last part of my book I see how ordinary

337

00:15:46,970 --> 00:15:44,579

doctors use the placebo effect or use

338

00:15:49,429 --> 00:15:46,980

placebo treatments and they're being

339

00:15:51,710 --> 00:15:49,439

quite a lot of studies looking into that

340

00:15:54,679 --> 00:15:51,720

and it's quite interesting because of

341

00:15:57,259 --> 00:15:54,689

course some kind of of triggering the

342

00:15:59,229 --> 00:15:57,269

placebo effects is good like talking up

343

00:16:01,729 --> 00:15:59,239

the medicine if you can support it

344

00:16:04,369 --> 00:16:01,739

scientifically but telling the patient

345

00:16:07,519 --> 00:16:04,379

that this pill will have a good effect

346

00:16:09,679 --> 00:16:07,529

yes it's a good thing to do because it

347

00:16:12,079 --> 00:16:09,689

will probably boost the effects belittle

348

00:16:15,049 --> 00:16:12,089

the talking down the medicine on just

349

00:16:18,109 --> 00:16:15,059

focusing on the on the side effects for

350

00:16:20,419 --> 00:16:18,119

example although of course the patient

351
00:16:21,889 --> 00:16:20,429
should be informed we shouldn't overdo

352
00:16:24,109 --> 00:16:21,899
that because then you actually can

353
00:16:26,060 --> 00:16:24,119
trigger some side effects that wouldn't

354
00:16:28,520 --> 00:16:26,070
have been triggered otherwise

355
00:16:30,260 --> 00:16:28,530
so it's quite difficult to choose the

356
00:16:32,500 --> 00:16:30,270
right word and you have to talk up the

357
00:16:35,440 --> 00:16:32,510
medicine and you have to be honest and

358
00:16:38,300 --> 00:16:35,450
towards the patient but you shouldn't

359
00:16:40,160 --> 00:16:38,310
focus probably too much on the negative

360
00:16:41,870 --> 00:16:40,170
aspects because i also have a chapter in

361
00:16:44,210 --> 00:16:41,880
the book about the nocebo effect and

362
00:16:46,460 --> 00:16:44,220
talking about how this expectation of

363
00:16:48,920 --> 00:16:46,470

far more expectation of side effects can

364

00:16:51,620 --> 00:16:48,930

actually trigger some of this negative

365

00:16:53,210 --> 00:16:51,630

effects it isn't that interesting isn't

366

00:16:56,950 --> 00:16:53,220

that interesting and how long did it

367

00:17:01,670 --> 00:16:59,990

that's quite hard to answer because I

368

00:17:05,689 --> 00:17:01,680

signed a contract with the publishing

369

00:17:07,130 --> 00:17:05,699

company three years ago but i didn't use

370

00:17:08,569 --> 00:17:07,140

all that time right thing but you could

371

00:17:10,939 --> 00:17:08,579

also argue that probably i've been

372

00:17:13,160 --> 00:17:10,949

discussing this topic for almost 10

373

00:17:15,740 --> 00:17:13,170

years probably on the internet and i've

374

00:17:19,430 --> 00:17:15,750

been collecting knowledge about it for

375

00:17:21,050 --> 00:17:19,440

many many years so i've been effectively

376

00:17:23,449 --> 00:17:21,060

writing the book probably the last two

377

00:17:25,460 --> 00:17:23,459

years and just going through all the

378

00:17:28,640 --> 00:17:25,470

articles and hundreds of studies that

379

00:17:30,500 --> 00:17:28,650

I've collected and then written about

380

00:17:32,060 --> 00:17:30,510

earlier because i also have a skeptical

381

00:17:34,490 --> 00:17:32,070

blog and I've written quite a lot about

382

00:17:35,960 --> 00:17:34,500

this topic send my blog that's

383

00:17:37,820 --> 00:17:35,970

interesting and for the benefit of our

384

00:17:42,680 --> 00:17:37,830

listeners how where can they find your

385

00:17:44,690 --> 00:17:42,690

skeptical blog well if you google my

386

00:17:47,420 --> 00:17:44,700

name you'll find it the the domain name

387

00:17:52,430 --> 00:17:47,430

is actually my last name Chumlee it calm

388

00:17:53,990 --> 00:17:52,440

and I in Norway most skeptical people

389

00:17:57,410 --> 00:17:54,000

will know where to find that if you

390

00:17:59,270 --> 00:17:57,420

catch on real fine it's okay well well

391

00:18:02,210 --> 00:17:59,280

I'll put a link in the show notes so

392

00:18:04,970 --> 00:18:02,220

people can visit our website there and

393

00:18:09,370 --> 00:18:04,980

easily find that and who's publishing

394

00:18:12,100 --> 00:18:09,380

the book it's something called the human

395

00:18:16,040 --> 00:18:12,110

humanist so like in Norway which is a

396

00:18:18,280 --> 00:18:16,050

publishing division or company owned I

397

00:18:20,030 --> 00:18:18,290

think your sound at least the

398

00:18:24,950 --> 00:18:20,040

collaborating with the humanist

399

00:18:27,320 --> 00:18:24,960

association in Norway and is that easier

400

00:18:31,220 --> 00:18:27,330

book now available online people buy it

401
00:18:32,690 --> 00:18:31,230
online or is it in the books tools yeah

402
00:18:36,260 --> 00:18:32,700
you can find it online you can buy it

403
00:18:38,210 --> 00:18:36,270
directly from humanists for logic know

404
00:18:39,769 --> 00:18:38,220
the publishing company where you can get

405
00:18:41,869 --> 00:18:39,779
both the physical

406
00:18:45,440 --> 00:18:41,879
paper copy and you can also get

407
00:18:47,389 --> 00:18:45,450
electronic books in mobi and epub files

408
00:18:49,940 --> 00:18:47,399
but you can also find it on iTunes if

409
00:18:53,119 --> 00:18:49,950
you search up my name look up my name or

410
00:18:54,560 --> 00:18:53,129
search for the placebo effect and you

411
00:18:58,070 --> 00:18:54,570
can also find that in bookstores and

412
00:19:01,789 --> 00:18:58,080
online bookstores and at the moment is

413
00:19:05,749 --> 00:19:01,799

is the book only in Norwegian yeah it's

414

00:19:09,560 --> 00:19:05,759

only a Norwegian okay any plans to have

415

00:19:14,209 --> 00:19:09,570

it translated into English well if we

416

00:19:15,799 --> 00:19:14,219

get a huge stop an email campaign to the

417

00:19:17,389 --> 00:19:15,809

publishing company maybe though they

418

00:19:20,149 --> 00:19:17,399

want to translate it but there are no

419

00:19:22,249 --> 00:19:20,159

concrete plans for that moment another

420

00:19:23,779 --> 00:19:22,259

thing it's popular for authors to do now

421

00:19:26,959 --> 00:19:23,789

and I don't know if this is crossed your

422

00:19:30,200 --> 00:19:26,969

mind is a lot of authors will read their

423

00:19:32,919 --> 00:19:30,210

books and sell the the audio file online

424

00:19:35,149 --> 00:19:32,929

it's something you might even consider

425

00:19:37,009 --> 00:19:35,159

yeah that's actually been quite a lot of

426

00:19:40,789 --> 00:19:37,019

requests the people want an audio

427

00:19:42,499 --> 00:19:40,799

version of the book and maybe that maybe

428

00:19:44,989 --> 00:19:42,509

we should do something I thought I don't

429

00:19:46,729 --> 00:19:44,999

know that that might be an option well

430

00:19:48,919 --> 00:19:46,739

speaking personally I've read many books

431

00:19:50,450 --> 00:19:48,929

but I must be candid with you and say

432

00:19:52,549 --> 00:19:50,460

that when I say I've read many books

433

00:19:54,589 --> 00:19:52,559

I've actually listened to many books

434

00:19:56,779 --> 00:19:54,599

because i absorb information far better

435

00:19:59,079 --> 00:19:56,789

through my ears than my eyes I think

436

00:20:01,310 --> 00:19:59,089

it's always enjoyable to hear an author

437

00:20:03,379 --> 00:20:01,320

read their book because they've got that

438

00:20:05,239 --> 00:20:03,389

extra passion and knowledge I guess you

439

00:20:06,499 --> 00:20:05,249

could say well it's been wonderful to

440

00:20:09,109 --> 00:20:06,509

chat with you I wish you every success

441

00:20:12,019 --> 00:20:09,119

with your book the placebo defect sounds

442

00:20:13,820 --> 00:20:12,029

interesting I might even hold my breath

443

00:20:16,159 --> 00:20:13,830

and wait till it comes out in English so

444

00:20:18,259 --> 00:20:16,169

I can enjoy it too but for our Norwegian

445

00:20:20,570 --> 00:20:18,269

listeners and we have many listeners in

446

00:20:24,769 --> 00:20:20,580

Norway I hope they run to the website

447

00:20:27,589 --> 00:20:24,779

and discover your fascinating book but

448

00:20:49,390 --> 00:20:27,599

for now thank you for joining us on the

449

00:20:53,510 --> 00:20:51,890

hey this is Jay novella from the

450

00:20:55,460 --> 00:20:53,520

skeptics guide to the universe podcast

451
00:20:57,290 --> 00:20:55,470
did you know that there are thousands of

452
00:20:59,000 --> 00:20:57,300
skeptical reports interviews and

453
00:21:01,730 --> 00:20:59,010
investigations going back to nineteen

454
00:21:05,600 --> 00:21:01,740
eighty one free to download just visit w

455
00:21:07,310 --> 00:21:05,610
WC eptic coa you click the publications

456
00:21:09,020 --> 00:21:07,320
link and enjoy almost every back issue

457
00:21:10,820 --> 00:21:09,030
of the skeptic the journal from

458
00:21:12,380 --> 00:21:10,830
australian skeptics you can also

459
00:21:14,660 --> 00:21:12,390
subscribe online and get the latest

460
00:21:16,670 --> 00:21:14,670
digital or hard copy of this the world's

461
00:21:20,360 --> 00:21:16,680
second oldest skeptical magazine that's

462
00:21:32,570 --> 00:21:20,370
ww skeptics com a you or just google

463
00:21:34,910 --> 00:21:32,580

australian skeptics welcome to a week in

464

00:21:37,520 --> 00:21:34,920

science from our iOS bringing you the

465

00:21:39,920 --> 00:21:37,530

science news you need to know this week

466

00:21:42,770 --> 00:21:39,930

in science we saw challenging human

467

00:21:49,280 --> 00:21:42,780

evolution one flu jab to rule them all

468

00:21:55,560 --> 00:21:53,040

has the analysis of a 1.8 million year

469

00:21:58,140 --> 00:21:55,570

old skull turned our understanding of

470

00:22:00,210 --> 00:21:58,150

human evolution on its head the skull of

471

00:22:02,970 --> 00:22:00,220

a human ancestor was found with four

472

00:22:04,680 --> 00:22:02,980

others in Georgia and combines physical

473

00:22:07,520 --> 00:22:04,690

features that are generally used to

474

00:22:09,600 --> 00:22:07,530

distinguish between different species

475

00:22:11,400 --> 00:22:09,610

researchers suggests that fossils

476

00:22:14,370 --> 00:22:11,410

previously classified as separate

477

00:22:15,540 --> 00:22:14,380

species may in fact all be the same but

478

00:22:18,270 --> 00:22:15,550

displaying different physical

479

00:22:20,490 --> 00:22:18,280

appearances just like modern humans this

