The Skeptic Zone
Show 275 - 25 Jan 2014

Jeff Wagg

1
00:00:22,570 --> 00:00:09,080
welcome to the skeptic zone the podcast

2
00:00:29,120 --> 00:00:25,280
hello and welcome to the skeptic zone

3
00:00:32,840 --> 00:00:29,130
episode number 275 for the 25th of

4
00:00:35,299 --> 00:00:32,850
January 2013 Richard Saunders here with

5
00:00:37,270 --> 00:00:35,309
you from Sydney Australia where we've

6
00:00:40,330 --> 00:00:37,280
had a bit of a rain in the last week

7
00:00:44,330 --> 00:00:40,340
it's still quite warm and humid though

8
00:00:47,780 --> 00:00:44,340
hmm start to dream of such wonderful

9
00:00:50,110 --> 00:00:47,790
places as Winnipeg hello to my Canadian

10
00:00:52,880 --> 00:00:50,120
listeners coming up on this week's show

11
00:00:55,729 --> 00:00:52,890
we have a guest reporter andrew gould

12
00:00:57,979 --> 00:00:55,739
from the Canberra is going to be

13
00:01:01,340 --> 00:00:57,989

speaking to an old mate of mine Jeff wag

14
00:01:06,920 --> 00:01:01,350
now I first met Jeff on the amazing

15
00:01:09,260 --> 00:01:06,930
cruising 2007 2007 where we were

16
00:01:12,020 --> 00:01:09,270
shipmates as it were on a cruise up to

17
00:01:14,180 --> 00:01:12,030
Alaska with james randi Jeff is going to

18
00:01:16,039 --> 00:01:14,190
be talking about cruising and cruising

19
00:01:19,280 --> 00:01:16,049
possibilities and maybe even cruising

20
00:01:21,859 --> 00:01:19,290
possibilities in Australia and the

21
00:01:23,480 --> 00:01:21,869
college of curiosity that's coming up at

22
00:01:26,420 --> 00:01:23,490
the top of the show with guest reporter

23
00:01:28,430 --> 00:01:26,430
Andrew gruel following that it's a wig

24
00:01:34,070 --> 00:01:28,440
ensigns from the Royal Institution of

25
00:01:36,620 --> 00:01:34,080
Australia www RI aus ok you and then a

26
00:01:39,110 --> 00:01:36,630
surprise penny Chan a penny for your

27
00:01:41,120 --> 00:01:39,120
thoughts well sort of penny is visiting

28
00:01:43,490 --> 00:01:41,130
Australia at the moment she spent a few

29
00:01:46,100 --> 00:01:43,500
days in Sydney and I was lucky enough to

30
00:01:48,410 --> 00:01:46,110
catch up with her well for a quick

31
00:01:51,980 --> 00:01:48,420
catch-up a quick catch-up with penny

32
00:01:53,930 --> 00:01:51,990
Chan's penny for your thoughts and to

33
00:01:56,030 --> 00:01:53,940
round off the show an extended think

34
00:01:59,060 --> 00:01:56,040
tank yes haven't had one for a while I

35
00:02:02,110 --> 00:01:59,070
think tank with dr. Reggie Dunlop Joan

36
00:02:06,200 --> 00:02:02,120
benim ooh Marcus venom ooh Stephon Soyka

37
00:02:08,529 --> 00:02:06,210
steve roberts and myself the think tank

38
00:02:12,940 --> 00:02:08,539

where we discuss such things as

39
00:02:16,550 --> 00:02:12,950
chiropractic who always fun hello Fred

40
00:02:18,380 --> 00:02:16,560
Fred the cat's walked into the room you

41
00:02:23,240 --> 00:02:18,390
want to say hello to listeners Fred come

42
00:02:25,729 --> 00:02:23,250
on come on Fred yes he's very worried he

43
00:02:28,220 --> 00:02:25,739
hasn't had his breakfast yet well well I

44
00:02:30,440 --> 00:02:28,230
run downstairs and give Fred some nice

45
00:02:32,839 --> 00:02:30,450
fresh cat fruit yes you want some cat

46
00:02:34,559 --> 00:02:32,849
food and some water and some kibbles how

47
00:02:36,720 --> 00:02:34,569
about that

48
00:02:39,989 --> 00:02:36,730
you see sniffing the microphone will I

49
00:02:58,420 --> 00:02:39,999
do that I hope you enjoy the skeptic

50
00:03:02,660 --> 00:03:00,920
okay so I've got Jeff wag on the line

51
00:03:04,879 --> 00:03:02,670
all the way from North American are you

52
00:03:07,970 --> 00:03:04,889
in chicago at the moment jeff i am in

53
00:03:09,949 --> 00:03:07,980
very snowy chicago it is it was coming

54
00:03:11,990 --> 00:03:09,959
down here it's kind of pretty alright

55
00:03:14,509 --> 00:03:12,000
it's really really hot down here we've

56
00:03:17,470 --> 00:03:14,519
had a massive heat wave so all the best

57
00:03:20,270 --> 00:03:17,480
to you yes thanks it is it is 19 degrees

58
00:03:21,860 --> 00:03:20,280
Fahrenheit up here all that you Celsius

59
00:03:25,009 --> 00:03:21,870
folks what's that in our real terms

60
00:03:28,189 --> 00:03:25,019
that's like minus negative in 10 or

61
00:03:29,809 --> 00:03:28,199
something like that yeah so we've got

62
00:03:32,629 --> 00:03:29,819
you on the line here to talk about the

63
00:03:34,640 --> 00:03:32,639

college of curiosity so yes tell us what

64
00:03:37,149 --> 00:03:34,650
the college of curiosity is college of

65
00:03:40,309 --> 00:03:37,159
curiosity is this project I've started

66
00:03:42,439 --> 00:03:40,319
