

1
00:00:00,000 --> 00:00:09,089
[Music]

2
00:00:05,929 --> 00:00:11,839
welcome to the skeptic zone the podcast

3
00:00:09,089 --> 00:00:13,919
from Australia for science and reason

4
00:00:11,839 --> 00:00:16,890
[Music]

5
00:00:13,919 --> 00:00:22,550
[Applause]

6
00:00:16,890 --> 00:00:25,380
[Music]

7
00:00:22,550 --> 00:00:27,719
hello and welcome to the skeptics own

8
00:00:25,379 --> 00:00:31,199
podcast episode number four hundred and

9
00:00:27,719 --> 00:00:33,899
forty-two 42 yes the meaning for life

10
00:00:31,199 --> 00:00:38,128
the universe and everything 442 for the

11
00:00:33,899 --> 00:00:40,738
ninth of april 2017 richardsaunders here

12
00:00:38,128 --> 00:00:43,488
with you from a soggy Sydney Australia

13
00:00:40,738 --> 00:00:47,909
in fact only a couple of hours ago a

14
00:00:43,488 --> 00:00:50,549
giant arc of a storm front came right

15
00:00:47,909 --> 00:00:52,979
through Sydney lightning thunder cats

16
00:00:50,549 --> 00:00:55,530
dogs goldfish everything he could

17
00:00:52,979 --> 00:00:59,698
imagine falling from the sky it seems to

18
00:00:55,530 --> 00:01:01,020
have gone now and there's more to the

19
00:00:59,698 --> 00:01:03,659
corner she was watching the lightning

20
00:01:01,020 --> 00:01:05,489
out the window she's walking across the

21
00:01:03,659 --> 00:01:07,289
desks he's getting closer and she's

22
00:01:05,489 --> 00:01:10,109
jumping on the floor and she wants me to

23
00:01:07,289 --> 00:01:12,239
play with that you think it's easy

24
00:01:10,109 --> 00:01:15,329
recording the skeptics own podcast I can

25
00:01:12,239 --> 00:01:18,299
you sit there and be a good cat while I

26
00:01:15,329 --> 00:01:19,920
tell the year thank you well I tell

27
00:01:18,299 --> 00:01:21,840
everybody what's coming up on this

28
00:01:19,920 --> 00:01:24,689
week's episode of the skeptic zone we're

29

00:01:21,840 --> 00:01:27,240
gonna kick off with mandy lee noble the

30
00:01:24,689 --> 00:01:29,188
diet skeptic this week mandy lee is

31
00:01:27,239 --> 00:01:33,179
going to be telling us all about myths

32
00:01:29,188 --> 00:01:35,188
and misconceptions about coconut oil i

33
00:01:33,180 --> 00:01:37,590
used to use coconut oil when I was a kid

34
00:01:35,188 --> 00:01:39,989
as sunscreen I don't know if that was a

35
00:01:37,590 --> 00:01:42,060
very good idea coconut oil I do like the

36
00:01:39,989 --> 00:01:45,089
taste of it but what are some of the

37
00:01:42,060 --> 00:01:47,549
misconceptions about coconut oil is it

38
00:01:45,090 --> 00:01:49,740
the Wonder natural super duper food

39
00:01:47,549 --> 00:01:51,960
wheel here about find out at the top of

40
00:01:49,739 --> 00:01:54,810
the show with mandy lee noble following

41
00:01:51,959 --> 00:01:58,019
that it's dr. ray cheer apportis this

42
00:01:54,810 --> 00:02:00,740
week dr. Reggie found herself on ABC

43
00:01:58,019 --> 00:02:03,359

radio here in Australia talking about

44

00:02:00,739 --> 00:02:04,919
conspiracy theories so what we're going

45

00:02:03,359 --> 00:02:08,269
to bring you is part of dr. Reggie

46

00:02:04,920 --> 00:02:12,299
reports this week is a highlights

47

00:02:08,269 --> 00:02:15,030
truncated version of the radio interview

48

00:02:12,299 --> 00:02:18,150
she did on ABC radio if you want to hear

49

00:02:15,030 --> 00:02:20,969
the full talk the full interview which

50

00:02:18,150 --> 00:02:23,039
goes for much longer I'll put a link in

51

00:02:20,969 --> 00:02:25,680
the show notes but highlights of dr.

52

00:02:23,039 --> 00:02:28,229
rachey talking about conspiracy theories

53

00:02:25,680 --> 00:02:31,230
following that it's brouhaha from

54

00:02:28,229 --> 00:02:33,179
Australia science TV and this week Ben

55

00:02:31,229 --> 00:02:36,078
Lewis will be telling us about how

56

00:02:33,180 --> 00:02:38,790
you we asked you how you can help

57

00:02:36,079 --> 00:02:41,968
science and we have a story from the

58
00:02:38,789 --> 00:02:45,658
Australian skeptics about the staggering

59
00:02:41,968 --> 00:02:49,438
number of complaints complaints made

60
00:02:45,658 --> 00:02:52,348
about or against chiropractors in

61
00:02:49,438 --> 00:02:54,348
Australia way out of proportion to other

62
00:02:52,348 --> 00:02:58,378
healthcare professionals we might say

63
00:02:54,348 --> 00:03:00,688
complaints about chiropractic a very

64
00:02:58,378 --> 00:03:02,848
worrying report coming up a bit later on

65
00:03:00,688 --> 00:03:04,919
in the show and then we head for

66
00:03:02,848 --> 00:03:06,449
Sydney's skeptics in the pub and we

67
00:03:04,919 --> 00:03:09,000
asked pub goers what their predictions

68
00:03:06,449 --> 00:03:11,938
are huh their psychic predictions are

69
00:03:09,000 --> 00:03:14,280
otherwise for the rest of 2017 tonight

70
00:03:11,938 --> 00:03:16,858
the part of maynard will be played by

71
00:03:14,280 --> 00:03:18,359
Richard Saunders yes it's normally

72
00:03:16,859 --> 00:03:20,579
maynard running around skeptics in the

73
00:03:18,359 --> 00:03:23,189
pub with his microphone using dispose

74
00:03:20,579 --> 00:03:25,769
this week so I play the part of Maynard

75
00:03:23,188 --> 00:03:29,280
and i'm using a backup microphone so

76
00:03:25,769 --> 00:03:31,500
you'll hear a bit of popping so just be

77
00:03:29,280 --> 00:03:33,780
aware for that and then to round off the

78
00:03:31,500 --> 00:03:36,239
show a very brief report recorded this

79
00:03:33,780 --> 00:03:38,939
afternoon I spend the afternoon with

80
00:03:36,239 --> 00:03:42,180
some lovely people from the stranger

81
00:03:38,939 --> 00:03:45,628
things meetup group where we spent hours

82
00:03:42,180 --> 00:03:47,519
poring over psychic predictions as part

83
00:03:45,628 --> 00:03:51,560
of this project the great prediction

84
00:03:47,519 --> 00:03:53,669
project and it was all a matter of

85
00:03:51,560 --> 00:03:56,400
researching their predictions to see if

86

00:03:53,669 --> 00:03:58,169
they were true or otherwise a big task

87
00:03:56,400 --> 00:04:01,560
and I think there'll be many more

88
00:03:58,169 --> 00:04:04,469
afternoons of concerted effort marking

89
00:04:01,560 --> 00:04:06,569
psychics homework to not sort of things

90
00:04:04,469 --> 00:04:10,228
and what do you do for a living I mark

91
00:04:06,568 --> 00:04:11,578
the homework of psychics and I see now

92
00:04:10,229 --> 00:04:12,930
here's a note to those people have

93
00:04:11,579 --> 00:04:15,689
written into the skeptic zone in the

94
00:04:12,930 --> 00:04:17,639
last week to congratulate Maynard and

95
00:04:15,688 --> 00:04:20,848
here's win at the Castaway podcast

96
00:04:17,639 --> 00:04:22,288
awards at Manor calm today you you can

97
00:04:20,848 --> 00:04:26,788
hear Maynard's award-winning funny

98
00:04:22,288 --> 00:04:28,889
podcast great stuff ah the note is thank

99
00:04:26,788 --> 00:04:30,629
you that's really fab fabulous that

100
00:04:28,889 --> 00:04:32,908

you're thinking you may not you can

101

00:04:30,629 --> 00:04:34,288

contact team direct at mayanic com that

102

00:04:32,908 --> 00:04:36,389

a you and for those people who are

103

00:04:34,288 --> 00:04:38,908

inquiring about using Maynard further

104

00:04:36,389 --> 00:04:41,210

gigs and whatever that's the place to do

105

00:04:38,908 --> 00:04:43,288

it Maynard calm today you a

106

00:04:41,209 --> 00:04:46,329

congratulations once again may not what

107

00:04:43,288 --> 00:04:48,848

a fun night that was and I think

108

00:04:46,329 --> 00:04:50,829

and I hope there will be lots of videos

109

00:04:48,848 --> 00:04:53,769

online soon from the night that I was

110

00:04:50,829 --> 00:04:56,500

taking I've made out on the red carpet

111

00:04:53,769 --> 00:04:58,538

but i will keep you informed about that

112

00:04:56,500 --> 00:04:59,800

day in the coming weeks well that's

113

00:04:58,538 --> 00:05:01,568

enough for me at the moment I that more

114

00:04:59,800 --> 00:05:04,060

the cat's gone outside the door of the

115
00:05:01,569 --> 00:05:06,550
studio don't know why she's probably

116
00:05:04,060 --> 00:05:08,348
going she's cheese gone downstairs it's

117
00:05:06,550 --> 00:05:10,419
time for more she ran down the stairs

118
00:05:08,348 --> 00:05:12,819
she's looking for more cat food i'm

119
00:05:10,418 --> 00:05:15,968
going to run down i'm not going to have

120
00:05:12,819 --> 00:05:20,979
cat food i'm going to have some avocado

121
00:05:15,968 --> 00:05:22,990
and toast yes avocado on toast maybe

122
00:05:20,978 --> 00:05:25,990
with a bit of veggie white it's a good

123
00:05:22,990 --> 00:05:28,300
combination it really is I don't care

124
00:05:25,990 --> 00:05:29,990
what you say well I do that I hope you

125
00:05:28,300 --> 00:05:44,019
enjoy the skeptics are

126
00:05:29,990 --> 00:05:44,019
[Music]

127
00:05:44,990 --> 00:05:50,329
that looks good enough to eat or does it

128
00:05:51,410 --> 00:05:57,860
here's the diet skeptic mandy lee Noble

129
00:05:55,680 --> 00:05:59,449
[Laughter]