480

00:22:22,920 --> 00:22:20,500

has been viewed with skepticism by many

481

00:22:27,540 --> 00:22:22,930

other archaeologists who say that it is

482

00:22:30,540 --> 00:22:27,550

a dramatic over interpretation we may be

483

00:22:33,600 --> 00:22:30,550

one step closer to one jab that protects

484

00:22:35,940 --> 00:22:33,610

us against all strains of the flu when

485

00:22:38,100 --> 00:22:35,950

you get a flu vaccine your body produces

486

00:22:41,010 --> 00:22:38,110

antibodies that are specific to that

487

00:22:43,590 --> 00:22:41,020

particular virus strain meaning you need

488

00:22:46,110 --> 00:22:43,600

a new jab every year as the virus

489

00:22:48,540 --> 00:22:46,120

mutates to tackle this researchers

490

00:22:51,090 --> 00:22:48,550

injected mice with a drug that stops

491

00:22:53,520 --> 00:22:51,100

your body from producing virus specific

492

00:22:55,830 --> 00:22:53,530

antibodies when used together with the

493

00:22:58,050 --> 00:22:55,840

vaccine the mice produce more general

494

00:23:00,540 --> 00:22:58,060

antibodies that protected them against

495

00:23:02,820 --> 00:23:00,550

several flu viruses at once you're

496

00:23:05,880 --> 00:23:02,830

listening to a week in science from our

497

00:23:10,410 --> 00:23:05,890

IRS and now for size headlines in 30

498

00:23:12,600 --> 00:23:10,420

seconds researchers have developed small

499

00:23:15,000 --> 00:23:12,610

medical implants containing cells which

500

00:23:17,490 --> 00:23:15,010

are activated by light to increase

501
00:23:19,890 --> 00:23:17,500
insulin production a child's level of

502
00:23:22,590 --> 00:23:19,900
math skills are evident at six months of

503
00:23:24,210 --> 00:23:22,600
age gum trees absorb gold particles

504
00:23:26,460 --> 00:23:24,220
through their roots which are then

505
00:23:29,280 --> 00:23:26,470
deposited in their leaves meaning gold

506
00:23:31,770 --> 00:23:29,290
literally does grow on trees and good

507
00:23:34,170 --> 00:23:31,780
news for baldies researchers have grown

508
00:23:37,200 --> 00:23:34,180
human hair follicles for the first time

509
00:23:41,040 --> 00:23:37,210
the bad news is the skin used came from

510
00:23:43,020 --> 00:23:41,050
circumsized for skins did you know that

511
00:23:46,320 --> 00:23:43,030
a week in science is now available on

512
00:23:48,330 --> 00:23:46,330
itunes youtube vimeo and various sites

513
00:23:51,510 --> 00:23:48,340

around the world including sciencealert

514

00:23:53,880 --> 00:23:51,520

cosmos magazine and sustainability TV

515

00:23:56,310 --> 00:23:53,890

you can also hear a week in science on

516

00:23:58,380 --> 00:23:56,320

the skeptic zone podcast as well as

517

00:24:00,840 --> 00:23:58,390

around Australia on the commune

518

00:24:03,120 --> 00:24:00,850

Radio Network tell your friends there's

519

00:24:06,090 --> 00:24:03,130

no reason not to get their science news

520

00:24:17,600 --> 00:24:06,100

fix each week that was a week in science

521

00:24:17,610 --> 00:24:21,850

you

522

00:24:25,990 --> 00:24:24,430

this is ben Radford I'm deputy editor of

523

00:24:28,060 --> 00:24:26,000

skeptical inquirer science magazine

524

00:24:29,980 --> 00:24:28,070

author of six books including tracking

525

00:24:37,660 --> 00:24:29,990

chupacabra and you can find out more

526

00:24:40,630 --> 00:24:37,670

about me at Benjamin Radford com join us

527

00:24:47,600 --> 00:24:40,640

now for drinking skeptically in the

528

00:24:52,669 --> 00:24:50,690

noted a little numbing campania so

529

00:24:54,169 --> 00:24:52,679

little knowing tins cousin I think I'm

530

00:24:55,850 --> 00:24:54,179

big not until after the meal on have

531

00:24:57,620 --> 00:24:55,860

your big nomming t'en well I'd like to

532

00:24:59,810 --> 00:24:57,630

welcome you big normington and all the

533

00:25:01,460 --> 00:24:59,820

other knowing tins in the room to the to

534

00:25:05,780 --> 00:25:01,470

the think tank in the storage room

535

00:25:08,510 --> 00:25:05,790

cheers everybody and echoey cheers

536

00:25:10,190 --> 00:25:08,520

richard yes we have discovered a little

537

00:25:11,930 --> 00:25:10,200

storage room in our favorite club down

538

00:25:14,510 --> 00:25:11,940

the end of the street because the room

539

00:25:17,180 --> 00:25:14,520

we wanted to use has lovely elevator

540

00:25:19,430 --> 00:25:17,190

music dr. H loud elevator music Richard

541

00:25:20,870 --> 00:25:19,440

it's good to see you because um we were

542

00:25:22,820 --> 00:25:20,880

worried that Marcos was gonna break into

543

00:25:26,299 --> 00:25:22,830

capoeira or something during the podcast

544

00:25:30,830 --> 00:25:26,309

so we have some special guests tonight

545

00:25:35,080 --> 00:25:30,840

we have Marcos hello Marcus oh hi hi how

546

00:25:37,370 --> 00:25:35,090

are you he says with a beer in his hand

547

00:25:39,970 --> 00:25:37,380

moving his arms in a way that says I

548

00:25:42,520 --> 00:25:39,980

have no idea what I'm supposed to do now

549

00:25:46,669 --> 00:25:42,530

yeah we just make it up as you go along

550

00:25:48,590 --> 00:25:46,679

okay and none of the voice you know so

551

00:25:50,390 --> 00:25:48,600

well it runs to give hello around hello

552

00:25:53,780 --> 00:25:50,400

written with your paper you got a new

553

00:25:59,060 --> 00:25:53,790

watch yes it's a pebble a pebble this

554

00:26:01,340 --> 00:25:59,070

watch has apps he talks to my phone my

555

00:26:03,770 --> 00:26:01,350

phone talks to it actually I talk to

556

00:26:06,140 --> 00:26:03,780

both of them you know I kind of learn by

557

00:26:09,260 --> 00:26:06,150

my friends you know they say you're

558

00:26:13,010 --> 00:26:09,270

gonna say that I'm a geek no medication

559

00:26:14,810 --> 00:26:13,020

for that it's okay and somebody who

560

00:26:16,850 --> 00:26:14,820

knows about medication Joanne better

561

00:26:19,010 --> 00:26:16,860

move hi Richard your medicating yourself

562

00:26:23,480 --> 00:26:19,020

at the moment if you consider diet coke

563

00:26:25,549 --> 00:26:23,490

medication and also joining us tonight

564

00:26:27,080 --> 00:26:25,559

is somebody who comes along to skeptics

565

00:26:29,510 --> 00:26:27,090

in the pub here in Sydney it's Margo

566

00:26:31,430 --> 00:26:29,520

dentate hello maverick hi you know great

567

00:26:33,230 --> 00:26:31,440

to have you along here I hope you're not

568

00:26:37,940 --> 00:26:33,240

too shocked by the fact we are actually

569

00:26:39,919 --> 00:26:37,950

in a storage yeah this is yes didn't

570

00:26:42,049 --> 00:26:39,929

expect this I have pretending we're in a

571

00:26:43,400 --> 00:26:42,059

bomb shelter or something it's like that

572

00:26:46,010 --> 00:26:43,410

but you must remember that Margaret

573

00:26:48,020 --> 00:26:46,020

actually inadvertently proposed that the

574

00:26:49,400 --> 00:26:48,030

next one will be at her place so well it

575

00:26:50,460 --> 00:26:49,410

would be a little bit more comfortable I

576

00:26:53,220 --> 00:26:50,470

think

577

00:26:54,779 --> 00:26:53,230

yeah oh it's not too bad it's not too

578

00:26:56,130 --> 00:26:54,789

bad the restaurant was particularly

579

00:27:00,659 --> 00:26:56,140

noisy tonight that was Richards

580

00:27:03,570 --> 00:27:00,669

cognitive dissonance can you using those

581

00:27:04,860 --> 00:27:03,580

big words with me Joe and Benham ooh and

582

00:27:07,230 --> 00:27:04,870

it's really nice to have another think

583

00:27:10,320 --> 00:27:07,240

tank don't you think dr. AG the spent

584

00:27:11,520 --> 00:27:10,330

ages hasn't it dr. Richards it's been a

585

00:27:12,720 --> 00:27:11,530

long time I guess we've all been pretty

586

00:27:14,279 --> 00:27:12,730

busy I don't know about you guys but

587

00:27:16,289 --> 00:27:14,289

I've been frantic you've been really

588

00:27:18,419 --> 00:27:16,299

busy had my head up my bum or something

589

00:27:21,210 --> 00:27:18,429

I don't know is this being mental and

590

00:27:23,279 --> 00:27:21,220

and you were part of the evacuation at

591

00:27:24,930 --> 00:27:23,289

UTS the other day oh not really bad I

592

00:27:27,570 --> 00:27:24,940

didn't meet a friend of mine on the

593

00:27:29,070 --> 00:27:27,580

street actually who for a long time has

594

00:27:31,140 --> 00:27:29,080

been working in building 10 which is

595

00:27:33,090 --> 00:27:31,150

about two buildings over from me and

596

00:27:34,470 --> 00:27:33,100

we've never bothered to catch up for

597

00:27:36,029 --> 00:27:34,480

coffee or anything I've been there for

598

00:27:39,180 --> 00:27:36,039

over a year and we were in the street

599

00:27:41,370 --> 00:27:39,190

getting evacuated and we met up sorry hi

600

00:27:45,419 --> 00:27:41,380

John if you're listening where you going

601
00:27:46,799 --> 00:27:45,429
how about that well over the last couple

602
00:27:48,360 --> 00:27:46,809
of weeks out there have been some very

603
00:27:51,810 --> 00:27:48,370
prominent issues come to our attention

604
00:27:53,190 --> 00:27:51,820
in the skeptical sort of realm of things

605
00:27:54,930 --> 00:27:53,200
especially to do with so-called

606
00:27:58,440 --> 00:27:54,940
alternative medicine so why don't we

607
00:28:03,659 --> 00:27:58,450
kick off with you dr. AG a couple of

608
00:28:06,649 --> 00:28:03,669
days ago last weekend there was one of

609
00:28:09,570 --> 00:28:06,659
these false balance so-called debates on

610
00:28:11,669 --> 00:28:09,580
television which we're somewhat i'm

611
00:28:13,649 --> 00:28:11,679
happy about yeah look I was livid and

612
00:28:16,860 --> 00:28:13,659
there aren't even enough swear words in

613
00:28:19,860 --> 00:28:16,870

the dictionary on a thur Thoris to cover

614

00:28:21,090 --> 00:28:19,870

hal david i was i had the preparation

615

00:28:23,220 --> 00:28:21,100

he'll be worried about me and i had a

616

00:28:24,870 --> 00:28:23,230

friend just calling my mobile constantly

617

00:28:26,669 --> 00:28:24,880

and I correct fuse to answer the phone

618

00:28:28,830 --> 00:28:26,679

this is of course appearance of a

619

00:28:32,700 --> 00:28:28,840

merrill dory I i I've actually seen it

620

00:28:34,529 --> 00:28:32,710

quite so shouting for well you know it

621

00:28:38,700 --> 00:28:34,539

was that bad that Joe used to swear word

622

00:28:41,580 --> 00:28:38,710

it's sure nice she used to swear twice

623

00:28:42,899 --> 00:28:41,590

good heavens so in summary of what

624

00:28:45,630 --> 00:28:42,909

happened here people who may not know

625

00:28:47,250 --> 00:28:45,640

yeah and there was a morning breakfast

626
00:28:48,690 --> 00:28:47,260
television program on a Saturday morning

627
00:28:50,460 --> 00:28:48,700
that decided they would have a great

628
00:28:53,399 --> 00:28:50,470
rack summation debate which is something

629
00:28:55,500 --> 00:28:53,409
we've been working on quashing from the

630
00:28:57,680 --> 00:28:55,510
media for a number of years and been

631
00:29:00,899 --> 00:28:57,690
working very hard to do that actually

632
00:29:03,029 --> 00:29:00,909
and so that was featured merrill dory

633
00:29:08,669 --> 00:29:03,039
and unfortunately our professor of

634
00:29:11,399 --> 00:29:08,679
pediatrics and infectious disease so it

635
00:29:13,529 --> 00:29:11,409
was at the timing of it was also pretty

636
00:29:15,180 --> 00:29:13,539
poor and I sort of took it a bit

637
00:29:17,609 --> 00:29:15,190
personally even though I'm sure it

638
00:29:19,519 --> 00:29:17,619

wasn't and it absolutely wasn't but

639

00:29:22,019 --> 00:29:19,529

because the wednesday before it happened

640

00:29:24,200 --> 00:29:22,029

an article of mine had been published in

641

00:29:26,609 --> 00:29:24,210

The Guardian with the headline

642

00:29:29,489 --> 00:29:26,619

anti-vaxxers should not have a say in

643

00:29:32,940 --> 00:29:29,499

the mainstream media and then to have on

644

00:29:35,099 --> 00:29:32,950

Saturday this debate which was the same

645

00:29:37,979 --> 00:29:35,109

old tired of stuff that the mainstream

646

00:29:40,919 --> 00:29:37,989

media pulls out you know they have the

647

00:29:42,119 --> 00:29:40,929

professor of pediatrics and who says

648

00:29:45,389 --> 00:29:42,129

something and then they have Merrill

649

00:29:49,139 --> 00:29:45,399

also touted as an expert so yes you know

650

00:29:51,899 --> 00:29:49,149

the super said experts debate yeah young

651
00:29:55,619 --> 00:29:51,909
as if there was you know equal equal

652
00:29:58,259 --> 00:29:55,629
validity to their to their expertise but

653
00:30:00,269 --> 00:29:58,269
unfortunately that the implications of

654
00:30:04,320 --> 00:30:00,279
that were not just just like two or

655
00:30:06,330 --> 00:30:04,330
three minutes on television and the back

656
00:30:08,899 --> 00:30:06,340
channels in places like social media and

657
00:30:11,729 --> 00:30:08,909
other places it's revitalized the avian

658
00:30:13,169 --> 00:30:11,739
in it in a way and they've been

659
00:30:15,269 --> 00:30:13,179
extremely quiet for quite some time

660
00:30:17,399 --> 00:30:15,279
we're currently waiting on the outcome

661
00:30:20,629 --> 00:30:17,409
of several investigations from several

662
00:30:23,279 --> 00:30:20,639
government acronyms one of which is the

663
00:30:24,989 --> 00:30:23,289

directive to change their name mm-hmm

664

00:30:27,119 --> 00:30:24,999

which is coming up in the next six weeks

665

00:30:28,889 --> 00:30:27,129

I think about time that's been going on

666

00:30:30,539 --> 00:30:28,899

for a deadline six months for a decision

667

00:30:33,419 --> 00:30:30,549

and the six months will be up in a

668

00:30:36,060 --> 00:30:33,429

little while so they've gone to ground

669

00:30:39,389 --> 00:30:36,070

essentially this has not only revitalize

670

00:30:41,249 --> 00:30:39,399

her ego a wise and also to she now

671

00:30:42,570 --> 00:30:41,259

thinks she's she's back in the game and

672

00:30:45,690 --> 00:30:42,580

she mentioned something about my

673

00:30:47,999 --> 00:30:45,700

television career on Facebook but it's

674

00:30:50,759 --> 00:30:48,009

also it's revitalized her followers but

675

00:30:52,349 --> 00:30:50,769

I think the reason I and others were so

676

00:30:55,229 --> 00:30:52,359

angry about it is not just because of

677

00:30:57,259 --> 00:30:55,239

the false balancing but because behind

678

00:30:59,759 --> 00:30:57,269

the scenes we saw a lot of parents who

679

00:31:03,839 --> 00:30:59,769

have been at the receiving end of the

680

00:31:05,639 --> 00:31:03,849

nasty vicious horribleness that comes

681

00:31:08,339 --> 00:31:05,649

from avian and their supporters yeah and

682

00:31:09,930 --> 00:31:08,349

they were saying things like all now

683

00:31:12,340 --> 00:31:09,940

she's back on television it's like a

684

00:31:14,850 --> 00:31:12,350

twist of the knife into my heart again

685

00:31:17,650 --> 00:31:14,860

reminds me of what I had to go through

686

00:31:19,090 --> 00:31:17,660

when she was sending her home followers

687

00:31:21,490 --> 00:31:19,100

were sending letters and writing blogs

688

00:31:23,409 --> 00:31:21,500

about us and yeah so is those people

689

00:31:25,930 --> 00:31:23,419

that that actually suffer from his kind

690

00:31:29,650 --> 00:31:25,940

of stuff and this is what made me so

691

00:31:33,070 --> 00:31:29,660

angry was that this that somebody agreed

692

00:31:36,279 --> 00:31:33,080

to do this from the provac side when it

693

00:31:37,870 --> 00:31:36,289

wasn't necessary and apparently they

694

00:31:40,510 --> 00:31:37,880

didn't understand the implications of

695

00:31:43,150 --> 00:31:40,520

doing it and what they don't realize is

696

00:31:44,830 --> 00:31:43,160

that this creates a ripple effect when

697

00:31:46,720 --> 00:31:44,840

this sort of thing happens which then we

698

00:31:48,549 --> 00:31:46,730

have to work with and work on for months

699

00:31:50,169 --> 00:31:48,559

and months and months to try and weight

700

00:31:54,870 --> 00:31:50,179

and my it sort of this understanding

701
00:31:58,149 --> 00:31:54,880
that if you have an expert to counter a

702
00:32:02,140 --> 00:31:58,159
crank then the public are then going to

703
00:32:04,350 --> 00:32:02,150
be able to see that what's being said by

704
00:32:07,330 --> 00:32:04,360
someone like Meryl Dory is nonsense

705
00:32:08,980 --> 00:32:07,340
whereas in fact it doesn't work that way

706
00:32:10,149 --> 00:32:08,990
and it's why for example one of the

707
00:32:12,520 --> 00:32:10,159
examples I've heard in the last few days

708
00:32:14,409 --> 00:32:12,530
is Richard Dawkins who refuses to debate

709
00:32:16,570 --> 00:32:14,419
creations right so many years and in

710
00:32:18,220 --> 00:32:16,580
fact the quote was you know what did say

711
00:32:21,029 --> 00:32:18,230
them is that that would be great on your

712
00:32:24,460 --> 00:32:21,039
CV but not so good online actually I

713
00:32:26,020 --> 00:32:24,470

think it's kind of you know it's very

714

00:32:29,200 --> 00:32:26,030

eat and I can kind of understand though

715

00:32:30,820 --> 00:32:29,210

how you know one would think well no we

716

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

have to be there we have to counter what

717

00:32:34,750 --> 00:32:32,840

these people are saying but it does it

718

00:32:37,149 --> 00:32:34,760

sets up that false but it also makes

719

00:32:40,720 --> 00:32:37,159

them more difficult for us because in

720

00:32:42,640 --> 00:32:40,730

Australia if if television stations or

721

00:32:45,279 --> 00:32:42,650

media do things like that if they if

722

00:32:47,640 --> 00:32:45,289

they perpetuate or or provide a platform

723

00:32:49,930 --> 00:32:47,650

for false information we can go to

724

00:32:51,730 --> 00:32:49,940

complaints people we can make complaints

725

00:32:55,600 --> 00:32:51,740

and they can actually get sanctioned for

726

00:32:58,149 --> 00:32:55,610

that so but if there is an expert also

727

00:33:00,850 --> 00:32:58,159

there the then the complaints department

728

00:33:02,799 --> 00:33:00,860

see that as well no I'm sorry because we

729

00:33:04,510 --> 00:33:02,809

provide balance we provided an expert

730

00:33:06,669 --> 00:33:04,520

there to refute those claims so you have

731

00:33:09,909 --> 00:33:06,679

no grounds to complain so in fact it's

732

00:33:11,950 --> 00:33:09,919

worse having somebody else on there as

733

00:33:14,710 --> 00:33:11,960

an is actually a scientist or a doctor

734

00:33:16,539 --> 00:33:14,720

than just having her on and not only

735

00:33:18,279 --> 00:33:16,549

that not only from the perspective of

736

00:33:21,669 --> 00:33:18,289

complaining and successfully getting

737

00:33:23,409 --> 00:33:21,679

these people sanctioned we know from

738

00:33:24,909 --> 00:33:23,419

evidence now there is at the paper that

739

00:33:26,109 --> 00:33:24,919

and this is the thing that made me just

740

00:33:29,079 --> 00:33:26,119

so stabby on Saturday

741

00:33:31,509 --> 00:33:29,089

it was because this freaking paper that

742

00:33:34,559 --> 00:33:31,519

was published in april this year which i

743

00:33:37,719 --> 00:33:34,569

wrote up in the guardian on wednesday

744

00:33:41,169 --> 00:33:37,729

and was available to everybody to read

745

00:33:42,789 --> 00:33:41,179

getting shouting but this is you know

746

00:33:44,829 --> 00:33:42,799

it's not like this information is locked

747

00:33:46,299 --> 00:33:44,839

behind paywalls or you know people can't

748

00:33:49,029 --> 00:33:46,309

see it and it was there and it's out

749

00:33:51,129 --> 00:33:49,039

there and so it's not just we know from

750

00:33:52,869 --> 00:33:51,139

that sort of research that these kind of

751
00:33:54,969 --> 00:33:52,879
debates are actually worse and having an

752
00:33:58,299 --> 00:33:54,979
anti backs are there because as general

753
00:34:00,249 --> 00:33:58,309
leader to it it instills in people's

754
00:34:01,749 --> 00:34:00,259
minds that there is true the conflict

755
00:34:03,369 --> 00:34:01,759
amongst experts that there is true

756
00:34:05,469 --> 00:34:03,379
debate especially when one of those

757
00:34:07,569 --> 00:34:05,479
complete cranks is labeled as an expert

758
00:34:09,489 --> 00:34:07,579
yeah and I meaning if you look at the

759
00:34:12,159 --> 00:34:09,499
scientific evidence there's no debate

760
00:34:14,619 --> 00:34:12,169
among scientists about the safety it was

761
00:34:16,480 --> 00:34:14,629
easy television and and the anti-vaxxers

762
00:34:18,849 --> 00:34:16,490
have the benefit of not needing to

763
00:34:19,869 --> 00:34:18,859

actually have darts our information you

764

00:34:21,669 --> 00:34:19,879

know they're just because whatever you

765

00:34:23,769 --> 00:34:21,679

want yeah so you know there's that