130
00:05:57,860 --> 00:06:03,210
[Music]

131
00:05:59,449 --> 00:06:06,810
hello skeptics own listeners mantilini

132
00:06:03,209 --> 00:06:13,589
noble here dietitian and skeptic

133
00:06:06,810 --> 00:06:15,959
reporting from Brisbane this week on the

134
00:06:13,589 --> 00:06:19,888
diet skeptic report I will be

135
00:06:15,959 --> 00:06:23,008
investigating coconut oil the use of

136
00:06:19,889 --> 00:06:25,710
coconut oil has been very popular the

137
00:06:23,009 --> 00:06:29,340
song time with health and wellness gurus

138
00:06:25,709 --> 00:06:32,758
such as celebrity chef pete evans lola

139
00:06:29,339 --> 00:06:35,279
berry and sarah wilson they have

140
00:06:32,759 --> 00:06:37,680
attested to coconut oils excellent

141
00:06:35,279 --> 00:06:41,189
cooking properties and superior health

142
00:06:37,680 --> 00:06:43,650
benefits unfortunately time does not

143

00:06:41,189 --> 00:06:45,990
permit me to examine every claim made

144
00:06:43,649 --> 00:06:48,810
about coconut oil on the diet skeptic

145
00:06:45,990 --> 00:06:51,120
report so today I will address some of

146
00:06:48,810 --> 00:06:54,180
the key underlying misconceptions that

147
00:06:51,120 --> 00:06:58,288
have led to coconut oil being perceived

148
00:06:54,180 --> 00:07:01,319
as a modern-day panacea the first

149
00:06:58,288 --> 00:07:05,218
misconception is a simple one this

150
00:07:01,319 --> 00:07:08,968
coconut oil have a high smoke point the

151
00:07:05,218 --> 00:07:11,370
answer is no coconut oil does have a

152
00:07:08,968 --> 00:07:14,218
slightly higher smoke point than butter

153
00:07:11,370 --> 00:07:19,009
but it is much lower than olive oil

154
00:07:14,218 --> 00:07:21,930
canola oil avocado oil and nut oils

155
00:07:19,009 --> 00:07:24,658
coconut oil is not a good choice for

156
00:07:21,930 --> 00:07:27,718
high temperature cooking like shallow or

157
00:07:24,658 --> 00:07:31,379

deep frame and should only be used for

158

00:07:27,718 --> 00:07:34,348

lights or tain however coconut oil is

159

00:07:31,379 --> 00:07:37,050

very stable at room temperature it has a

160

00:07:34,348 --> 00:07:39,959

long shelf life and can be stored in the

161

00:07:37,050 --> 00:07:42,150

pantry without going rancid the

162

00:07:39,959 --> 00:07:45,088

properties of coconut oil make it a good

163

00:07:42,149 --> 00:07:49,259

substitute for dairy in dairy free and

164

00:07:45,088 --> 00:07:51,689

vegan desserts the second misconception

165

00:07:49,259 --> 00:07:54,870

is a bit tricky but an important one to

166

00:07:51,689 --> 00:07:58,110

understand those who promote coconut oil

167

00:07:54,870 --> 00:08:02,519

as a healthy fat often claim that it's

168

00:07:58,110 --> 00:08:05,310

absorbed differently to other fats but

169

00:08:02,519 --> 00:08:07,829

is this the case the answer is a bit

170

00:08:05,310 --> 00:08:11,579

complicated but for all intents and

171

00:08:07,829 --> 00:08:14,099

purposes no coconut oil is made up of a

172
00:08:11,579 --> 00:08:17,879
fixed ratio of different facts that are

173
00:08:14,100 --> 00:08:19,530
different lengths around fifteen percent

174
00:08:17,879 --> 00:08:22,759
of the facts that make up coconut oil

175
00:08:19,529 --> 00:08:25,979
are ten carbon atoms in length or less

176
00:08:22,759 --> 00:08:28,589
they are described as medium chain

177
00:08:25,980 --> 00:08:31,020
length fatty acids and they are unlike

178
00:08:28,589 --> 00:08:33,809
other dietary fats in the day absorbed

179
00:08:31,019 --> 00:08:35,340
directly from the digestive system into

180
00:08:33,809 --> 00:08:39,089
the blood where they can be used as

181
00:08:35,340 --> 00:08:41,399
energy other dietary fats are long chain

182
00:08:39,090 --> 00:08:44,190
fatty acids they've broken down with

183
00:08:41,399 --> 00:08:47,340
bile and digestive enzymes before

184
00:08:44,190 --> 00:08:49,800
absorbed in packages called chylomicrons

185
00:08:47,340 --> 00:08:53,180
that transport the fatty acids to be

186
00:08:49,799 --> 00:08:57,149
used as energy or stored as fat tissue

187
00:08:53,179 --> 00:09:00,120
the confusion with coconut oil is with

188
00:08:57,149 --> 00:09:03,329
the lauric acid component lauric acid is

189
00:09:00,120 --> 00:09:06,179
a fact that is 12 carbon atoms in length

190
00:09:03,330 --> 00:09:08,490
it makes up about fifty percent of

191
00:09:06,179 --> 00:09:10,500
coconut oil the remaining thirty five

192
00:09:08,490 --> 00:09:14,610
percent of coconut oil is made up of

193
00:09:10,500 --> 00:09:16,710
long length facts lauric acid is

194
00:09:14,610 --> 00:09:19,320
sometimes called a medium chain fatty

195
00:09:16,710 --> 00:09:22,590
acid and at other times it is called a

196
00:09:19,320 --> 00:09:25,020
long chain fatty acid but it is mostly

197
00:09:22,590 --> 00:09:27,690
digested like a long-chain fatty acid

198
00:09:25,019 --> 00:09:30,120
this means that most of the facts the

199
00:09:27,690 --> 00:09:33,450
makeup coconut oil are broken down with

200

00:09:30,120 --> 00:09:37,110
bile and digestive enzymes and absorbed

201
00:09:33,450 --> 00:09:39,720
as chylomicrons regular coconut oil is

202
00:09:37,110 --> 00:09:42,810
sometimes confused with artificial

203
00:09:39,720 --> 00:09:44,220
preparations of medium chain fatty acids

204
00:09:42,809 --> 00:09:47,329
that are called medium chain

205
00:09:44,220 --> 00:09:50,279
triglycerides these are artificial

206
00:09:47,330 --> 00:09:53,340
preparations are used in research and

207
00:09:50,279 --> 00:09:56,909
have special medical applications they

208
00:09:53,340 --> 00:09:58,680
are derived from coconut or palm oil but

209
00:09:56,909 --> 00:10:02,309
they only contain the fats that are

210
00:09:58,679 --> 00:10:02,909
eight or ten carbons in length medium

211
00:10:02,309 --> 00:10:04,739
chain

212
00:10:02,909 --> 00:10:07,949
triglycerides are given to those who

213
00:10:04,740 --> 00:10:10,830
cannot digest regular fats found in food

214
00:10:07,950 --> 00:10:13,710

due to medical conditions that are added

215

00:10:10,830 --> 00:10:16,920

to medical supplements and preterm

216

00:10:13,710 --> 00:10:18,990

infant formulas given under medical

217

00:10:16,919 --> 00:10:22,799

supervision as I have the potential for

218

00:10:18,990 --> 00:10:25,200

serious side effects the misconception

219

00:10:22,799 --> 00:10:28,049

about the absorption of fats in coconut

220