766

00:34:25,149 --> 00:34:23,779

saying about don't ever argue with an

767

00:34:26,230 --> 00:34:25,159

idiot because they'll drag you down to

768

00:34:28,180 --> 00:34:26,240

their level and beat you with experience

769

00:34:32,619 --> 00:34:28,190

but that's exactly what they do they

770

00:34:35,559 --> 00:34:32,629

mean they have they have an arsenal that

771

00:34:37,749 --> 00:34:35,569

that our side can't use of just being

772

00:34:40,329 --> 00:34:37,759

able yeah yeah but also there's another

773

00:34:42,369 --> 00:34:40,339

saying about arguing it came from

774

00:34:44,349 --> 00:34:42,379

arguing with creationist and the saying

775

00:34:45,669 --> 00:34:44,359

is it's like playing chess with a pigeon

776

00:34:47,729 --> 00:34:45,679

they [h__\h] all over the board not the

777

00:34:50,259 --> 00:34:47,739

pieces i can fly home to say they want

778

00:34:54,190 --> 00:34:50,269

which are particular like no this is a

779

00:34:55,839 --> 00:34:54,200

very unusual isn't it and you know i

780

00:34:57,460 --> 00:34:55,849

think that applies extremely walter the

781

00:35:00,249 --> 00:34:57,470

anti-vaxxers wouldn't you say Joe oh

782

00:35:02,710 --> 00:35:00,259

absolutely absolutely this Admiral

783

00:35:04,569 --> 00:35:02,720

Torrey actually sort of appealed to to

784

00:35:06,670 --> 00:35:04,579

you know the audience something she has

785

00:35:08,890 --> 00:35:06,680

some sort charisma or whatever in the

786

00:35:12,460 --> 00:35:08,900

media so and that's a there must be hard

787

00:35:15,960 --> 00:35:12,470

to you know for somebody to she's got to

788

00:35:18,120 --> 00:35:15,970

impart go against you so kindly aren't

789

00:35:19,950 --> 00:35:18,130

ya

790

00:35:21,570 --> 00:35:19,960

we want to explore both sides and the

791

00:35:24,120 --> 00:35:21,580

are doing and also that the point is

792

00:35:27,480 --> 00:35:24,130

she's a mum and she's got a vaccine

793

00:35:29,070 --> 00:35:27,490

injured child other allegedly so of

794

00:35:31,110 --> 00:35:29,080

course she's got the emotive side to

795

00:35:33,450 --> 00:35:31,120

appeal to and we also know from research

796

00:35:35,520 --> 00:35:33,460

that white coats and graphs and science

797

00:35:38,070 --> 00:35:35,530

and facts do not appeal to people's

798

00:35:43,830 --> 00:35:38,080

emotional side so we know from a lot of

799

00:35:45,810 --> 00:35:43,840

social research that just can just using

800

00:35:48,120 --> 00:35:45,820

the facts on people or trying to debate

801
00:35:50,190 --> 00:35:48,130
based with science doesn't work each

802
00:35:52,110 --> 00:35:50,200
other story you need to tell a story

803
00:35:54,630 --> 00:35:52,120
needs to be compelling human story yeah

804
00:35:57,600 --> 00:35:54,640
and that's what Meryl has she has that

805
00:35:59,250 --> 00:35:57,610
my child was sticky 1994 by the robot

806
00:36:01,200 --> 00:35:59,260
and she said mom people can relate to

807
00:36:03,480 --> 00:36:01,210
and she's just like another person on

808
00:36:08,790 --> 00:36:03,490
the street yeah yeah exactly like

809
00:36:10,740 --> 00:36:08,800
another person she was another person on

810
00:36:12,180 --> 00:36:10,750
sweetie she couldn't be less qualified

811
00:36:15,570 --> 00:36:12,190
than the average person in the street

812
00:36:17,760 --> 00:36:15,580
she finished high school is like the

813
00:36:19,050 --> 00:36:17,770

brain yeah she's a brain you and I were

814

00:36:24,380 --> 00:36:19,060

both there that they weren't we yeah

815

00:36:26,820 --> 00:36:24,390

channel 71 that three years yeah for you

816

00:36:28,890 --> 00:36:26,830

okay that's where we met faster cheaper

817

00:36:30,600 --> 00:36:28,900

yeah well it's long yeah yeah there we

818

00:36:32,730 --> 00:36:30,610

will you me right bag and some other

819

00:36:35,160 --> 00:36:32,740

people over here and I guess that's the

820

00:36:36,300 --> 00:36:35,170

other point too is that you mentioned

821

00:36:39,000 --> 00:36:36,310

that we've been doing this for a long

822

00:36:41,340 --> 00:36:39,010

time and it only takes one of these

823

00:36:44,220 --> 00:36:41,350

things to really put us back in quite a

824

00:36:46,670 --> 00:36:44,230

long way so we really need to be

825

00:36:50,070 --> 00:36:46,680

diligent about this and we hope that

826

00:36:52,890 --> 00:36:50,080

people don't do this stuff again because

827

00:36:55,620 --> 00:36:52,900

I mean as I said to somebody on the

828

00:36:57,690 --> 00:36:55,630

weekend you know for me I get abused but

829

00:36:59,970 --> 00:36:57,700

for doing this stuff but I can walk away

830

00:37:01,830 --> 00:36:59,980

from this I can stop lobbying the media

831

00:37:03,690 --> 00:37:01,840

I can stop writing articles i can stop

832

00:37:05,430 --> 00:37:03,700

writing blogs and then the trolls will

833

00:37:07,020 --> 00:37:05,440

fall away eventually and it will just go

834

00:37:08,790 --> 00:37:07,030

back to normal but there are some people

835

00:37:11,010 --> 00:37:08,800

that can't do that and those are the

836

00:37:12,990 --> 00:37:11,020

people whose kids were injured or died

837

00:37:15,150 --> 00:37:13,000

from vaccine-preventable diseases they

838

00:37:16,740 --> 00:37:15,160

cannot walk away from this and so that's

839

00:37:19,530 --> 00:37:16,750

why we're here to fight for them and so

840

00:37:21,120 --> 00:37:19,540

when we have someone on our side give us

841

00:37:23,069 --> 00:37:21,130

a slap across of the side of the head

842

00:37:26,279 --> 00:37:23,079

it's very disheartening it is

843

00:37:29,160 --> 00:37:26,289

yeah well it's interesting you um you

844

00:37:31,249 --> 00:37:29,170

mentioned the word back there because

845

00:37:34,410 --> 00:37:31,259

that that's just to a very strange segue

846

00:37:37,319 --> 00:37:34,420

its a mix egg laid under next topic

847

00:37:40,890 --> 00:37:37,329

which is the recent story in controversy

848

00:37:43,709 --> 00:37:40,900

about chiropractic job enema yes I'm you

849

00:37:46,319 --> 00:37:43,719

might have heard in the papers over the

850

00:37:50,160 --> 00:37:46,329

last few weeks a pediatrician by the

851
00:37:52,499 --> 00:37:50,170
name of dr. Chris Pappas reported to

852
00:37:55,049 --> 00:37:52,509
opera which is the Australian health

853
00:37:57,420 --> 00:37:55,059
practitioner regulation authority would

854
00:38:00,059 --> 00:37:57,430
have been in 2012 I think he put the

855
00:38:03,930 --> 00:38:00,069
report in he had treated a four month

856
00:38:05,549 --> 00:38:03,940
old baby who presented an emergency

857
00:38:11,849 --> 00:38:05,559
department of a hospital in Melbourne

858
00:38:14,940 --> 00:38:11,859
with a fractured neck and the baby had

859
00:38:17,549 --> 00:38:14,950
received chiropractic treatment two days

860
00:38:20,130 --> 00:38:17,559
before this presentation Crocs Papa

861
00:38:21,809 --> 00:38:20,140
slobs this complaint and the

862
00:38:25,859 --> 00:38:21,819
chiropractic board conducted an

863
00:38:27,390 --> 00:38:25,869

investigation into this and it recently

864

00:38:30,150 --> 00:38:27,400

came out of the media that this had

865

00:38:33,630 --> 00:38:30,160

happened now what what's been terribly

866

00:38:35,849 --> 00:38:33,640

distressing about this event is that it

867

00:38:38,309 --> 00:38:35,859

began just as this report about this

868

00:38:41,459 --> 00:38:38,319

serves this adverse event this baby

869

00:38:43,349 --> 00:38:41,469

suffering this injury it's become a way

870

00:38:47,039 --> 00:38:43,359

for the chiropractor's Association of

871

00:38:49,829 --> 00:38:47,049

Australia to basically go into damage

872

00:38:53,729 --> 00:38:49,839

control because they see it as an attack

873

00:38:55,559 --> 00:38:53,739

on chiropractic to merely even question

874

00:38:57,809 --> 00:38:55,569

that they could possibly be an adverse

875

00:39:00,630 --> 00:38:57,819

event associated with chiropractic care

876

00:39:02,870 --> 00:39:00,640

five years doing yes five years five

877

00:39:06,749 --> 00:39:02,880

years at University they spend Richard

878

00:39:09,150 --> 00:39:06,759

so are modifies what so did some sort of

879

00:39:13,650 --> 00:39:09,160

the janitors nothing so what happened

880

00:39:16,109 --> 00:39:13,660

was the the the report came out in the

881

00:39:17,939 --> 00:39:16,119

media a couple of weeks ago Amy corduroy

882

00:39:20,939 --> 00:39:17,949

and Julie made you from the ceremony

883

00:39:22,739 --> 00:39:20,949

held me age wrote this up this is

884

00:39:25,769 --> 00:39:22,749

actually at about the same time they

885

00:39:28,049 --> 00:39:25,779

also included in the report some other

886

00:39:31,019 --> 00:39:28,059

rather stunning revelations about a

887

00:39:35,009 --> 00:39:31,029

number of chiropractors who have been

888

00:39:36,319 --> 00:39:35,019

sneaking into hospitals to treat newborn

889

00:39:39,269 --> 00:39:36,329

babies

890

00:39:41,939 --> 00:39:39,279

um well we can we can go back to that

891

00:39:45,029 --> 00:39:41,949

one in a minute but when it came out the

892

00:39:46,469 --> 00:39:45,039

this the CIA which is just in case

893

00:39:48,329 --> 00:39:46,479

you're not aware there are there are two

894

00:39:50,130 --> 00:39:48,339

chiropractor organizations there's coca

895

00:39:52,259 --> 00:39:50,140

which is the chiropractic and

896

00:39:56,239 --> 00:39:52,269

osteopathic college and there's the CIA

897

00:39:58,979 --> 00:39:56,249

now the CIA are the sort of aunty backs

898

00:40:03,140 --> 00:39:58,989

more kind of fundamentalist chiropractic

899

00:40:05,579 --> 00:40:03,150

right solarization yeah I'm yeah and

900

00:40:08,279 --> 00:40:05,589

they immediately put out a press release

901
00:40:10,949 --> 00:40:08,289
and the press release claimed that there

902
00:40:12,359 --> 00:40:10,959
never was a fracture and that the

903
00:40:15,779 --> 00:40:12,369
information that had been put out was

904
00:40:19,279 --> 00:40:15,789
wrong and and that the chiropractor

905
00:40:23,309 --> 00:40:19,289
involved had been found not to have

906
00:40:25,680 --> 00:40:23,319
engaged in any improper conduct yeah and

907
00:40:27,509 --> 00:40:25,690
this was all very strange because this

908
00:40:29,160 --> 00:40:27,519
pediatrician had you know clearly

909
00:40:31,289 --> 00:40:29,170
treated this baby for this there you

910