00:10:25,200 --> 00:10:31,280

oil has come about by scientific and

221

00:10:28,049 --> 00:10:34,979

medical research being misinterpreted

222

00:10:31,279 --> 00:10:37,470

for the experts it can be difficult to

223

00:10:34,980 --> 00:10:40,039

rebut pseudo scientific claims about

224

00:10:37,470 --> 00:10:42,860

health without giving long-winded

225

00:10:40,039 --> 00:10:45,689

explanations of the underlying science

226

00:10:42,860 --> 00:10:47,879

health and wellness gurus muddy the

227

00:10:45,690 --> 00:10:49,800

waters on health and nutrition by

228

00:10:47,879 --> 00:10:52,740

encouraging their followers to ignore

229
00:10:49,799 --> 00:10:55,639
the experts interpretations and attempt

230
00:10:52,740 --> 00:10:59,250
to interpret the research for themselves

231
00:10:55,639 --> 00:11:00,840
the third misconception is especially

232
00:10:59,250 --> 00:11:04,129
important for those who've made the

233
00:11:00,840 --> 00:11:07,009
switched coconut oil for health reasons

234
00:11:04,129 --> 00:11:09,929
does coconut oil have the same

235
00:11:07,009 --> 00:11:14,309
cardiovascular disease risk factors as

236
00:11:09,929 --> 00:11:17,849
other saturated fats the answer to this

237
00:11:14,309 --> 00:11:20,129
is yes coconut oil is ninety percent

238
00:11:17,850 --> 00:11:23,279
saturated fat and has been found to

239
00:11:20,129 --> 00:11:26,700
increase both LDL cholesterol which is a

240
00:11:23,279 --> 00:11:28,769
cardiovascular risk factor and HDL

241
00:11:26,700 --> 00:11:31,830
cholesterol which has cardiovascular

242
00:11:28,769 --> 00:11:34,980
benefits clinical trials and

243
00:11:31,830 --> 00:11:38,730
observational studies have reported that

244
00:11:34,980 --> 00:11:41,730
overall coconut oil raises total

245
00:11:38,730 --> 00:11:44,879
cholesterol and LDL cholesterol to a

246
00:11:41,730 --> 00:11:47,490
slightly lesser extent than butter but

247
00:11:44,879 --> 00:11:50,939
to a higher extent than unsaturated

248
00:11:47,490 --> 00:11:53,129
vegetable oils replacing healthy oils

249
00:11:50,940 --> 00:11:55,140
with coconut oil would reduce the

250
00:11:53,129 --> 00:11:57,600
potential for cardiovascular benefit

251
00:11:55,139 --> 00:12:01,889
while increasing cardiovascular risk

252
00:11:57,600 --> 00:12:04,500
factors of course the advocates of

253
00:12:01,889 --> 00:12:07,889
coconut oil would refute these facts by

254
00:12:04,500 --> 00:12:10,559
pointing out the healthy lipid profiles

255
00:12:07,889 --> 00:12:13,769
and low rates of cardiovascular disease

256
00:12:10,559 --> 00:12:16,528
among indigenous populations who include

257

00:12:13,769 --> 00:12:19,828
coconut in their traditional diets

258
00:12:16,528 --> 00:12:22,259
however for these populations coconut is

259
00:12:19,828 --> 00:12:24,809
often the sole source of saturated fat

260
00:12:22,259 --> 00:12:29,068
in their diet that otherwise consisted

261
00:12:24,809 --> 00:12:31,559
of seafood fruits and vegetables the

262
00:12:29,068 --> 00:12:33,149
final misconception is that coconut oil

263
00:12:31,559 --> 00:12:37,378
can be used as an alternative to

264
00:12:33,149 --> 00:12:40,198
conventional dental hygiene the ancient

265
00:12:37,379 --> 00:12:43,339
practice of oil pulling or swishing

266
00:12:40,198 --> 00:12:46,669
edible oil between one's teeth for up to

267
00:12:43,339 --> 00:12:48,660
20 minutes has made a modern-day

268
00:12:46,669 --> 00:12:51,870
resurrection but there is little

269
00:12:48,659 --> 00:12:54,539
evidence of it being beneficial beyond

270
00:12:51,870 --> 00:12:57,629
the mechanical action of dislodging food

271
00:12:54,539 --> 00:12:59,879

from around the teeth due to a lack of

272

00:12:57,629 --> 00:13:02,480

evidence the American Dental Authority

273

00:12:59,879 --> 00:13:05,579

does not recommend oil pulling as a

274

00:13:02,480 --> 00:13:10,170

supplementary or placement practice to

275

00:13:05,578 --> 00:13:12,808

standard oral care so the final word on

276

00:13:10,169 --> 00:13:15,269

coconut oil is to ignore the hype and

277

00:13:12,808 --> 00:13:18,688

enjoy coconut oil within the guidelines

278

00:13:15,269 --> 00:13:22,110

for other saturated fats considering

279

00:13:18,688 --> 00:13:24,688

individual cardiovascular risk include

280

00:13:22,110 --> 00:13:27,568

coconut oil and amounts that provide

281

00:13:24,688 --> 00:13:31,230

desirable flavors and textures and the

282

00:13:27,568 --> 00:13:33,808

background of a balanced start thank you

283

00:13:31,230 --> 00:13:35,509

listeners until next time this has been

284

00:13:33,808 --> 00:13:40,799

the diet skeptic

285

00:13:35,509 --> 00:13:43,250

[Music]

286
00:13:40,799 --> 00:13:50,549
[Applause]

287
00:13:43,250 --> 00:13:53,139
[Music]

288
00:13:50,549 --> 00:13:55,389
did you see that UFO sighting that made

289
00:13:53,139 --> 00:13:57,100
the news what did that latest study

290
00:13:55,389 --> 00:13:59,529
about alternative treatments really say

291
00:13:57,100 --> 00:14:02,500
is this photo making the rounds real or

292
00:13:59,529 --> 00:14:04,360
hoax doubtful news is a unique website

293
00:14:02,500 --> 00:14:06,519
featuring news about pseudoscience the

294
00:14:04,360 --> 00:14:08,220
paranormal anomalies and questionable

295
00:14:06,519 --> 00:14:11,169
claims framed with the skeptical view

296
00:14:08,220 --> 00:14:12,930
come visit doubtful newscom every day

297
00:14:11,169 --> 00:14:16,659
for news about cryptozoology

298
00:14:12,929 --> 00:14:19,569
conspiracies shams scams and more follow

299
00:14:16,659 --> 00:14:21,129
us on twitter at doubtful news critical

300
00:14:19,570 --> 00:14:23,410
thinking is essential in assessing

301
00:14:21,129 --> 00:14:27,240
today's news duffel news helps you

302
00:14:23,409 --> 00:14:27,240
decide can you really believe this stuff

303
00:14:32,169 --> 00:14:40,599
now it's time for doctor rating reports

304
00:14:35,289 --> 00:14:43,778
with dr. Rachel Dunlop on Triple 6am

305
00:14:40,600 --> 00:14:47,050
digital radio and the ABC radio app this

306
00:14:43,778 --> 00:14:49,299
is afternoons on ABC Radio Canberra now

307
00:14:47,049 --> 00:14:51,069
you might recall we spoke to dr. Rachel

308
00:14:49,299 --> 00:14:53,259
Dunlop a few weeks ago it was on the

309
00:14:51,070 --> 00:14:55,420
validity or otherwise of seeking medical

310
00:14:53,259 --> 00:14:57,519
advice online through things like dr.

311
00:14:55,419 --> 00:15:00,399
Google well it turns out she loves a

312
00:14:57,519 --> 00:15:02,019
good conspiracy theory too and since she

313
00:15:00,399 --> 00:15:04,120
started living and working in the US

314

00:15:02,019 --> 00:15:06,789
this year she now finds herself in prime

315
00:15:04,120 --> 00:15:10,509
territory for the latest from the tin

316
00:15:06,789 --> 00:15:14,198
foil hat wearers now Rachel good

317
00:15:10,509 --> 00:15:16,539
afternoon or good evening for you good

318
00:15:14,198 --> 00:15:18,609
now I'm going to start by reading the

319
00:15:16,539 --> 00:15:21,490
note that you sent to Brett last week to

320
00:15:18,610 --> 00:15:22,629
talk about this you said quote I've been

321
00:15:21,490 --> 00:15:24,490
monitoring the latest conspiracy

322
00:15:22,629 --> 00:15:26,889
theories and new one is that Australia

323
00:15:24,490 --> 00:15:28,778
doesn't exist because England made it up

324
00:15:26,889 --> 00:15:30,698
to send convicts off the end of a flat

325
00:15:28,778 --> 00:15:33,820
earth what on earth are you talking

326
00:15:30,698 --> 00:15:36,669
about yeah this was one that happened

327
00:15:33,820 --> 00:15:38,320
when you were away actually and it's fun

328
00:15:36,669 --> 00:15:40,269

it turns out that it might be a little

329

00:15:38,320 --> 00:15:41,528

bit tongue-in-cheek but when it was

330

00:15:40,269 --> 00:15:44,889

first sent out it was taken very

331

00:15:41,528 --> 00:15:47,259

seriously it was a person in Scandinavia

332

00:15:44,889 --> 00:15:49,600

who decided that they would post this on

333

00:15:47,259 --> 00:15:51,970

Facebook and basically what they said is

334

00:15:49,600 --> 00:15:54,459

that it's a hoax and like you said

335

00:15:51,970 --> 00:15:56,290

Britain moved all the criminals out of

336

00:15:54,458 --> 00:15:58,359

England but really just like send them

337

00:15:56,289 --> 00:16:02,049

into the sea instead that they went to

338

00:15:58,360 --> 00:16:03,278

Australia so she was also saying if you

339

00:16:02,049 --> 00:16:05,439

think you've been to Australia you're

340

00:16:03,278 --> 00:16:06,578

terribly wrong and all the pilots have

341

00:16:05,440 --> 00:16:12,790

been on this and it's all a big

342

00:16:06,578 --> 00:16:14,588

conspiracy where am i right now I'm on a

343
00:16:12,789 --> 00:16:18,549
fine but I could just be calling to see

344
00:16:14,589 --> 00:16:20,230
I don't know now why why on earth do

345
00:16:18,549 --> 00:16:21,939
conspiracy theories begin in the first

346
00:16:20,230 --> 00:16:25,389
place and why are some of them so

347
00:16:21,940 --> 00:16:27,250
believable well I guess I mean

348
00:16:25,389 --> 00:16:29,379
conspiracy theories really are an

349
00:16:27,250 --> 00:16:32,769
explanation of of an event or something

350
00:16:29,379 --> 00:16:35,828
that happens that where people invited

351
00:16:32,769 --> 00:16:37,568
conspiracy without reason and they often

352
00:16:35,828 --> 00:16:39,969
do it because they don't want to believe

353
00:16:37,568 --> 00:16:41,979
truth or you know what it's also more

354
00:16:39,970 --> 00:16:43,810
interesting to say that aileas came down

355
00:16:41,980 --> 00:16:45,550
and took away eldest and to you know I

356
00:16:43,809 --> 00:16:47,799
think that he died of obesity and a

357
00:16:45,549 --> 00:16:49,899
heart attack so in some cases that can

358
00:16:47,799 --> 00:16:52,028
actually be really fun but in some cases

359
00:16:49,899 --> 00:16:53,679
they can also be harmful because there

360
00:16:52,028 --> 00:16:55,799
are some that actually called harmed

361
00:16:53,679 --> 00:16:58,448
that depending on what they're about and

362
00:16:55,799 --> 00:17:01,059
the most common and obviously well-known

363
00:16:58,448 --> 00:17:04,209
conspiracy theory is probably the moon

364
00:17:01,059 --> 00:17:08,529
landing as is there ever been a theory

365
00:17:04,209 --> 00:17:10,240
that's run quite so long you know what I

366
00:17:08,529 --> 00:17:12,279
don't think there is I mean this one's

367
00:17:10,240 --> 00:17:14,558
pretty persistent but the other one

368
00:17:12,279 --> 00:17:17,470
maybe is a Roswell incident when yes

369
00:17:14,558 --> 00:17:19,808
people may remember is back in the 50s

370
00:17:17,470 --> 00:17:23,259
there was a weather balloon that landed

371

00:17:19,808 --> 00:17:25,629
in America and it was then taken into a

372
00:17:23,259 --> 00:17:27,068
facility and people said it was UFOs and

373
00:17:25,630 --> 00:17:29,020
that the government was covering up by

374
00:17:27,068 --> 00:17:30,928
saying that it was a weather balloon and

375
00:17:29,019 --> 00:17:33,548
of course then pictures came out of

376
00:17:30,929 --> 00:17:35,980
bodies that looked like aliens and

377
00:17:33,548 --> 00:17:38,048
people were claiming that the government

378
00:17:35,980 --> 00:17:40,990
was doing experiments on aliens in

379
00:17:38,048 --> 00:17:43,569
Roswell in area 51 and that has been a

380
00:17:40,990 --> 00:17:45,130
huge you know tourist attraction in that

381
00:17:43,569 --> 00:17:46,839
part of the states now wherever people

382
00:17:45,130 --> 00:17:50,140
go there to see the aliens there are

383
00:17:46,839 --> 00:17:51,699
alien cafes and everything exactly but

384
00:17:50,140 --> 00:17:53,530
you know it never happens but it's a

385
00:17:51,700 --> 00:17:56,169

good fun story isn't it you know maybe

386

00:17:53,529 --> 00:17:58,509

it did one of the most well you know who

387

00:17:56,169 --> 00:18:00,130

knows maybe it happened who knows and

388

00:17:58,509 --> 00:18:01,629

are they still conspiracy theorists

389

00:18:00,130 --> 00:18:04,150

there around the moon landing in the

390

00:18:01,630 --> 00:18:06,580

United States who still don't believe it

391

00:18:04,150 --> 00:18:07,900

ever happened yeah there are still

392

00:18:06,579 --> 00:18:11,500

plenty of them and you know not that

393

00:18:07,900 --> 00:18:13,480

long ago Buzz Aldrin who was one of the

394

00:18:11,500 --> 00:18:15,400

astronauts that went and walked on the

395

00:18:13,480 --> 00:18:18,159

moon he actually punched a non believer

396

00:18:15,400 --> 00:18:20,080

in the face and there is footage of this

397

00:18:18,159 --> 00:18:22,270

on youtube because he had this guy he

398

00:18:20,079 --> 00:18:24,879

was filming a documentary who approached

399

00:18:22,269 --> 00:18:27,519

him after he'd given a speech and called

400
00:18:24,880 --> 00:18:29,620
him a liar and a fraud for making money

401
00:18:27,519 --> 00:18:31,119
of speaking about him go him going to

402
00:18:29,619 --> 00:18:34,418
the mirror he lost his temper and he

403
00:18:31,119 --> 00:18:35,649
punched him in the face you know which

404
00:18:34,419 --> 00:18:36,730
is probably not that fun for the

405
00:18:35,650 --> 00:18:38,110
non-believer but yeah there's still

406
00:18:36,730 --> 00:18:41,230
plenty of people that believe that the

407
00:18:38,109 --> 00:18:44,259
moon landings never happened and how

408
00:18:41,230 --> 00:18:46,750
much do you think the internet drives

409
00:18:44,259 --> 00:18:48,730
these conspiracy theories is it worse

410
00:18:46,750 --> 00:18:52,419
today do you think than it was back in

411
00:18:48,730 --> 00:18:54,039
the day absolutely i mean i don't know

412
00:18:52,419 --> 00:18:55,870
Laura if you have heard

413
00:18:54,039 --> 00:18:59,019
Flat Earth Society have you heard of

414
00:18:55,869 --> 00:19:01,000
them might you might think that they

415
00:18:59,019 --> 00:19:02,589
would have died out many years ago with

416
00:19:01,000 --> 00:19:04,960
the advancement of science and us being

417
00:19:02,589 --> 00:19:06,250
able to circumnavigate the globe and you

418
00:19:04,960 --> 00:19:08,799
know it's actually determined that the

419
00:19:06,250 --> 00:19:10,509
earth is round but they reinvigorated

420
00:19:08,799 --> 00:19:12,490
themselves a few years ago and they now

421
00:19:10,509 --> 00:19:14,349
have a website and they have forums

422
00:19:12,490 --> 00:19:16,299
which is very active where people go and

423
00:19:14,349 --> 00:19:18,730
talk about their series of the earth

424
00:19:16,299 --> 00:19:20,559
being flat which by the way is quite

425
00:19:18,730 --> 00:19:22,990
easy to debunk that theory because there

426
00:19:20,559 --> 00:19:26,079
is a Qantas flight that goes from the

427
00:19:22,990 --> 00:19:28,569
east coast of Australia to Chile and it

428

00:19:26,079 --> 00:19:30,639
gets there in about 12 hours and if the

429
00:19:28,569 --> 00:19:32,289
earth wasn't curved it would have to

430
00:19:30,640 --> 00:19:34,690
break the speed of sound to get there in

431
00:19:32,289 --> 00:19:36,460
that time so it's quite easy to bump

432
00:19:34,690 --> 00:19:38,019
that theory but that doesn't mean that

433
00:19:36,460 --> 00:19:39,819
these people won't click on to and say

434
00:19:38,019 --> 00:19:41,200
no no we actually want a disc that's

435
00:19:39,819 --> 00:19:43,329
what they believe will live on a disk

436
00:19:41,200 --> 00:19:44,860
and they can send this information out

437
00:19:43,329 --> 00:19:47,139
across the work very quickly through the

438
00:19:44,859 --> 00:19:49,089