00:40:35,609 --> 00:40:31,299
know it all seemed to kind of be quite

911
00:40:37,890 --> 00:40:35,619
as it was described anyway it literally

912
00:40:39,180 --> 00:40:37,900
became a back and forth between the

913
00:40:41,309 --> 00:40:39,190

different groups of health professionals

914

00:40:43,559 --> 00:40:41,319

the CIA claiming that nothing had been

915

00:40:45,569 --> 00:40:43,569

found with the doctors involved

916

00:40:47,729 --> 00:40:45,579

absolutely sort of sticking by the story

917

00:40:51,449 --> 00:40:47,739

and saying yes something had been found

918

00:40:53,219 --> 00:40:51,459

and then now if i remember correctly

919

00:40:56,339 --> 00:40:53,229

that the next thing of the chain of

920

00:40:59,370 --> 00:40:56,349

events was that somehow the actual

921

00:41:02,729 --> 00:40:59,380

report was tabled in parliament you know

922

00:41:04,829 --> 00:41:02,739

to the queensland parliament and it was

923

00:41:06,479 --> 00:41:04,839

only the x-ray report which was tabled

924

00:41:08,579 --> 00:41:06,489

and this claimed sorry it was one of the

925

00:41:10,949 --> 00:41:08,589

CT scans and this claim to show that in

926
00:41:15,150 --> 00:41:10,959
fact there was no fracture in this

927
00:41:17,279 --> 00:41:15,160
child's spine and someone actually went

928
00:41:19,529 --> 00:41:17,289
and had a look at the queensland

929
00:41:23,249 --> 00:41:19,539
government the Parliament website and

930
00:41:26,579 --> 00:41:23,259
found the entire report had been tabled

931
00:41:28,609 --> 00:41:26,589
not just a single CT whoops so this was

932
00:41:33,089 --> 00:41:28,619
now so this was now in the public domain

933
00:41:34,829 --> 00:41:33,099
able to be scrutinized and dr. John

934
00:41:38,339 --> 00:41:34,839
Cunningham who's North paddock surgeon

935
00:41:40,259 --> 00:41:38,349
had a look at this report and a number

936
00:41:43,109 --> 00:41:40,269
of other people kind of all people who

937
00:41:44,609 --> 00:41:43,119
are really experts in orthopedics and in

938
00:41:47,880 --> 00:41:44,619

pediatrics and so on how to look at this

939

00:41:48,900 --> 00:41:47,890

and actually what happened was and look

940

00:41:51,180 --> 00:41:48,910

I know

941

00:41:52,620 --> 00:41:51,190

orthopaedic is not my area and I'm not a

942

00:41:55,860 --> 00:41:52,630

medical doctor so I'm just sort of

943

00:41:57,510 --> 00:41:55,870

reporting it as I understand it but what

944

00:42:02,450 --> 00:41:57,520

happened was it turned out that this

945

00:42:07,020 --> 00:42:02,460

baby had a congenital condition called

946

00:42:09,810 --> 00:42:07,030

spondylolysis what it seems happened is

947

00:42:12,840 --> 00:42:09,820

that the fracture occurred at a weekend

948

00:42:15,420 --> 00:42:12,850

point in the in the vertebra right now

949

00:42:17,580 --> 00:42:15,430

on the initial CT scan I think they were

950

00:42:20,220 --> 00:42:17,590

that there was evidence of a fracture

951
00:42:24,360 --> 00:42:20,230
but subsequent CT scans didn't actually

952
00:42:26,430 --> 00:42:24,370
demonstrate this until a final CT scan

953
00:42:28,890 --> 00:42:26,440
which was done about think about three

954
00:42:33,180 --> 00:42:28,900
or four months later which showed

955
00:42:37,140 --> 00:42:33,190
evidence of a healing fracture now the

956
00:42:39,540 --> 00:42:37,150
CIA did mention this they only mentioned

957
00:42:41,970 --> 00:42:39,550
the previous to that the child had about

958
00:42:45,210 --> 00:42:41,980
four CT scans and the CIA only mentioned

959
00:42:47,580 --> 00:42:45,220
the two which didn't show any of this

960
00:42:49,470 --> 00:42:47,590
really that's correct they mentioned

961
00:42:52,230 --> 00:42:49,480
that the child went through for cts in a

962
00:42:54,660 --> 00:42:52,240
very short time because of this no no no

963
00:42:56,580 --> 00:42:54,670

so can I just add that this fracture is

964

00:42:59,430 --> 00:42:56,590

no one amongst the medical profession as

965

00:43:01,320 --> 00:42:59,440

a hangman's fracture which is supposed

966

00:43:03,450 --> 00:43:01,330

to give you the same effect as if you

967

00:43:04,920 --> 00:43:03,460

hung someone so essentially the

968

00:43:06,660 --> 00:43:04,930

allegations are that this child had a

969

00:43:09,690 --> 00:43:06,670

neck that was broken in a way that you

970

00:43:13,260 --> 00:43:09,700

would get if you hang someone hmm now

971

00:43:14,760 --> 00:43:13,270

that you can actually read the reporters

972

00:43:17,910 --> 00:43:14,770

actually in the public domain now of

973

00:43:20,760 --> 00:43:17,920

course so what this really comes down to

974

00:43:23,340 --> 00:43:20,770

is look we can we can you know speculate

975

00:43:24,660 --> 00:43:23,350

until the blue in the face about what

976

00:43:27,120 --> 00:43:24,670

did or didn't happen at whether the

977

00:43:29,190 --> 00:43:27,130

chiropractor was responsible ultimately

978

00:43:33,000 --> 00:43:29,200

the things that we keep hearing from the

979

00:43:35,130 --> 00:43:33,010

CIA are the following lines there has

980

00:43:42,480 --> 00:43:35,140

not been a chiropractic adverse event in

981

00:43:46,500 --> 00:43:42,490

a child since 1992 why Bing yeah five

982

00:43:48,840 --> 00:43:46,510

years Rachel five years of university I

983

00:43:52,890 --> 00:43:48,850

mean we all know that there are risks in

984

00:43:54,570 --> 00:43:52,900

everything we do ok now the aviation

985

00:43:57,330 --> 00:43:54,580

industry knows this construction

986

00:44:00,570 --> 00:43:57,340

industry medicine and we do everything

987

00:44:02,670 --> 00:44:00,580

we can to me to get sick yes everything

988

00:44:06,830 --> 00:44:02,680

scanner but the court

989

00:44:10,530 --> 00:44:06,840

to the CIA there is so little risk of

990

00:44:13,200 --> 00:44:10,540

anything involved in chiropractic that

991

00:44:16,050 --> 00:44:13,210

there's no need for what they have in

992

00:44:18,900 --> 00:44:16,060

every other industry which is an adverse

993

00:44:21,090 --> 00:44:18,910

event reporting system so the reason you

994

00:44:23,840 --> 00:44:21,100

can't find reports of any adverse events

995

00:44:26,790 --> 00:44:23,850

is because they don't collect any data

996

00:44:27,960 --> 00:44:26,800

they say it goes a little bit further

997

00:44:30,570 --> 00:44:27,970

than that because it's not that they

998

00:44:32,700 --> 00:44:30,580

don't collect any data they deny that it

999

00:44:34,920 --> 00:44:32,710

comes along well there that took that

1000

00:44:37,020 --> 00:44:34,930

day so one of the things that was really

1001
00:44:40,920 --> 00:44:37,030
quite horrifying also about how this was

1002
00:44:43,650 --> 00:44:40,930
handled was that the the report of from

1003
00:44:46,760 --> 00:44:43,660
the report that was submitted to the

1004
00:44:51,960 --> 00:44:46,770
chiropractic board was was done by a

1005
00:44:54,090 --> 00:44:51,970
chiropractor and in it the person who

1006
00:44:56,670 --> 00:44:54,100
did this report speculates that there

1007
00:44:59,010 --> 00:44:56,680
might have been child abuse involved now

1008
00:45:01,200 --> 00:44:59,020
shifting the blame totally shifting the

1009
00:45:03,180 --> 00:45:01,210
blame it is something that is quite I

1010
00:45:05,910 --> 00:45:03,190
think quite an abhorrence suggestion to

1011
00:45:08,310 --> 00:45:05,920
make when you know there's no evidence

1012
00:45:12,990 --> 00:45:08,320
to suggest that there is almost a

1013
00:45:16,290 --> 00:45:13,000

complete refusal to just simply address

1014

00:45:20,790 --> 00:45:16,300

the fact that there are basic risks in

1015

00:45:22,380 --> 00:45:20,800

anything we do they are wanting to they

1016

00:45:24,570 --> 00:45:22,390

want to be primary health care provider

1017

00:45:26,640 --> 00:45:24,580

do something that you know it's

1018

00:45:30,540 --> 00:45:26,650

something that they explicitly stated i

1019

00:45:33,270 --> 00:45:30,550

think it was in the CIA's one of their

1020

00:45:34,560 --> 00:45:33,280

public was near homes yeah if they want

1021

00:45:36,570 --> 00:45:34,570

it they want to act as primary health

1022

00:45:37,950 --> 00:45:36,580

care providers now if you're going to it

1023

00:45:40,110 --> 00:45:37,960

if you're going to behave as a primary

1024

00:45:43,020 --> 00:45:40,120

health care provider you need to provide

1025

00:45:44,280 --> 00:45:43,030

the public with the reassurance of

1026
00:45:46,680 --> 00:45:44,290
knowing that you are doing everything

1027
00:45:49,710 --> 00:45:46,690
you can to improve quality and safety

1028
00:45:51,660 --> 00:45:49,720
now you know in no way am I saying that

1029
00:45:53,880 --> 00:45:51,670
the health care industry medicine

1030
00:45:55,200 --> 00:45:53,890
nursing any of us are perfect there are

1031
00:45:58,050 --> 00:45:55,210
a lot of problems in our in our

1032
00:46:00,270 --> 00:45:58,060
industries we have you no adverse events

1033
00:46:03,270 --> 00:46:00,280
we have you know they're there are the

1034
00:46:06,570 --> 00:46:03,280
same you know we're human beings we make

1035
00:46:07,830 --> 00:46:06,580
mistakes but we do our best to improve

1036
00:46:09,600 --> 00:46:07,840
on that and in fact they've been some

1037
00:46:11,250 --> 00:46:09,610
fantastic reports over the last few

1038
00:46:11,900 --> 00:46:11,260

years there was a wonderful one which

1039

00:46:16,700 --> 00:46:11,910

came out

1040

00:46:18,470 --> 00:46:16,710

in 2004 the 2001 I think from the

1041

00:46:20,900 --> 00:46:18,480

National Institute of Health in America

1042

00:46:23,870 --> 00:46:20,910

called to err is human and it was a

1043

00:46:26,120 --> 00:46:23,880

report which really recognized the the

1044

00:46:28,309 --> 00:46:26,130

alarming number of adverse events in

1045

00:46:30,680 --> 00:46:28,319

healthcare and it set out to really

1046

00:46:32,510 --> 00:46:30,690

address that and and to bring down those

1047

00:46:33,680 --> 00:46:32,520

numbers can I can I add something to

1048

00:46:36,079 --> 00:46:33,690

destroy because I think this is an

1049

00:46:37,670 --> 00:46:36,089

important point as well is that there's

1050

00:46:39,589 --> 00:46:37,680

a risk ratio that you have to deal with

1051

00:46:41,240 --> 00:46:39,599

as well so when we all go for surgery

1052

00:46:42,890 --> 00:46:41,250

for example we're told there's a risk of

1053

00:46:44,750 --> 00:46:42,900

things in there with your ass

1054

00:46:46,339 --> 00:46:44,760

anaesthetic the so doing everything you

1055

00:46:47,930 --> 00:46:46,349

make a decision based on that is it

1056

00:46:50,210 --> 00:46:47,940

better for me to get this removed or

1057

00:46:52,579 --> 00:46:50,220

should I just risk it the point that we

1058

00:46:54,440 --> 00:46:52,589

have with pediatric chiropractic is the

1059

00:46:56,930 --> 00:46:54,450

risks are too high where the benefit is

1060

00:46:59,480 --> 00:46:56,940

an ill have you seen better do anything

1061

00:47:03,020 --> 00:46:59,490

in the media and online on facebook of

1062

00:47:04,549 --> 00:47:03,030

baby babies being manipulated by well

1063

00:47:08,809 --> 00:47:04,559

the but this is the problem is on the

1064

00:47:12,260 --> 00:47:08,819

one hand you have them saying that what

1065

00:47:13,940 --> 00:47:12,270

they do is so inconsequential in terms

1066

00:47:15,859 --> 00:47:13,950

of the risk of harm that it's literally

1067

00:47:18,529 --> 00:47:15,869

like I've heard them describe it as like

1068

00:47:19,819 --> 00:47:18,539

touching the skin on a ripe tomato now

1069

00:47:23,049 --> 00:47:19,829

the thing is I've doing what you're

1070

00:47:25,789 --> 00:47:23,059

doing is is so in fact i have macfag

1071

00:47:27,529 --> 00:47:25,799

wrote the post fabulous piece in the

1072

00:47:32,289 --> 00:47:27,539

conversation the other day and and the

1073

00:47:37,940 --> 00:47:35,900

adjusting or fixing a subluxation in a

1074

00:47:39,920 --> 00:47:37,950

child is no different to you know

1075

00:47:42,799 --> 00:47:39,930

touching the skin on a ranch motto then

1076

00:47:45,710 --> 00:47:42,809

are we are all not chiropractors you

1077

00:47:47,779 --> 00:47:45,720

know accidentally fixing subluxation

1078

00:47:50,390 --> 00:47:47,789

merely by handling our children and

1079

00:47:51,710 --> 00:47:50,400

passing them around yes yeah so either

1080

00:47:53,779 --> 00:47:51,720

you're doing something or you're not

1081

00:47:55,039 --> 00:47:53,789

doing so yeah yeah and if you're doing

1082

00:47:56,329 --> 00:47:55,049

something then there's a risk because of

1083

00:47:57,680 --> 00:47:56,339

what I think supposedly there are me

1084

00:47:59,569 --> 00:47:57,690

you're actually touching in a certain

1085

00:48:01,400 --> 00:47:59,579

way right when you think about it to

1086

00:48:03,710 --> 00:48:01,410

matter though there's touching the

1087

00:48:09,550 --> 00:48:03,720

tomatoes URI anyone here do I naturally

1088

00:48:12,820 --> 00:48:09,560

going squish kitchen and then

1089

00:48:15,220 --> 00:48:12,830

I think that's what happened and that's

1090

00:48:18,820 --> 00:48:15,230

something that quite well yeah I think

1091

00:48:21,430 --> 00:48:18,830

it surprises me I guess in a way it

1092

00:48:22,630 --> 00:48:21,440

surprised me i should say many years ago

1093

00:48:26,920 --> 00:48:22,640

when i first started learning about

1094

00:48:29,860 --> 00:48:26,930

chiropractic and the outer gobsmacking

1095

00:48:31,840 --> 00:48:29,870

lee ridiculous fundamentals behind it

1096

00:48:34,090 --> 00:48:31,850

because I did always thought growing up

1097

00:48:36,130 --> 00:48:34,100

that it was simply another branch of

1098

00:48:38,530 --> 00:48:36,140

Medicine indeed especially at you two I

1099

00:48:40,390 --> 00:48:38,540

thought I didn't think it was mental as

1100

00:48:43,810 --> 00:48:40,400

it is I just thought it was you know you

1101

00:48:46,540 --> 00:48:43,820

have Tommy trusts you have pediatrics oh

1102

00:48:49,210 --> 00:48:46,550

my god there's no reason to think I mean

1103

00:48:51,100 --> 00:48:49,220

if you are at any anyone lay person so

1104

00:48:52,990 --> 00:48:51,110

reason to think what they aren't that

1105

00:48:55,210 --> 00:48:53,000

there is not about a health profession

1106

00:48:57,520 --> 00:48:55,220

it's about an ideological belief is this

1107

00:48:59,140 --> 00:48:57,530

an animation before care is some

1108

00:49:00,880 --> 00:48:59,150

decision before benevolence yeah but on

1109

00:49:02,290 --> 00:49:00,890

top of that I think that it's kind of

1110

00:49:03,520 --> 00:49:02,300

like with the anti vectors they forget

1111

00:49:05,560 --> 00:49:03,530

all the stories they've told so they

1112

00:49:07,600 --> 00:49:05,570

can't remember what they've said because

1113

00:49:09,430 --> 00:49:07,610

you pointed this out to me Joe that the

1114

00:49:10,990 --> 00:49:09,440

CIA are claiming this never happened and

1115

00:49:12,480 --> 00:49:11,000

nothing ever there was never real and

1116

00:49:15,370 --> 00:49:12,490

they demanded a retraction and apology

1117

00:49:17,020 --> 00:49:15,380

however there are records on a pro that

1118

00:49:21,870 --> 00:49:17,030

showed that this chiropractor was sent

1119

00:49:28,090 --> 00:49:21,880

to extra closets rightly actually um

1120

00:49:30,640 --> 00:49:28,100

when the weather report came out in the

1121

00:49:32,980 --> 00:49:30,650

media it said that the chiropractor in

1122

00:49:34,540 --> 00:49:32,990

question had been ordered as part of the

1123

00:49:37,840 --> 00:49:34,550

findings of this investigation to

1124

00:49:42,720 --> 00:49:37,850

undergo a training with the pediatric

1125

00:49:45,010 --> 00:49:42,730

chiropractor now is that rageous because

1126

00:49:47,170 --> 00:49:45,020

what is P I mean because your

1127

00:49:49,840 --> 00:49:47,180

chiropractic is an awesome my maze bump

1128

00:49:52,600 --> 00:49:49,850

it's an absolute nonsense yeah why do

1129

00:49:54,430 --> 00:49:52,610

you need of iraq tomorrow i have my

1130

00:49:57,610 --> 00:49:54,440

mother my mother has been going to win

1131

00:50:00,460 --> 00:49:57,620

for 30 years or so and so I grew up with

1132

00:50:01,930 --> 00:50:00,470

the chiropractor's were always that was

1133

00:50:05,650 --> 00:50:01,940

the thing she was going there every week

1134

00:50:08,800 --> 00:50:05,660

or so she sent me there when I was you

1135

00:50:11,530 --> 00:50:08,810

know young when I was 12 13 yeah I don't

1136

00:50:13,870 --> 00:50:11,540

wait 21 when I was village yeah and and

1137

00:50:15,880 --> 00:50:13,880

just not because it right yeah it will

1138

00:50:18,640 --> 00:50:15,890

see

1139

00:50:19,900 --> 00:50:18,650

um yea i meant not because there was

1140

00:50:21,430 --> 00:50:19,910

anything wrong with me but it was all

1141

00:50:23,049 --> 00:50:21,440

preventive you know the chiropractor is

1142

00:50:25,779 --> 00:50:23,059

probably in her ear oh yeah it's time

1143

00:50:27,910 --> 00:50:25,789

for Magadan to go a line to get yeah

1144

00:50:29,920 --> 00:50:27,920

yeah have an adjustment did you know did

1145

00:50:32,859 --> 00:50:29,930

you when I used to go I used to line

1146

00:50:34,599 --> 00:50:32,869

them in then they get my jord my head go

1147

00:50:37,509 --> 00:50:34,609

look at looking something well we got

1148

00:50:41,019 --> 00:50:37,519

inside your pop yes yes they did all of

1149

00:50:43,299 --> 00:50:41,029

that yeah I got used to it if I went to

1150

00:50:46,329 --> 00:50:43,309

a GP for 30 years I'd be worried about

1151

00:50:48,099 --> 00:50:46,339

myself I absolutely I agree I agree I

1152

00:50:50,109 --> 00:50:48,109

mean and this is the this is the thing

1153

00:50:52,210 --> 00:50:50,119

with you know physiotherapist they say

1154

00:50:55,029 --> 00:50:52,220

well you know you come and see us three

1155

00:50:56,620 --> 00:50:55,039

or four times we don't want you to come

1156

00:50:58,059 --> 00:50:56,630

back we want you to get better and then

1157

00:51:00,400 --> 00:50:58,069

you look after yourself for the

1158

00:51:03,240 --> 00:51:00,410

chiropractor you're going never 30 is

1159

00:51:06,069 --> 00:51:03,250

it's just it's kind of like

1160

00:51:08,079 --> 00:51:06,079

psychologists and psychotherapist sort

1161

00:51:10,240 --> 00:51:08,089

or you know psychoanalysts also think

1162

00:51:14,769 --> 00:51:10,250

it's that kind of thing she's working

1163

00:51:16,599 --> 00:51:14,779

the base but it's that kind of thing you

1164

00:51:18,430 --> 00:51:16,609

know you treat something somebody gets

1165

00:51:21,880 --> 00:51:18,440

better or you know you encourage

1166

00:51:24,940 --> 00:51:21,890

somebody just keep coming back our

1167

00:51:27,039 --> 00:51:24,950

alignment I can't think of a Segway that

1168

00:51:29,980 --> 00:51:27,049

Iran you wanted to bring politics into

1169

00:51:32,620 --> 00:51:29,990

the discussion no I know it's all about

1170

00:51:34,630 --> 00:51:32,630

science this is all about science so as

1171

00:51:35,859 --> 00:51:34,640

listeners regardless where they are in

1172

00:51:38,769 --> 00:51:35,869

the world would probably know there's

1173

00:51:41,079 --> 00:51:38,779

been new south wales or suffered a very

1174

00:51:43,390 --> 00:51:41,089

bad fire season now at the fact that we

1175

00:51:47,019 --> 00:51:43,400

call it fire season tells you that fires

1176
00:51:49,269 --> 00:51:47,029
are a regular thing in australia but bad

1177
00:51:51,249 --> 00:51:49,279
fire seasons are not that commonly the

1178
00:51:53,019 --> 00:51:51,259
upper everything is every now and then

1179
00:51:57,490 --> 00:51:53,029
what we have is particularly bad fires

1180
00:51:59,200 --> 00:51:57,500
yep and where the weather fires

1181
00:52:01,029 --> 00:51:59,210
basically burn out of control very often

1182
00:52:03,279 --> 00:52:01,039
there you know because the way we live

1183
00:52:04,990 --> 00:52:03,289
in australia is we live amongst the

1184
00:52:07,630 --> 00:52:05,000
trees and those trees that we chose to

1185
00:52:10,089 --> 00:52:07,640
live along stuff have a lot of oil in

1186
00:52:12,009 --> 00:52:10,099
them and and burn is burning his part of

1187
00:52:16,150 --> 00:52:12,019
their life cycle to a large extent it

1188
00:52:17,700 --> 00:52:16,160

just the way it is now with all these

1189

00:52:21,190 --> 00:52:17,710

files know that are happening now

1190

00:52:25,029 --> 00:52:21,200

senator adam van from the greens said

1191

00:52:27,269 --> 00:52:25,039

that came out in the press and basically

1192

00:52:29,729 --> 00:52:27,279

made the link between those files and

1193

00:52:33,599 --> 00:52:29,739

climate change and the UN representative

1194

00:52:36,569 --> 00:52:33,609