instance reforms which which gets it to

439
00:19:47,140 --> 00:19:50,860
a lot of people who maybe start to

440
00:19:49,089 --> 00:19:52,269
believe it but there you know there's

441
00:19:50,859 --> 00:19:54,099
some other ones that I find really fun

442
00:19:52,269 --> 00:19:56,289

for example there's one called chem

443

00:19:54,099 --> 00:19:58,539
trails which if you ever go to the

444

00:19:56,289 --> 00:20:00,220
northern rivers part of Australia near

445

00:19:58,539 --> 00:20:03,039
nimbin and melon Bimby which has just

446

00:20:00,220 --> 00:20:04,870
been subject to horrific flooding there

447

00:20:03,039 --> 00:20:06,940
are big posters there that are that are

448

00:20:04,869 --> 00:20:09,549
nailed onto trees but say look up

449

00:20:06,940 --> 00:20:11,590
chemtrails and chemtrails are actually

450

00:20:09,549 --> 00:20:14,619
contrails to come out of an aircraft and

451

00:20:11,589 --> 00:20:16,599
they're created by water vapor but

452

00:20:14,619 --> 00:20:18,279
people claim that they're actually being

453

00:20:16,599 --> 00:20:21,039
sprayed deliberately by the government

454

00:20:18,279 --> 00:20:23,980
and they contain chemicals to control

455

00:20:21,039 --> 00:20:27,190
the populations mind and in some cases

456

00:20:23,980 --> 00:20:29,140
they control the control mind-control

457
00:20:27,190 --> 00:20:31,360
chips I think I saw some of these signs

458
00:20:29,140 --> 00:20:33,130
on the side of trees the other day when

459
00:20:31,359 --> 00:20:35,319
I drove past actually i was updating

460
00:20:33,130 --> 00:20:38,500
probably mm-hmm i was wondering what was

461
00:20:35,319 --> 00:20:41,200
all about there well so they actually

462
00:20:38,500 --> 00:20:43,480
contain mind-control chips that then the

463
00:20:41,200 --> 00:20:46,779
government can switch on and control the

464
00:20:43,480 --> 00:20:49,029
population so but Laura do not worry

465
00:20:46,779 --> 00:20:52,720
because you can just disperse those

466
00:20:49,029 --> 00:20:55,149
using vinegar so what you need to do is

467
00:20:52,720 --> 00:20:56,710
get a spray bottle of vinegar and a just

468
00:20:55,150 --> 00:20:58,960
a household fan like a normal family

469
00:20:56,710 --> 00:21:01,059
Jesus summertime and you spray the

470
00:20:58,960 --> 00:21:03,039
vinegar through the fan and it goes up

471
00:21:01,059 --> 00:21:04,629
into the sky and get rid of them and you

472
00:21:03,039 --> 00:21:07,599
can find it on YouTube something must be

473
00:21:04,630 --> 00:21:07,810
true anything you find on youtube we'll

474
00:21:07,599 --> 00:21:09,939
see

475
00:21:07,809 --> 00:21:11,980
when I came across a couple of months

476
00:21:09,940 --> 00:21:14,170
ago and it really had me going for a

477
00:21:11,980 --> 00:21:17,019
while there and and I'm still fascinated

478
00:21:14,170 --> 00:21:19,240
by it but this whole conspiracy theory

479
00:21:17,019 --> 00:21:21,129
that Paul McCartney died in the early

480
00:21:19,240 --> 00:21:24,789
days of the beatles in a car accident

481
00:21:21,130 --> 00:21:26,530
was was replaced by a look-alike and the

482
00:21:24,789 --> 00:21:29,200
real guy now is not really Paul

483
00:21:26,529 --> 00:21:31,480
McCartney have you heard that one I have

484
00:21:29,200 --> 00:21:33,519
heard that one I mean this is kind of it

485

00:21:31,480 --> 00:21:35,440
gets mixed up with the whole Michael

486
00:21:33,519 --> 00:21:37,660
Jackson is not actually dead and elders

487
00:21:35,440 --> 00:21:40,150
never died and then you know works in a

488
00:21:37,660 --> 00:21:42,610
car wash in our zone or something I mean

489
00:21:40,150 --> 00:21:44,560
these ones are pretty ohana no are they

490
00:21:42,609 --> 00:21:47,409
easy to disprove it seems that I ad for

491
00:21:44,559 --> 00:21:52,710
me but Elvis is often seen in past once

492
00:21:47,410 --> 00:21:56,680
a year I think it was personally but I

493
00:21:52,710 --> 00:21:58,029
literally spent maybe 15 minutes and I

494
00:21:56,680 --> 00:22:00,910
knew it wasn't true but I couldn't help

495
00:21:58,029 --> 00:22:04,660
but watch the videos that so supposedly

496
00:22:00,910 --> 00:22:07,029
proved that Paul McCartney was dead you

497
00:22:04,660 --> 00:22:09,550
can't waste a lot of time while I'm

498
00:22:07,029 --> 00:22:10,720
doing things like this crime yeah I

499
00:22:09,549 --> 00:22:12,669

don't know if you've heard of a guy

500

00:22:10,720 --> 00:22:15,039

called David Icke he's quite a famous

501

00:22:12,670 --> 00:22:17,320

conspiracy theorist his English he used

502

00:22:15,039 --> 00:22:19,450

to be a football player and now he's one

503

00:22:17,319 --> 00:22:22,179

of the the doyens of conspiracy theory

504

00:22:19,450 --> 00:22:24,430

and he has this wonderful idea that the

505

00:22:22,180 --> 00:22:31,029

royal family are actually reptilians or

506

00:22:24,430 --> 00:22:33,070

lizard people's it does so so basically

507

00:22:31,029 --> 00:22:35,319

they yeah there are bloodline of

508

00:22:33,069 --> 00:22:37,599

reptilians and they're hiding a human

509

00:22:35,319 --> 00:22:39,369

skin until such time as they can come

510

00:22:37,599 --> 00:22:43,329

out and take over the world sounds like

511

00:22:39,369 --> 00:22:46,409

an episode of doctor who actually think

512

00:22:43,329 --> 00:22:48,909

the series of V was based on his story

513

00:22:46,410 --> 00:22:50,290

it's taken on a life of its own now

514
00:22:48,910 --> 00:22:52,600
where people actually believe it it's

515
00:22:50,289 --> 00:22:53,980
true and if you go to youtube again

516
00:22:52,599 --> 00:22:56,889
which is you know scientifically

517
00:22:53,980 --> 00:22:58,930
reviewed and peer-reviewed you will find

518
00:22:56,890 --> 00:23:00,880
videos of like the Queen where they'll

519
00:22:58,930 --> 00:23:02,529
have a little like loser tongue coming

520
00:23:00,880 --> 00:23:05,320
out at certain points to indicate that

521
00:23:02,529 --> 00:23:08,019
she actually is a lizard person thank

522
00:23:05,319 --> 00:23:09,460
you so much dr. Rachel Dunlop it was a

523
00:23:08,019 --> 00:23:12,190
fascinating subject to talk about

524
00:23:09,460 --> 00:23:14,470
appreciate it thanks Laura thanks for

525
00:23:12,190 --> 00:23:15,970
having me that's dr. Rachel Dunlop an

526
00:23:14,470 --> 00:23:17,559
honorary research fellow with Macquarie

527
00:23:15,970 --> 00:23:19,589
University who's currently based at the

528
00:23:17,559 --> 00:23:21,899
Institute for its no medicine

529
00:23:19,589 --> 00:23:24,058
Jackson Hole Wyoming she also describes

530
00:23:21,900 --> 00:23:26,788
herself as a scientist a skeptic and a

531
00:23:24,058 --> 00:23:28,740
seeker of the truth the truth is out

532
00:23:26,788 --> 00:23:42,329
there you're listening to ABC radio

533
00:23:28,740 --> 00:23:45,659
camera and now direct from the cafe at

534
00:23:42,329 --> 00:23:52,048
Australia's science channel its brouhaha

535
00:23:45,659 --> 00:23:54,270
with Ben Lewis Australian researchers

536
00:23:52,048 --> 00:23:56,220
need help to complete the biggest ever

537
00:23:54,269 --> 00:23:58,470
study into the genetics of mental health

538
00:23:56,220 --> 00:24:00,240
so if you've been treated for clinical

539
00:23:58,470 --> 00:24:02,190
depression they want to hear from you or

540
00:24:00,240 --> 00:24:04,589
you will need to do is fill out a survey

541
00:24:02,190 --> 00:24:06,419
and send in the saliva sample and then

542

00:24:04,589 --> 00:24:08,668
that will have everything they need to

543
00:24:06,419 --> 00:24:10,799
work out what genes might be involved in

544
00:24:08,669 --> 00:24:12,630
causing depression and once they know

545
00:24:10,798 --> 00:24:15,058
that they can personalize people's

546
00:24:12,630 --> 00:24:17,100
treatment for genetic studies to be

547
00:24:15,058 --> 00:24:19,678
really useful you need a huge number of

548
00:24:17,099 --> 00:24:21,538
people so I'll asking the public to fill

549
00:24:19,679 --> 00:24:23,880
out surveys the studies might not be

550
00:24:21,538 --> 00:24:25,259
anything you to hear to the next level

551
00:24:23,880 --> 00:24:28,200
and asking them to part with a

552
00:24:25,259 --> 00:24:30,690
biological sample is and if your aim is

553
00:24:28,200 --> 00:24:32,880
twenty thousand samples the only way to

554
00:24:30,690 --> 00:24:34,890
do that is to go large and ask everyone

555
00:24:32,880 --> 00:24:36,480
to help out so it's no wonder this

556
00:24:34,890 --> 00:24:39,270

approach is becoming more and more

557

00:24:36,480 --> 00:24:42,028

common so if you're a student a teacher

558

00:24:39,269 --> 00:24:44,639

a fireman a policewoman a chef or a

559

00:24:42,028 --> 00:24:46,339

scientist expect more chances to

560

00:24:44,640 --> 00:24:49,140

contribute to the scientific process

561

00:24:46,339 --> 00:24:51,619

because while science is great sometimes

562

00:24:49,140 --> 00:24:54,990

it needs a bit of help

563

00:24:51,619 --> 00:25:01,759

for more brouhaha and Australian science

564

00:24:54,990 --> 00:25:01,759

head for ww Australia science not TV

565

00:25:02,829 --> 00:25:08,730

[Music]

566

00:25:07,099 --> 00:25:12,439

you

567

00:25:08,730 --> 00:25:16,110

[Music]