to climate talk climate negotiations of

1195

00:52:40,009 --> 00:52:36,579

some sort also mentioned on CNN

1196

00:52:42,059 --> 00:52:40,019

interview on CNN that these fires are

1197

00:52:43,559 --> 00:52:42,069

probably linked to calamity they

1198

00:52:45,239 --> 00:52:43,569

actually she was actually a lot more

1199

00:52:48,419 --> 00:52:45,249

careful than at a bank what she said was

1200

00:52:49,949 --> 00:52:48,429

that there's a general ling she but she

1201
00:52:52,109 --> 00:52:49,959
said there is no evidence that these

1202
00:52:55,019 --> 00:52:52,119
specific files again again with climate

1203
00:52:56,669 --> 00:52:55,029
change so she was she was quite careful

1204
00:52:59,849 --> 00:52:56,679
from a scientific perspective to present

1205
00:53:01,769 --> 00:52:59,859
it correctly but two things have

1206
00:53:03,719 --> 00:53:01,779
happened and what is that in general

1207
00:53:06,569 --> 00:53:03,729
people came out in the present

1208
00:53:10,319 --> 00:53:06,579
complaining about Adam Banton and how

1209
00:53:13,949 --> 00:53:10,329
how can you politicize this tragedy you

1210
00:53:15,630 --> 00:53:13,959
know so I have I have issues with the

1211
00:53:17,370 --> 00:53:15,640
greens and their attitudes and all that

1212
00:53:19,409 --> 00:53:17,380
but if you're not going to talk about

1213
00:53:21,899 --> 00:53:19,419

the cause of the fires while the fires

1214

00:53:25,019 --> 00:53:21,909

are burning or soon thereafter when are

1215

00:53:27,539 --> 00:53:25,029

you going to talk about so what you have

1216

00:53:29,279 --> 00:53:27,549

to wait until everybody forgets about it

1217

00:53:31,019 --> 00:53:29,289

until I'm no different to after you've

1218

00:53:32,219 --> 00:53:31,029

had a mass shooting in the US and you're

1219

00:53:33,929 --> 00:53:32,229

not allowed to talk about gun control

1220

00:53:37,039 --> 00:53:33,939

because it's not the right time it's

1221

00:53:40,109 --> 00:53:37,049

politicizing the it's politicizing the

1222

00:53:41,849 --> 00:53:40,119

tragedy so no this is not politicizing

1223

00:53:43,919 --> 00:53:41,859

the argument this is not politicized

1224

00:53:46,499 --> 00:53:43,929

politicizing the tragedy what it is is

1225

00:53:49,529 --> 00:53:46,509

debating a very important thing which is

1226
00:53:50,849 --> 00:53:49,539
the reason for the tragedy so any game

1227
00:53:55,319 --> 00:53:50,859
this is regardless would you agree with

1228
00:53:58,429 --> 00:53:55,329
that in banten or so so Greg Hunt who's

1229
00:54:00,899 --> 00:53:58,439
a new minister for the environment

1230
00:54:04,319 --> 00:54:00,909
similar in the press came out in the

1231
00:54:06,359 --> 00:54:04,329
press and he said obviously first I've

1232
00:54:09,749 --> 00:54:06,369
made that point about politicizing the

1233
00:54:12,359 --> 00:54:09,759
files but also mentioned that files have

1234
00:54:15,659 --> 00:54:12,369
been happening in Australia for years

1235
00:54:18,659 --> 00:54:15,669
and how does he know this because he

1236
00:54:20,370 --> 00:54:18,669
looked in Wikipedia and so you mentioned

1237
00:54:22,409 --> 00:54:20,380
that that's what he said on the BBC and

1238
00:54:24,029 --> 00:54:22,419

then he said so he said he looked up the

1239

00:54:27,149 --> 00:54:24,039

Australian bush fires and what he said

1240

00:54:29,849 --> 00:54:27,159

here and i'll quote it opened up so i'm

1241

00:54:31,439 --> 00:54:29,859

quoting greg hunt now it opened up with

1242

00:54:32,969 --> 00:54:31,449

the fact that bush fires in Australia

1243

00:54:34,799 --> 00:54:32,979

are frequently occurring events during

1244

00:54:38,789 --> 00:54:34,809

the hotter months of the year due to

1245

00:54:39,900 --> 00:54:38,799

Australia's mostly hot dry climate good

1246

00:54:44,180 --> 00:54:39,910

on you you can read

1247

00:54:47,720 --> 00:54:44,190

now see it's just one problem with that

1248

00:54:49,859 --> 00:54:47,730

he's only he's cherry-picked which is

1249

00:54:51,660 --> 00:54:49,869

hugely unexpected of course from

1250

00:54:53,880 --> 00:54:51,670

politician why would apologize jariabek

1251
00:54:55,319 --> 00:54:53,890
so the problem is this in the same

1252
00:54:59,970 --> 00:54:55,329
wikipedia entry just a little bit

1253
00:55:04,230 --> 00:54:59,980
further down it also says this that over

1254
00:55:07,589 --> 00:55:04,240
the hundred since 1851 there have been

1255
00:55:12,150 --> 00:55:07,599
forty major fire fire seasons okay of of

1256
00:55:15,510 --> 00:55:12,160
this kind 40 of them two of them have

1257
00:55:19,079 --> 00:55:15,520
been in November out of the 41 in April

1258
00:55:20,640 --> 00:55:19,089
and all the rest happen in December

1259
00:55:22,740 --> 00:55:20,650
January February and March which are

1260
00:55:25,289 --> 00:55:22,750
there well the summer seasons the summer

1261
00:55:28,500 --> 00:55:25,299
months in Australia and March is the

1262
00:55:31,829 --> 00:55:28,510
beginning of nodular this is the first

1263
00:55:35,120 --> 00:55:31,839

time that it happens in October so the

1264

00:55:38,010 --> 00:55:35,130

first time in 162 years of record of

1265

00:55:40,410 --> 00:55:38,020

kept record where we have this kind of

1266

00:55:42,329 --> 00:55:40,420

fire in October well now this is not

1267

00:55:44,220 --> 00:55:42,339

just in October this is fairly early in

1268

00:55:48,390 --> 00:55:44,230

it so it's like the first it started the

1269

00:55:50,880 --> 00:55:48,400

fire started we embarrassed but more

1270

00:55:52,470 --> 00:55:50,890

than week of the day yesterday yeah so

1271

00:55:55,170 --> 00:55:52,480

yeah yeah so we're talking about

1272

00:55:57,750 --> 00:55:55,180

mid-october yeah yeah so this is this is

1273

00:56:00,240 --> 00:55:57,760

extremely early now before then remember

1274

00:56:01,829 --> 00:56:00,250

in a hundred and sixty-two years there's

1275

00:56:03,510 --> 00:56:01,839

been two in November and all the rest

1276

00:56:07,079 --> 00:56:03,520

were in December January us out of out

1277

00:56:09,690 --> 00:56:07,089

of 40 yeah so you can't sorry mr. hunt

1278

00:56:12,329 --> 00:56:09,700

you know despite what you might want to

1279

00:56:14,490 --> 00:56:12,339

think this is directly related to

1280

00:56:16,920 --> 00:56:14,500

climate change it may not have been

1281

00:56:19,559 --> 00:56:16,930

directly caused by climate change in the

1282

00:56:21,870 --> 00:56:19,569

sense of climate change lit the fire but

1283

00:56:24,420 --> 00:56:21,880

yes absolutely these things will happen

1284

00:56:26,220 --> 00:56:24,430

the science shows us that this this

1285

00:56:29,309 --> 00:56:26,230

these things will happen more often in

1286

00:56:30,809 --> 00:56:29,319

earlier so you can't say that it's not

1287

00:56:32,370 --> 00:56:30,819

linked of course it's not directly

1288

00:56:34,349 --> 00:56:32,380

linked it's not is force it's almost

1289

00:56:35,970 --> 00:56:34,359

impossible to show that direct causal

1290

00:56:38,279 --> 00:56:35,980

link doing climate change in any

1291

00:56:39,960 --> 00:56:38,289

specific event but you can draw the

1292

00:56:41,660 --> 00:56:39,970

statistical conclusion and that's

1293

00:56:43,460 --> 00:56:41,670

exactly what needed to happen this time

1294

00:56:46,790 --> 00:56:43,470

honey runs are

1295

00:56:52,089 --> 00:56:46,800

greg hunt yet don't get in my way when I

1296

00:56:55,130 --> 00:56:52,099

speak first of all in 1990 Greg Hunt a

1297

00:56:58,010 --> 00:56:55,140

one prize University prize for his

1298

00:57:00,410 --> 00:56:58,020

thesis entitled attacks to make

1299

00:57:02,180 --> 00:57:00,420

polluters pay where he was actually in

1300

00:57:04,750 --> 00:57:02,190

favor of the carbon tax that he now

1301
00:57:09,050 --> 00:57:04,760
thinks is the worst thing since uh what

1302
00:57:12,470 --> 00:57:09,060
well since you only get out yeah um but

1303
00:57:16,339 --> 00:57:12,480
you see the thing is Greg Hunt picked up

1304
00:57:20,720 --> 00:57:16,349
it on the internets so the Internet's

1305
00:57:22,550 --> 00:57:20,730
big bag of pic pic pizza on him again a

1306
00:57:24,380 --> 00:57:22,560
back end and this is this is what

1307
00:57:27,230 --> 00:57:24,390
happened in the next couple of days

1308
00:57:31,310 --> 00:57:27,240
after he made that statement the

1309
00:57:33,349 --> 00:57:31,320
wikipedia entry for Greg Hunt who's

1310
00:57:35,660 --> 00:57:33,359
changed several times before we keep ed

1311
00:57:38,120 --> 00:57:35,670
blocked it and for a few minutes there

1312
00:57:40,609 --> 00:57:38,130
on Thursday of last week it said since

1313
00:57:42,290 --> 00:57:40,619

the 2013 election hunters become the

1314

00:57:46,990 --> 00:57:42,300

minister for the environment he has

1315

00:57:53,329 --> 00:57:50,329

and then another another gym a bit

1316

00:57:55,339 --> 00:57:53,339

longer but worth reading he hunt he's

1317

00:57:57,980 --> 00:57:55,349

notorious for using Wikipedia to conduct

1318

00:57:59,920 --> 00:57:57,990

research on environmental issues despite

1319

00:58:02,900 --> 00:57:59,930

having access to fast bureaucracies

1320

00:58:05,150 --> 00:58:02,910

stopped by some of the finest and most

1321

00:58:09,349 --> 00:58:05,160

dedicated minds in the nation like some

1322

00:58:11,270 --> 00:58:09,359

total turd critics concede that is 1990

1323

00:58:12,500 --> 00:58:11,280

honors thesis on the necessary of a

1324

00:58:14,750 --> 00:58:12,510

carbon tax was probably more

1325

00:58:17,420 --> 00:58:14,760

academically rigorous in the manner in

1326

00:58:19,010 --> 00:58:17,430

which he can compose himself as one of

1327

00:58:21,020 --> 00:58:19,020

the most powerful people in the country

1328

00:58:23,300 --> 00:58:21,030

but others defend their characterization

1329

00:58:28,490 --> 00:58:23,310

of the Environment Minister as as an

1330

00:58:30,620 --> 00:58:28,500

utter winner no you see he it was wrong

1331

00:58:34,579 --> 00:58:30,630

he was wrong of him to two people on the

1332

00:58:35,839 --> 00:58:34,589

internet so obviously now his Wikipedia

1333

00:58:38,420 --> 00:58:35,849

immediately changed the rules and how we

1334

00:58:40,339 --> 00:58:38,430

can only be edited by registered editors

1335

00:58:41,730 --> 00:58:40,349

but I thought some more edits can I

1336

00:58:45,420 --> 00:58:41,740

write them a yes

1337

00:58:48,870 --> 00:58:45,430