568

00:25:12,440 --> 00:25:18,120

now one of the things that can sometimes

569

00:25:16,109 --> 00:25:21,449

surprise people when they are learning

570

00:25:18,119 --> 00:25:23,309

about skepticism they're not surprised

571
00:25:21,450 --> 00:25:28,190
that skeptics are skeptical about things

572
00:25:23,309 --> 00:25:33,029
like UFOs or acupuncture homeopathy

573
00:25:28,190 --> 00:25:34,860
Reiki the list goes on telekinesis spoon

574
00:25:33,029 --> 00:25:38,190
bending all that sort of stuff but when

575
00:25:34,859 --> 00:25:41,189
people hear that the skeptical movement

576
00:25:38,190 --> 00:25:44,009
in general is skeptical of chiropractic

577
00:25:41,190 --> 00:25:45,269
a lot of people are confused because

578
00:25:44,009 --> 00:25:47,279
there's a general feeling in the

579
00:25:45,269 --> 00:25:50,039
community that the chiropractic is a

580
00:25:47,279 --> 00:25:52,829
special branch of medicine and

581
00:25:50,039 --> 00:25:58,470
chiropractic and chiropractors a

582
00:25:52,829 --> 00:26:01,319
legitimate physicians or health care

583
00:25:58,470 --> 00:26:03,390
professionals now I won't go into the

584
00:26:01,319 --> 00:26:04,859
reasons at the moment why the modern

585
00:26:03,390 --> 00:26:07,230
skeptical movement is skeptical of

586
00:26:04,859 --> 00:26:09,389
chiropractic that there's plenty of

587
00:26:07,230 --> 00:26:11,549
information online about that in fact I

588
00:26:09,390 --> 00:26:13,620
can recommend the video by dr. Harriet

589
00:26:11,549 --> 00:26:16,289
hall which we advertised quite

590
00:26:13,619 --> 00:26:18,089
frequently here on the skeptic zone but

591
00:26:16,289 --> 00:26:19,859
this brings me to an article written by

592
00:26:18,089 --> 00:26:22,919
Tim mendham published it skeptics

593
00:26:19,859 --> 00:26:26,119
comdata you which is another angle to

594
00:26:22,920 --> 00:26:28,440
this story chiropractic profession

595
00:26:26,119 --> 00:26:31,829
outperforms all others on number of

596
00:26:28,440 --> 00:26:33,750
complaints chiropractors makeup

597
00:26:31,829 --> 00:26:35,789
two-point-eight percent of all

598
00:26:33,750 --> 00:26:38,880
registered health practitioners across

599

00:26:35,789 --> 00:26:41,579
the national scheme and yet complaints

600
00:26:38,880 --> 00:26:45,680
about possible statutory offenses by

601
00:26:41,579 --> 00:26:48,509
chiropractors in 2015 2016 constituted

602
00:26:45,680 --> 00:26:51,029
44.6 percent of all such complaints

603
00:26:48,509 --> 00:26:53,490
across all of the 14 registered health

604
00:26:51,029 --> 00:26:55,819
professions the figures are revealed in

605
00:26:53,490 --> 00:26:59,460
a profession specific annual report

606
00:26:55,819 --> 00:27:01,379
summary titled quote managing risk to

607
00:26:59,460 --> 00:27:03,750
the public regulation at work in

608
00:27:01,380 --> 00:27:06,060
Australia in quote this looks into the

609
00:27:03,750 --> 00:27:09,539
work of the chiropractic board of

610
00:27:06,059 --> 00:27:12,539
Australia over the year to 30th of June

611
00:27:09,539 --> 00:27:15,470
2016 and forms part of the 2015-16

612
00:27:12,539 --> 00:27:18,829
annual report of the Australian health

613
00:27:15,470 --> 00:27:21,569

practitioner regulation agency

614

00:27:18,829 --> 00:27:24,808

chiropractors also received nearly twice

615

00:27:21,569 --> 00:27:26,579

the annual average of notifications

616

00:27:24,808 --> 00:27:29,278

two point eight percent of chiropractors

617

00:27:26,579 --> 00:27:32,278

compared with one point five percent

618

00:27:29,278 --> 00:27:35,548

across all professions statutory

619

00:27:32,278 --> 00:27:37,499

offenses breaches of the national law

620

00:27:35,548 --> 00:27:39,269

committed by registered health

621

00:27:37,499 --> 00:27:42,210

practitioners and unregistered

622

00:27:39,269 --> 00:27:45,899

individuals these include unlawful use

623

00:27:42,210 --> 00:27:49,139

of a protected title performing a

624

00:27:45,898 --> 00:27:51,839

registered act holding out claims by

625

00:27:49,138 --> 00:27:55,459

individuals or organizations as to

626

00:27:51,839 --> 00:27:58,288

registration and unlawful advertising

627

00:27:55,460 --> 00:28:00,899

notifications covers all complaints or

628
00:27:58,288 --> 00:28:04,618
concerns as of the 30th of June 2016

629
00:28:00,898 --> 00:28:09,558
there were 5167 registered chiropractors

630
00:28:04,618 --> 00:28:12,439
in Australia Wow 5167 just in Australia

631
00:28:09,558 --> 00:28:15,329
making up two point eight percent of all

632
00:28:12,440 --> 00:28:17,669
registered health practitioners women

633
00:28:15,329 --> 00:28:21,028
make up to thirty eight point five

634
00:28:17,669 --> 00:28:22,440
percent of the profession the total

635
00:28:21,028 --> 00:28:25,888
number of registered chiropractic

636
00:28:22,440 --> 00:28:31,999
students decreased by thirty four point

637
00:28:25,888 --> 00:28:35,219
five percent compared to 2014-15 to 1240

638
00:28:31,999 --> 00:28:37,999
it is the number of complaints and

639
00:28:35,220 --> 00:28:39,899
possible offences which inspired the

640
00:28:37,999 --> 00:28:42,690
chiropractic Board of Australia to

641
00:28:39,898 --> 00:28:43,949
conduct a voluntary anonymous survey of

642
00:28:42,690 --> 00:28:46,558
chiropractors to gain a better

643
00:28:43,950 --> 00:28:49,080
understanding of practitioners knowledge

644
00:28:46,558 --> 00:28:52,200
of their obligations under the National

645
00:28:49,079 --> 00:28:55,349
Law 82 notifications complaints or

646
00:28:52,200 --> 00:28:59,129
concerned were lodged with the ahpra

647
00:28:55,349 --> 00:29:01,319
about chiropractors during the year 601

648
00:28:59,128 --> 00:29:03,898
matters were raised about possible

649
00:29:01,319 --> 00:29:07,109
statutory offenses relating to

650
00:29:03,898 --> 00:29:09,808
chiropractic services in 2015-16 almost

651
00:29:07,109 --> 00:29:12,689
all of these related to unlawful

652
00:29:09,808 --> 00:29:15,960
advertising the statutory offence

653
00:29:12,690 --> 00:29:19,100
complaints constitute 44.6 percent of

654
00:29:15,960 --> 00:29:22,740
all such matters received across all 14

655
00:29:19,099 --> 00:29:25,168
registered health professions and almost

656

00:29:22,740 --> 00:29:27,089
double the rate of notifications across

657
00:29:25,169 --> 00:29:29,460
these professions despite these

658
00:29:27,089 --> 00:29:31,278
staggering numbers there is only one

659
00:29:29,460 --> 00:29:35,819
reference to the offenders in the

660
00:29:31,278 --> 00:29:38,400
reports year in review quote we worked

661
00:29:35,819 --> 00:29:40,349
closely with the ahpra to develop

662
00:29:38,400 --> 00:29:42,240
and refine the process for managing

663
00:29:40,349 --> 00:29:44,669
offences under the national law

664
00:29:42,240 --> 00:29:48,000
particularly in relation to advertising

665
00:29:44,670 --> 00:29:50,100
to ensure matters that pose the highest

666
00:29:48,000 --> 00:29:52,019
risk to the health and safety of the

667
00:29:50,099 --> 00:29:54,269
public are dealt with as quickly as

668
00:29:52,019 --> 00:29:57,779
possible then quote there are no

669
00:29:54,269 --> 00:30:00,539
mentions at all of the figures or even

670
00:29:57,779 --> 00:30:03,059

of the offenders per se in the annual

671

00:30:00,539 --> 00:30:04,829

report message from Wayne Minter chair

672

00:30:03,059 --> 00:30:07,649

of the chiropractic board of Australia

673

00:30:04,829 --> 00:30:11,129

nor the joint message from Michael

674

00:30:07,650 --> 00:30:13,830

Gorton chair of the ahp Ras agency

675

00:30:11,130 --> 00:30:18,120

management committee and Martin Fletcher

676

00:30:13,829 --> 00:30:21,859

CEO of ahpra there are however several

677

00:30:18,119 --> 00:30:25,859

pages of data on offences complaints and

678

00:30:21,859 --> 00:30:28,229

resolutions in 2015-16 the board

679

00:30:25,859 --> 00:30:31,829

conducted a voluntary email survey of

680

00:30:28,230 --> 00:30:34,319

chiropractors the report says that quote

681

00:30:31,829 --> 00:30:36,569

the highest response rate has provided

682

00:30:34,319 --> 00:30:37,980

the board with a better understanding of

683

00:30:36,569 --> 00:30:40,289

chiropractors knowledge of their

684

00:30:37,980 --> 00:30:43,559

obligations under the national law and

685
00:30:40,289 --> 00:30:46,139
the areas in which it may need to

686
00:30:43,559 --> 00:30:48,539
provide more regulatory guidance end

687
00:30:46,140 --> 00:30:51,160
quote this report summary does not

688
00:30:48,539 --> 00:30:54,240
include the results of that survey

689
00:30:51,160 --> 00:30:57,320
[Music]

690
00:30:54,240 --> 00:30:59,759
and it's also worth noting although our

691
00:30:57,319 --> 00:31:02,939
skeptic own fans would be well aware of

692
00:30:59,759 --> 00:31:05,869
this that many chiropractors and not all

693
00:31:02,940 --> 00:31:10,580
of course but many are anti-vaccination

694
00:31:05,869 --> 00:31:13,199
many cling to very old ideas that

695
00:31:10,579 --> 00:31:16,049
disease is caused by miss alignment of

696
00:31:13,200 --> 00:31:17,759
the spine and so on and so forth so

697
00:31:16,049 --> 00:31:20,428
there we go a very thoughtful report

698
00:31:17,759 --> 00:31:24,440
there and that can be read it skeptics

699
00:31:20,429 --> 00:31:24,440
calm and dot a you

700
00:31:25,440 --> 00:31:31,110
[Music]

701
00:31:28,720 --> 00:31:42,699
the

702
00:31:31,109 --> 00:31:42,698
[Music]

703
00:31:47,210 --> 00:31:54,360
dr. Harriet hall md no into thousands as

704
00:31:51,298 --> 00:31:57,480
the skeptic a retired family physician

705
00:31:54,359 --> 00:31:59,519
and former Air Force flight surgeon she

706
00:31:57,480 --> 00:32:01,220
writes about medicine so called

707
00:31:59,519 --> 00:32:05,120
complementary and alternative medicine

708
00:32:01,220 --> 00:32:08,190
science quackery and critical thinking

709
00:32:05,119 --> 00:32:10,648
Harriet now has a free course a series

710
00:32:08,190 --> 00:32:13,798
of ten video lectures on science based

711
00:32:10,648 --> 00:32:15,839
medicine and alternative medicine the

712
00:32:13,798 --> 00:32:17,940
videos and an accompanying course guide

713

00:32:15,839 --> 00:32:22,798
can be found by following the link at

714
00:32:17,940 --> 00:32:27,350
skeptical info or by visiting web Randy's

715
00:32:22,798 --> 00:32:31,129
org slash educational dash modules dot

716
00:32:27,349 --> 00:32:33,388
HTML topics covered in the series are

717
00:32:31,130 --> 00:32:36,500
science-based medicine vs.

718
00:32:33,388 --> 00:32:39,918
evidence-based medicine what is cam

719
00:32:36,500 --> 00:32:43,109
chiropractic acupuncture homeopathy

720
00:32:39,919 --> 00:32:45,240
naturopathy and herbal medicine energy

721
00:32:43,109 --> 00:32:48,418
medicine miscellaneous alternatives

722
00:32:45,240 --> 00:32:51,679
pitfalls in research and science-based

723
00:32:48,419 --> 00:32:54,450
medicine in the media and politics

724
00:32:51,679 --> 00:32:57,028
Harriet covers each topic in a matter of

725
00:32:54,450 --> 00:33:01,890
fact no-nonsense way that sure to

726
00:32:57,028 --> 00:33:24,980
educate and entertain skeptical dot info

727
00:33:01,890 --> 00:33:27,330

[Music]

728

00:33:24,980 --> 00:33:29,039

it's Sydney's skeptics in the pub no

729

00:33:27,329 --> 00:33:30,929

it's not Maynard this week main art is

730

00:33:29,039 --> 00:33:33,269

indisposed is Sir Richard Saunders here

731

00:33:30,930 --> 00:33:37,440

reporting pretending to be may not a

732

00:33:33,269 --> 00:33:40,410

pale a pale imitation a cardboard cutout

733

00:33:37,440 --> 00:33:43,250

of Manor but tonight's big question

734

00:33:40,410 --> 00:33:47,790

since we're I'm involved with this

735

00:33:43,250 --> 00:33:50,190

prediction process project is what do

736

00:33:47,789 --> 00:33:55,109

pub goers predict for the coming year

737

00:33:50,190 --> 00:33:56,850

that's the big question tonight and

738

00:33:55,109 --> 00:33:59,429

we've got somebody new here at skeptics

739

00:33:56,849 --> 00:34:02,519

in the pub in your name is Amy hi only

740

00:33:59,430 --> 00:34:05,070

why are you here I'm here to speak about

741

00:34:02,519 --> 00:34:07,799

and provide some insight into what it is

742
00:34:05,069 --> 00:34:11,699
like to be raised within a cult and how

743
00:34:07,799 --> 00:34:13,559
it is in the recovery process wow how

744
00:34:11,699 --> 00:34:14,730
that's that's it that's embarrassing

745
00:34:13,559 --> 00:34:16,559
because I didn't realize that you were

746
00:34:14,730 --> 00:34:19,590
actually one of our speakers to nothing

747
00:34:16,559 --> 00:34:21,829
oh yeah how embarrassing is that so

748
00:34:19,590 --> 00:34:25,620
tonight we're asking pub goers and

749
00:34:21,829 --> 00:34:30,119
special guests if you had to psychic

750
00:34:25,619 --> 00:34:33,150
magic mystical predictions for the rest

751
00:34:30,119 --> 00:34:35,219
of 2017 they could be about celebrities

752
00:34:33,150 --> 00:34:38,940
or natural disasters or politicians or

753
00:34:35,219 --> 00:34:40,559
the Royals but what's to random magical

754
00:34:38,940 --> 00:34:46,349
predictions you might have oh my

755
00:34:40,559 --> 00:34:48,420
goodness most likely that we're probably

756
00:34:46,349 --> 00:34:50,549
going to get to the closest to the

757
00:34:48,420 --> 00:34:54,409
prologue of the Hunger Games are than

758
00:34:50,550 --> 00:34:54,410
ever before in the political sphere

759
00:34:54,449 --> 00:34:59,730
and hopefully these celebrities and

760
00:34:58,019 --> 00:35:01,849
famous people that died this year are

761
00:34:59,730 --> 00:35:06,539
all the villains you're Charles Manson's

762
00:35:01,849 --> 00:35:08,789
your your your fraudsters your criminals

763
00:35:06,539 --> 00:35:10,349
hopefully this year will see the the end

764
00:35:08,789 --> 00:35:13,409
of their lives rather than that of

765
00:35:10,349 --> 00:35:15,720
Carrie Fisher or David Bowie oh yes a

766
00:35:13,409 --> 00:35:17,399
lot of nice good people died last year

767
00:35:15,719 --> 00:35:19,799
you're hoping that some not so lovely

768
00:35:17,400 --> 00:35:22,108
people I'm hoping the universe may may

769
00:35:19,800 --> 00:35:23,579
balance it out of it I will see if that

770

00:35:22,108 --> 00:35:25,980
prediction comes true thanks to you

771
00:35:23,579 --> 00:35:28,740
thank you that's all right we have

772
00:35:25,980 --> 00:35:31,889
another regular pupper here what do you

773
00:35:28,739 --> 00:35:34,769
think we've always to ask you to give me

774
00:35:31,889 --> 00:35:37,289
your to psychic predictions for 2017

775
00:35:34,769 --> 00:35:41,369
celebrities Royals politicians natural

776
00:35:37,289 --> 00:35:42,449
disasters have a go I well I'm going to

777
00:35:41,369 --> 00:35:48,809
predict things that I would like to

778
00:35:42,449 --> 00:35:52,319
happen sure I predict that that American

779
00:35:48,809 --> 00:35:56,039
politics will improve and I predict that

780
00:35:52,320 --> 00:35:59,010
the movie of SMS foundation will finally

781
00:35:56,039 --> 00:36:01,619
come out well I hope both those

782
00:35:59,010 --> 00:36:03,350
predictions come true thank you you meet

783
00:36:01,619 --> 00:36:05,840
my co duty

784
00:36:03,349 --> 00:36:08,900

it's a Tim mendham from the skeptics

785

00:36:05,840 --> 00:36:12,260

whose reports we often read out on the

786

00:36:08,900 --> 00:36:14,599

skeptic zone this week is patch this

787

00:36:12,260 --> 00:36:16,160

burst weeks Tim if you had to psychic

788

00:36:14,599 --> 00:36:18,860

predictions to give for the rest of the

789

00:36:16,159 --> 00:36:22,879

year what would they be one there'll be

790

00:36:18,860 --> 00:36:25,880

a tragedy in a royal family not saying

791

00:36:22,880 --> 00:36:29,780

where and there will be a major

792

00:36:25,880 --> 00:36:34,240

earthquake in everything Eurasia

793

00:36:29,780 --> 00:36:37,610

somewhere i think i'm looking forward to

794

00:36:34,239 --> 00:36:40,069

Turkey Iran so when you say you're

795

00:36:37,610 --> 00:36:42,140

looking forward yes it might be a bit

796

00:36:40,070 --> 00:36:43,670

that might be a bit unfair but I'm

797

00:36:42,139 --> 00:36:46,279

definitely looking to that part of the

798

00:36:43,670 --> 00:36:47,990

world turkey yeah well okay your

799

00:36:46,280 --> 00:36:52,550

predictions have been noted thank you

800

00:36:47,989 --> 00:36:56,449

very much and what do I win we'll get to

801

00:36:52,550 --> 00:36:58,310

that later well it's my old friend

802

00:36:56,449 --> 00:37:01,159

Claire back here at Sydney skeptics in

803

00:36:58,309 --> 00:37:03,500

the pub hello Claire hi we jiten the

804

00:37:01,159 --> 00:37:05,449

talks over now what the listeners don't

805

00:37:03,500 --> 00:37:07,610

know is there's a big talk about cults

806

00:37:05,449 --> 00:37:10,689

two speakers wow that was quite heavy

807

00:37:07,610 --> 00:37:15,140

wasn't it I was very impressed with the

808

00:37:10,690 --> 00:37:21,059

the clarity that our first speaker

809

00:37:15,139 --> 00:37:23,338

spoke with and her openness to to to

810

00:37:21,059 --> 00:37:25,528

discuss what the effects were all on

811

00:37:23,338 --> 00:37:27,960

herself in her family mainly herself and

812

00:37:25,528 --> 00:37:30,449

it was really I was quite impressed we

813
00:37:27,960 --> 00:37:31,798
and both speakers tonight we had a cold

814
00:37:30,449 --> 00:37:34,259
expert and somebody who was in a cult

815
00:37:31,798 --> 00:37:35,849
Wow blew my mind tonight usually it's

816
00:37:34,259 --> 00:37:38,639
not so heavy at skeptics in the pub but

817
00:37:35,849 --> 00:37:42,568
it was a really interesting topic yes

818
00:37:38,639 --> 00:37:45,389
well I think everyone can can associate

819
00:37:42,568 --> 00:37:48,389
with the concept of being attracted to

820
00:37:45,389 --> 00:37:50,518
an idea it's just that Colts obviously

821
00:37:48,389 --> 00:37:51,960
one is attracted or someone who is

822
00:37:50,518 --> 00:37:54,838
attracted to a cult has attracted on a

823
00:37:51,960 --> 00:37:57,509
higher intensity level I suppose and so

824
00:37:54,838 --> 00:37:59,880
we can all imagine that situation but to

825
00:37:57,509 --> 00:38:02,909
hear someone talking is actually being

826
00:37:59,880 --> 00:38:06,119
in that born into that cold situation

827

00:38:02,909 --> 00:38:09,239
has gotten themselves out is it's really

828
00:38:06,119 --> 00:38:11,400
engaging because you can all associated

829
00:38:09,239 --> 00:38:13,619
with well I'm you gave me to think

830
00:38:11,400 --> 00:38:15,480
engaging is absolutely right now the

831
00:38:13,619 --> 00:38:16,980
question denial Department met the

832
00:38:15,480 --> 00:38:20,309
question tonight I'm asking people if

833
00:38:16,980 --> 00:38:22,769
you had to psychic haha psychic

834
00:38:20,309 --> 00:38:25,079
predictions for the rest of this year it

835
00:38:22,768 --> 00:38:27,028
could be natural disasters or politics

836
00:38:25,079 --> 00:38:29,278
or celebrities or Royals or anything

837
00:38:27,028 --> 00:38:33,170
like that have a go what are your two

838
00:38:29,278 --> 00:38:35,219
psychic predictions oh I'd predict that

839
00:38:33,170 --> 00:38:37,818
politically Donald Trump will be up

840
00:38:35,219 --> 00:38:37,818
within a year

841
00:38:37,880 --> 00:38:49,220

yeah yeah yeah my second weird or not we

842

00:38:42,980 --> 00:38:53,659

have to be geological prediction is that

843

00:38:49,219 --> 00:38:56,599

let me see a super volcano goes off a

844

00:38:53,659 --> 00:38:58,730

super not not just not just a volcano

845

00:38:56,599 --> 00:39:01,279

Yellowstone goes bang no we're not

846

00:38:58,730 --> 00:39:03,679

talking Vesuvius right back super

847

00:39:01,280 --> 00:39:06,260

volcano talking more like Krakatoa its

848

00:39:03,679 --> 00:39:08,239

equivalent in sort of you know attracted

849

00:39:06,260 --> 00:39:10,550

to you know their zombie apocalypse oh

850

00:39:08,239 --> 00:39:12,229

well if it happen to go bang if it

851

00:39:10,550 --> 00:39:17,090

happens we know who to come to our yeah

852

00:39:12,230 --> 00:39:19,610

that's right thanks Claire steadier than

853

00:39:17,090 --> 00:39:23,140

me what's this one don't I know it

854

00:39:19,610 --> 00:39:25,070

doesn't say yes the conversation and the

855

00:39:23,139 --> 00:39:26,989

arguments are going back and forth here

856
00:39:25,070 --> 00:39:29,690
at skeptics in the pub but the question

857
00:39:26,989 --> 00:39:31,519
tonight gentlemen I'm asking Bubba's is

858
00:39:29,690 --> 00:39:33,650
if you had a psychic prediction or two

859
00:39:31,519 --> 00:39:36,289
to give for the rest of 2017 what would

860
00:39:33,650 --> 00:39:39,410
it be there's going to be a bad

861
00:39:36,289 --> 00:39:41,539
earthquake in Wellington New Zealand all

862
00:39:39,409 --> 00:39:44,089
the Xperia are you predicting the past

863
00:39:41,539 --> 00:39:46,519
now no no no no no no this is there was

864
00:39:44,090 --> 00:39:48,410
a earthquake in christchurch all right

865
00:39:46,519 --> 00:39:50,809
there's going to be an earthquake in

866
00:39:48,409 --> 00:39:52,069
Wellington all the expensive houses and

867
00:39:50,809 --> 00:39:58,940
beer and poor going to end up in the

868
00:39:52,070 --> 00:40:02,269
harbor and I predict that Donald Trump

869
00:39:58,940 --> 00:40:05,329
is not going to be impeached despite

870
00:40:02,269 --> 00:40:07,039
predictions not know now there's a bold

871
00:40:05,329 --> 00:40:10,730
prediction you have any predictions for

872
00:40:07,039 --> 00:40:12,800
the rest of the year i believe put on

873
00:40:10,730 --> 00:40:16,900
the spot here and i really I'd like to

874
00:40:12,800 --> 00:40:19,430
wish I knew perhaps I could say that but

875
00:40:16,900 --> 00:40:21,860
Turnbull will will there be a leadership

876
00:40:19,429 --> 00:40:23,839
spill in the essence a leadership spill

877
00:40:21,860 --> 00:40:25,670
for the Prime Minister all right we'll

878
00:40:23,840 --> 00:40:27,640
give me a change for Australian politics

879
00:40:25,670 --> 00:40:30,619
wouldn't that would be unprecedented

880
00:40:27,639 --> 00:40:34,690
almost unprecedented there's never been

881
00:40:30,619 --> 00:40:34,690
a leadership spill from Turnbull

882
00:40:34,920 --> 00:40:40,200
he got some more skeptic in the pub

883
00:40:37,679 --> 00:40:42,269
people here I'm opposed to ask you if

884

00:40:40,199 --> 00:40:44,989
you had a psychic prediction or two for

885
00:40:42,269 --> 00:40:47,699
the rest of 2017 what would they be I

886
00:40:44,989 --> 00:40:49,439
couldn't I couldn't you couldn't know

887
00:40:47,699 --> 00:40:51,088
you could you predict something maybe

888
00:40:49,440 --> 00:40:54,990
for the future of Simon Turnbull or

889
00:40:51,088 --> 00:40:57,420
Donald Trump or yes yes oh yes um he

890
00:40:54,989 --> 00:41:00,479
will resign which one tone below Trump

891
00:40:57,420 --> 00:41:02,460
Trump Trump going to resign and he will

892
00:41:00,480 --> 00:41:05,909
blame everyone else for voting for him

893
00:41:02,460 --> 00:41:17,490
you heard it here first

894
00:41:05,909 --> 00:41:20,608
[Music]

895
00:41:17,489 --> 00:41:23,978
[Applause]