please do so this is some more that have

1338

00:58:50,370 --> 00:58:48,880

since gone um he was his minister for

1339

00:58:54,510 --> 00:58:50,380

the environment blah blah he wouldn't

1340

00:58:56,460 --> 00:58:54,520

know science from his a-hole he is he's

1341

00:58:57,780 --> 00:58:56,470

a father member of the logistic Council

1342

00:59:00,000 --> 00:58:57,790

he is married and has a daughter and a

1343

00:59:14,450 --> 00:59:00,010

son he was raised as a eucalyptus tree

1344

00:59:18,690 --> 00:59:16,890

listeners may not dead we were joking

1345

00:59:20,250 --> 00:59:18,700

about this before but Mr some of this

1346

00:59:22,260 --> 00:59:20,260

may not realize and listening around the

1347

00:59:24,390 --> 00:59:22,270

world when we did have our changing

1348

00:59:26,160 --> 00:59:24,400

federal government two months ago three

1349

00:59:30,780 --> 00:59:26,170

months ago and when was it something

1350

00:59:32,970 --> 00:59:30,790

like that yeah um the new government has

1351

00:59:37,890 --> 00:59:32,980

not seen fit to appointed minister for

1352

00:59:40,650 --> 00:59:37,900

science yeah another very start a

1353

00:59:42,420 --> 00:59:40,660

sportsman Anzac Day minister to we've

1354

00:59:44,790 --> 00:59:42,430

had in second yeah we had one I think

1355

00:59:47,190 --> 00:59:44,800

he's resigned already of something yeah

1356

00:59:49,290 --> 00:59:47,200

long as we have a sports minister will

1357

00:59:51,150 --> 00:59:49,300

be all right also the monster for help

1358

00:59:53,250 --> 00:59:51,160

like the excellent health under next

1359

00:59:57,030 --> 00:59:53,260

sport yeah something yeah tokens for the

1360

00:59:58,859 --> 00:59:57,040

same yeah you I've noticed dr. Richie on

1361

01:00:01,290 --> 00:59:58,869

your facebook you but various pictures

1362

01:00:03,960 --> 01:00:01,300

of our prime minister or you comment on

1363

01:00:07,109 --> 01:00:03,970

them oh well I had to get to Twitter

1364

01:00:09,540 --> 01:00:07,119

accounts because I'm just leading up to

1365

01:00:11,849 --> 01:00:09,550

the election I lost 300 followers slip

1366

01:00:14,160 --> 01:00:11,859

do yeah I had now having a Twitter

1367

01:00:16,590 --> 01:00:14,170

account called at dr. pinko which is

1368

01:00:19,290 --> 01:00:16,600

where I we do that I wish about politics

1369

01:00:21,270 --> 01:00:19,300

or left-wing politics you've got a

1370

01:00:23,520 --> 01:00:21,280

twitter account called at dr. pink yeah

1371

01:00:26,099 --> 01:00:23,530

yeah and that's where I complain about

1372

01:00:28,500 --> 01:00:26,109

politics it's awesome because that makes

1373

01:00:33,450 --> 01:00:28,510

I can just rare rare to vent to nobody

1374

01:00:35,580 --> 01:00:33,460

but and follows me anything yeah so I

1375

01:00:37,650 --> 01:00:35,590

try to keep all of my left wing pinko

1376

01:00:40,500 --> 01:00:37,660

behavior to that account so they don't

1377

01:00:43,320 --> 01:00:40,510

bother people too much so if you want to

1378

01:00:46,109 --> 01:00:43,330

follow it go feedback we have a whole

1379

01:00:47,130 --> 01:00:46,119

other podcasts devoted to politics I

1380

01:00:48,529 --> 01:00:47,140

wonder if anyone's thought of that

1381

01:00:52,109 --> 01:00:48,539

before

1382

01:00:56,370 --> 01:00:52,119

the pink ozone dr. bingo chances can I

1383

01:00:58,620 --> 01:00:56,380

give a plug to a podcast sure um I I did

1384

01:01:02,729 --> 01:00:58,630

an episode of the herd mentality podcast

1385

01:01:04,440 --> 01:01:02,739

last week with David Hawks dr. David

1386

01:01:05,579 --> 01:01:04,450

Hawks which was great fun and we

1387

01:01:08,009 --> 01:01:05,589

actually did an episode all about

1388

01:01:11,339 --> 01:01:08,019

anti-vaxxers so I thoroughly enjoyed it

1389

01:01:14,729 --> 01:01:11,349

so will the herd mentality yeah vodka

1390

01:01:18,120 --> 01:01:14,739

great fun actually what you do good for

1391

01:01:19,680 --> 01:01:18,130

doing that well the disco music still

1392

01:01:21,059 --> 01:01:19,690

blaring outside I think it's time we

1393

01:01:22,829 --> 01:01:21,069

open the door to this cupboard and

1394

01:01:24,329 --> 01:01:22,839

escape because it's getting good I'll

1395

01:01:25,859 --> 01:01:24,339

say you want to go upstairs and watch

1396

01:01:28,529 --> 01:01:25,869

hot chocolate chocolate hot chocolate

1397

01:01:31,430 --> 01:01:28,539

patia leave grill hot choc will be here

1398

01:01:34,349 --> 01:01:31,440

tonight on the way here on the way here

1399

01:01:35,579 --> 01:01:34,359

Marcus asked me what me what music I

1400

01:01:37,680 --> 01:01:35,589

listened to and I mentioned amongst

1401

01:01:39,089 --> 01:01:37,690

other things eighties music yeah and

1402

01:01:40,950 --> 01:01:39,099

then we came in and as soon as we were

1403

01:01:42,299 --> 01:01:40,960

checking into the club the lady says did

1404

01:01:43,859 --> 01:01:42,309

you come for the show instead know who's

1405

01:01:47,130 --> 01:01:43,869

who's who's playing she said hot

1406

01:01:49,529 --> 01:01:47,140

chocolate a second I said I said be hot

1407

01:01:53,959 --> 01:01:49,539

chocolate she said yes I tended i'm too

1408

01:01:58,140 --> 01:01:56,700

here a bit earlier um and we were just

1409

01:01:59,819 --> 01:01:58,150

looking around upstairs we peered

1410

01:02:02,219 --> 01:01:59,829

through the door to the showroom and

1411

01:02:04,559 --> 01:02:02,229

there they were on stage rehearsing yeah

1412

01:02:05,969 --> 01:02:04,569

little good sound good to look good hot

1413

01:02:12,180 --> 01:02:05,979

chocolates and there you go it's amazing

1414

01:02:13,890 --> 01:02:12,190

what plastic surgery does good on I'm

1415

01:02:15,779 --> 01:02:13,900

good on them well Margot thank you for

1416

01:02:18,329 --> 01:02:15,789

coming along and sitting in with us to

1417

01:02:20,160 --> 01:02:18,339

be really interesting how we can see you

1418

01:02:21,539 --> 01:02:20,170

back maybe hopefully in a better you're

1419

01:02:23,069 --> 01:02:21,549

in your lounge room isn't it next time

1420

01:02:26,609 --> 01:02:23,079

that's right yeah I'm not cooking

1421

01:02:29,819 --> 01:02:26,619

Chinese doctor AG with your lovely

1422

01:02:31,739 --> 01:02:29,829

chilly earrings yes thanks for having me

1423

01:02:34,739 --> 01:02:31,749

Richard Joan Benoit thank you Richard

1424

01:02:35,910 --> 01:02:34,749

just reminded everyone to follow friends

1425

01:02:38,880 --> 01:02:35,920

of science and medicine on Twitter

1426

01:02:40,999 --> 01:02:38,890

please and just will have another

1427

01:02:43,769 --> 01:02:41,009

newsletter coming up in about a month so

1428

01:02:46,200 --> 01:02:43,779

hop on to the website and see what we're

1429

01:02:50,400 --> 01:02:46,210

up two runs ago vote for the skeptics

1430

01:02:52,450 --> 01:02:50,410

that's what I say mothers thank you what

1431

01:02:56,359 --> 01:02:52,460

thanks for having me Richard Hansen

1432

01:03:00,950 --> 01:02:56,369

and for this think tank in our cupboard

1433

01:03:02,990 --> 01:03:00,960

under the stairs nice i'm at storage p

1434

01:03:34,800 --> 01:03:03,000

it is looking at old speakers in here

1435

01:03:39,160 --> 01:03:37,270

thank you for listening to the skeptic

1436

01:03:41,440 --> 01:03:39,170

zone and I can't wait to see you down in

1437

01:03:43,480 --> 01:03:41,450

Canberra and a few weeks Tyron don't

1438

01:03:47,130 --> 01:03:43,490

forget there's all sorts of them fringe

1439

01:03:50,500 --> 01:03:47,140

events happening for free the convention

1440

01:03:53,290 --> 01:03:50,510

all the information national skeptics

1441

01:03:54,760 --> 01:03:53,300

convention dot org should be very

1442

01:03:57,510 --> 01:03:54,770

interesting it's going to be a bit of a

1443

01:03:59,920 --> 01:03:57,520

mixture of conspiracy theories JFK

1444

01:04:01,359 --> 01:03:59,930

Doctor Who because it's the 50th

1445

01:04:04,599 --> 01:04:01,369

anniversary of Doctor Who at the same

1446

01:04:06,640 --> 01:04:04,609

time lots of fun with Maynard and myself

1447

01:04:08,290 --> 01:04:06,650

and dr. AG and Iran so give and all

1448

01:04:12,250 --> 01:04:08,300

sorts of special guests and Chris French

1449

01:04:13,839 --> 01:04:12,260

from the UK and Chrissy Wilson Wow can't

1450

01:04:14,890 --> 01:04:13,849

wait to get there can't wait to get

1451

01:04:17,410 --> 01:04:14,900

there we're going to have a great time

1452

01:04:20,290 --> 01:04:17,420

and if you are coming along please come

1453

01:04:23,800 --> 01:04:20,300

up and say hello i love to have a chat

1454

01:04:28,120 --> 01:04:23,810

with you meet you and share a joke share

1455

01:04:30,370 --> 01:04:28,130

a drink share a bent spoon speaking of

1456

01:04:32,020 --> 01:04:30,380

bend spoons will be awarding the bent

1457

01:04:33,400 --> 01:04:32,030

spoon price at the National Convention

1458

01:04:37,180 --> 01:04:33,410

and who's going to win it this year

1459

01:04:38,800 --> 01:04:37,190

which which pseudoscience or psychic

1460

01:04:41,050 --> 01:04:38,810

type claim is going to win the

1461

01:04:43,150 --> 01:04:41,060

australian skeptics bent spoon award

1462

01:04:45,190 --> 01:04:43,160

well if you come along to the convention

1463

01:04:47,770 --> 01:04:45,200

and come to the dinner you'll find out

1464

01:04:50,859 --> 01:04:47,780

straight away coming up on next week's

1465

01:04:53,859 --> 01:04:50,869

show more from Maynard the recent

1466

01:04:57,309 --> 01:04:53,869

skeptic amp and i'll be giving a report

1467

01:04:58,599 --> 01:04:57,319

about the young scientists award here in

1468

01:05:00,670 --> 01:04:58,609

New South Wales which I'm attending

1469

01:05:02,650 --> 01:05:00,680

tomorrow as a matter of fact I'm going

1470

01:05:04,240 --> 01:05:02,660

down to give out some prizes and give a

1471

01:05:05,950 --> 01:05:04,250

little talk to the young scientist

1472

01:05:07,359 --> 01:05:05,960

really looking forward to that it's one

1473

01:05:09,670 --> 01:05:07,369

of the perks of the job I guess you

1474

01:05:12,609 --> 01:05:09,680

could say but until next week this is

1475

01:05:16,829 --> 01:05:12,619

Richard Saunders signing off from Sydney

1476

01:05:24,250 --> 01:05:19,240

you've been listening to the skeptic

1477

01:05:28,030 --> 01:05:24,260

zone visit our website at [www skeptics](http://www.skeptics)