896
00:41:20,608 --> 00:41:26,380
calling all skeptics or listeners do you

897
00:41:23,978 --> 00:41:28,689
live in or near Glasgow or are you

898
00:41:26,380 --> 00:41:30,910

planning to visit something then you're

899

00:41:28,690 --> 00:41:34,298

in luck because the Glasgow scale ticks

900

00:41:30,909 --> 00:41:35,798

have got your monday nights sorted we

901

00:41:34,298 --> 00:41:38,199

are committed to filling up every

902

00:41:35,798 --> 00:41:40,838

available Monday night talks on science

903

00:41:38,199 --> 00:41:43,389

and skepticism past speakers include

904

00:41:40,838 --> 00:41:45,670

Eugenie Scott Jerry Coyne maker Marshall

905

00:41:43,389 --> 00:41:48,969

neat Phelps tolman Cecil from cognitive

906

00:41:45,670 --> 00:41:51,099

dissonance PZ Myers Richard Wiseman AC

907

00:41:48,969 --> 00:41:53,649

grilling nor Heath and Eli from the

908

00:41:51,099 --> 00:41:55,930

scaling atheists Simon Singh rebecca

909

00:41:53,650 --> 00:41:58,749

watson and a multitude of local

910

00:41:55,929 --> 00:42:00,399

academics and skeptics there's literally

911

00:41:58,748 --> 00:42:02,709

nothing better you can do on a monday

912

00:42:00,400 --> 00:42:05,048

night in Glasgow it doesn't revolve

913
00:42:02,710 --> 00:42:07,179
taking your clothes off so come join us

914
00:42:05,048 --> 00:42:09,159
we've also got a vibrant on Lake

915
00:42:07,179 --> 00:42:11,048
Community you can find us on facebook

916
00:42:09,159 --> 00:42:14,048
twitter and get involved with the

917
00:42:11,048 --> 00:42:14,980
discussion class go skeptics self-help

918
00:42:14,048 --> 00:42:15,730
for your brain

919
00:42:14,980 --> 00:42:17,250
[Applause]

920
00:42:15,730 --> 00:42:23,940
[Music]

921
00:42:17,250 --> 00:42:36,460
[Applause]

922
00:42:23,940 --> 00:42:39,550
[Music]

923
00:42:36,460 --> 00:42:42,460
like glorious 80s music we're doing the

924
00:42:39,550 --> 00:42:44,750
research part of the great prediction

925
00:42:42,460 --> 00:42:48,108
project i'm here with stranger things

926
00:42:44,750 --> 00:42:50,659
down under hello ilithyia Trish hello

927
00:42:48,108 --> 00:42:52,579
Lara aye we're all sitting around a

928
00:42:50,659 --> 00:42:54,769
table here in Redfern at Trish's place

929
00:42:52,579 --> 00:42:57,710
with groovy music on in the background

930
00:42:54,769 --> 00:43:02,539
with our laptops on the go and um what

931
00:42:57,710 --> 00:43:07,280
have we made it through 2000 2001 and

932
00:43:02,539 --> 00:43:08,929
turn up to 2002 right but it's only the

933
00:43:07,280 --> 00:43:11,000
predictions that are on the spreadsheet

934
00:43:08,929 --> 00:43:12,980
there's lots more to be filled out and

935
00:43:11,000 --> 00:43:16,429
it's quite an interesting process

936
00:43:12,980 --> 00:43:18,230
wouldn't you say Alethea it's been quite

937
00:43:16,429 --> 00:43:20,118
a journey our process because I think

938
00:43:18,230 --> 00:43:23,389
their problem is all these protections

939
00:43:20,119 --> 00:43:26,300
are couched in such weird vague terms

940
00:43:23,389 --> 00:43:28,159
then it's really hard to verify them or

941

00:43:26,300 --> 00:43:30,530
not is it a prediction or is it just a

942
00:43:28,159 --> 00:43:32,598
description and if they're talking about

943
00:43:30,530 --> 00:43:35,660
someone's feelings that's not very

944
00:43:32,599 --> 00:43:37,880
horrible yeah we just had a big argument

945
00:43:35,659 --> 00:43:40,519
argument a big discussion about lately

946
00:43:37,880 --> 00:43:43,250
his budget about Lleyton Hewitt the

947
00:43:40,519 --> 00:43:45,170
tennis player his ankles because one of

948
00:43:43,250 --> 00:43:46,760
the predictions revolved around his

949
00:43:45,170 --> 00:43:50,349
ankles and who we up to at the moment

950
00:43:46,760 --> 00:43:53,630
Oprah Winfrey one of your favorites

951
00:43:50,349 --> 00:43:57,680
Oprah yeah definitely I was a plastic

952
00:43:53,630 --> 00:44:00,349
yeah and apparently all sorts of things

953
00:43:57,679 --> 00:44:02,809
were installed for her in the year what

954
00:44:00,349 --> 00:44:05,599
are we up to two thousand to fifteen

955
00:44:02,809 --> 00:44:07,579

years ago can you believe it yeah I can

956

00:44:05,599 --> 00:44:09,680

believe it was pretty strange and this

957

00:44:07,579 --> 00:44:14,239

prediction talks about a fallout with a

958

00:44:09,679 --> 00:44:16,929

much revered friend that will greatly

959

00:44:14,239 --> 00:44:20,588

affect her and because she trusted him a

960

00:44:16,929 --> 00:44:23,629

friend she trusted me Garth

961

00:44:20,588 --> 00:44:25,730

so yeah this has been fun afternoon

962

00:44:23,630 --> 00:44:27,170

we've already had our pizza break which

963

00:44:25,730 --> 00:44:29,539

was quite good as the best part I

964

00:44:27,170 --> 00:44:31,220

afternoon in fact but yeah it's just a

965

00:44:29,539 --> 00:44:33,858

matter of going through prediction after

966

00:44:31,219 --> 00:44:35,809

prediction after prediction and deciding

967

00:44:33,858 --> 00:44:38,989

whether their predictions at all or just

968

00:44:35,809 --> 00:44:41,389

waffle and then trying to decide whether

969

00:44:38,989 --> 00:44:43,699

they're true or not or too vague or no

970
00:44:41,389 --> 00:44:44,838
prediction what if you found that no I'm

971
00:44:43,699 --> 00:44:46,909
just saying like when you talking about

972
00:44:44,838 --> 00:44:49,219
it being too vague this one here says

973
00:44:46,909 --> 00:44:50,480
there's a need to reassess her life it's

974
00:44:49,219 --> 00:44:52,338
not even a prediction it's just somebody

975
00:44:50,480 --> 00:44:54,469
giving advice it's like it's a now

976
00:44:52,338 --> 00:44:57,099
currently giving them advice how they do

977
00:44:54,469 --> 00:45:00,919
that alone don't take advice from psyche

978
00:44:57,099 --> 00:45:03,200
that's good advice the trick is advising

979
00:45:00,920 --> 00:45:08,570
like it you can listen to it so this is

980
00:45:03,199 --> 00:45:10,098
a really interesting project it's a long

981
00:45:08,570 --> 00:45:12,230
way to go though but to thank you

982
00:45:10,099 --> 00:45:17,120
stranger things down under for being

983
00:45:12,230 --> 00:45:32,099
part of this this project welcome

984

00:45:17,119 --> 00:45:32,098

[Music]

985

00:45:38,148 --> 00:45:42,808

thank you for listening to the skeptic

986

00:45:40,619 --> 00:45:46,679

zone and a big thank you to Trish Lara

987

00:45:42,809 --> 00:45:49,009

and Alethea who helped me this afternoon

988

00:45:46,679 --> 00:45:51,449

with the great day prediction project

989

00:45:49,009 --> 00:45:54,958

many more afternoons coming up with

990

00:45:51,449 --> 00:45:57,509

pizza and dumb gingerbread cookies a fun

991

00:45:54,958 --> 00:46:00,088

afternoon and but very hard work I must

992

00:45:57,509 --> 00:46:01,938

say it's it's quite an effort to go

993

00:46:00,088 --> 00:46:04,858

through prediction after prediction and

994

00:46:01,938 --> 00:46:07,228

we have hundreds and hundreds more to do

995

00:46:04,858 --> 00:46:08,880

and thank you to those lovely people who

996

00:46:07,228 --> 00:46:11,998

came along to Sydney skeptics in the pub

997

00:46:08,880 --> 00:46:14,398

what a fascinating night that was about

998

00:46:11,998 --> 00:46:16,108
cult you're very worrying but

999
00:46:14,398 --> 00:46:17,578
fascinating all the same and we look

1000
00:46:16,108 --> 00:46:20,068
forward to seeing everybody at Sydney's

1001
00:46:17,579 --> 00:46:23,609
skeptics in the pub the first thursday

1002
00:46:20,068 --> 00:46:26,568
of may coming up on next week's show I

1003
00:46:23,608 --> 00:46:30,208
think I think we have a report from

1004
00:46:26,568 --> 00:46:32,728
Shelley stockin that's a hint Shelley I

1005
00:46:30,208 --> 00:46:34,978
hope we have report from Chile stockin

1006
00:46:32,728 --> 00:46:37,798
we'll see what Maenads been up to since

1007
00:46:34,978 --> 00:46:40,798
now winning that award and other things

1008
00:46:37,798 --> 00:46:44,788
that I can't predict because I can't see

1009
00:46:40,798 --> 00:46:47,398
into the future if I could I'd probably

1010
00:46:44,789 --> 00:46:49,079
hit the casino well with the rain still

1011
00:46:47,398 --> 00:46:52,588
coming down outside the window in the

1012
00:46:49,079 --> 00:46:55,169

cat serum found another window to look

1013

00:46:52,588 --> 00:47:02,068

outside this is Richard Saunders signing

1014

00:46:55,168 --> 00:47:03,658

off from Sydney Australia you've been

1015

00:47:02,068 --> 00:47:07,199

listening to the skeptics own podcast

1016

00:47:03,659 --> 00:47:10,289

because of our website at wwc a petting

1017

00:47:07,199 --> 00:47:14,159

zoo TV for contacts an archive of all

1018

00:47:10,289 --> 00:47:16,469

episodes since 2008 and our online store

1019

00:47:14,159 --> 00:47:19,189

please support the skeptic zone by

1020

00:47:16,469 --> 00:47:22,199

following us on twitter at skeptic zone

1021

00:47:19,188 --> 00:47:25,259

liking us on facebook and leaving a

1022

00:47:22,199 --> 00:47:28,108

review on iTunes you can also show your

1023

00:47:25,259 --> 00:47:31,588

support by subscribing via paypal for as

1024

00:47:28,108 --> 00:47:33,929

little as 99 cents a week the skeptic

1025

00:47:31,588 --> 00:47:35,639

zone is an independent production the

1026

00:47:33,929 --> 00:47:37,739

views and opinions expressed on the

1027

00:47:35,639 --> 00:47:40,429

skeptic zone and not necessarily those

1028

00:47:37,739 --> 00:47:44,239

of Australian skeptically or any other

1029

00:47:40,429 --> 00:47:44,239

skeptical organization