to go back a little bit folks made me

67
00:03:43,699 --> 00:03:42,449
remember my name from from skepticism I

68
00:03:45,379 --> 00:03:43,709
was involved with the James Randi

69
00:03:48,439 --> 00:03:45,389
Educational Foundation for many years

70
00:03:49,939 --> 00:03:48,449
I've spoken at DragonCon skip track and

71
00:03:52,459 --> 00:03:49,949
a whole bunch of skeptic amps and things

72
00:03:55,490 --> 00:03:52,469
like that and I had an interesting

73
00:03:58,399 --> 00:03:55,500
experience I went to a paranormal

74
00:04:00,469 --> 00:03:58,409
convention called univ con which was

75
00:04:03,890 --> 00:04:00,479
associated with the TV show paranormal

76
00:04:05,839 --> 00:04:03,900
state many years ago I think thankfully

77
00:04:07,969 --> 00:04:05,849
people have forgotten about the show by

78
00:04:11,170 --> 00:04:07,979
and large but it was that it was at a

79
00:04:13,699 --> 00:04:11,180
university and it seemed like it was a

80
00:04:15,860 --> 00:04:13,709
sponsored thing from the school it

81
00:04:17,420 --> 00:04:15,870
probably really wasn't but anyway they

82
00:04:21,439 --> 00:04:17,430
put on this convention and I went as a

83
00:04:23,839 --> 00:04:21,449
skeptic and I saw all kinds of woohoo

84
00:04:26,779 --> 00:04:23,849
things and things I disagreed with and

85
00:04:28,310 --> 00:04:26,789
things that frankly made me cringe but

86
00:04:30,080 --> 00:04:28,320
afterwards I decided to spend time with

87
00:04:32,450 --> 00:04:30,090
the people there and I talked with them

88
00:04:35,300 --> 00:04:32,460

and I found out an interesting thing is

89
00:04:36,860 --> 00:04:35,310
that we had a lot in common um they all

90
00:04:39,200 --> 00:04:36,870
call themselves skeptics for one thing

91
00:04:41,300 --> 00:04:39,210
which I thought was fascinating uh you

92
00:04:42,760 --> 00:04:41,310
know they believed in Bigfoot and they

93
00:04:44,689 --> 00:04:42,770
believed that extraterrestrial

94
00:04:47,749 --> 00:04:44,699
extraterrestrials were visiting a planet

95
00:04:51,200 --> 00:04:47,759
they believe in ghosts but they were

96
00:04:53,089 --> 00:04:51,210
skeptics so I asked them you know why am

97
00:04:54,740 --> 00:04:53,099
I is skeptic for not believing in these

98
00:04:56,149 --> 00:04:54,750
things and you are skeptic for believing

99
00:04:58,010 --> 00:04:56,159
in them and they said it's because they

100
00:05:01,580 --> 00:04:58,020
had seen enough evidence to believe I

101
00:05:02,499 --> 00:05:01,590
was like ah ok but then I noted there

102
00:05:04,370 --> 00:05:02,509
was another

103
00:05:06,260 --> 00:05:04,380
there was there was something actually

104
00:05:10,219 --> 00:05:06,270
in common something real that was in

105
00:05:11,779 --> 00:05:10,229
common and that was we had curiosity we

106
00:05:14,450 --> 00:05:11,789
were actually curious about things we

107
00:05:16,850 --> 00:05:14,460
wanted to know what was going on now we

108
00:05:20,330 --> 00:05:16,860
had completely different methods about

109
00:05:21,830 --> 00:05:20,340
doing it and so I was excited about this

110
00:05:23,900 --> 00:05:21,840
I was like hey here is a way to reach

111
00:05:25,909 --> 00:05:23,910
out to the other side and find some

112
00:05:28,370 --> 00:05:25,919
common ground and maybe we can work

113
00:05:30,230 --> 00:05:28,380

together on some things now this was

114
00:05:32,150 --> 00:05:30,240
many years ago and I've since realized

115
00:05:35,330 --> 00:05:32,160
that was being a bit naive in this and

116
00:05:39,830 --> 00:05:35,340
that it's actually the skeptics or the

117
00:05:42,020 --> 00:05:39,840
curious ones the the others who are

118
00:05:43,629 --> 00:05:42,030
curious without skepticism are actually

119
00:05:47,180 --> 00:05:43,639
looking for something to believe in and

120
00:05:50,629 --> 00:05:47,190
can get satisfied with that belief as a

121
00:05:53,360 --> 00:05:50,639
skeptic is never satisfied and that's

122
00:05:55,430 --> 00:05:53,370
actually what curiosity is you're never

123
00:05:57,409 --> 00:05:55,440
satisfied you always want to know more

124
00:06:00,830 --> 00:05:57,419
and you always want to know what's true

125
00:06:02,779 --> 00:06:00,840
and what's real in its that's how I've

126
00:06:05,360 --> 00:06:02,789
always defined skepticism as well as is

127
00:06:07,580 --> 00:06:05,370
like the search for what's actually true

128
00:06:09,439 --> 00:06:07,590
yes because there's a lot of people who

129
00:06:13,159 --> 00:06:09,449
believe in things that just aren't true

130
00:06:15,379 --> 00:06:13,169
and I've never really quite understood

131
00:06:17,930 --> 00:06:15,389
how they can come to the conclusion that

132
00:06:20,200 --> 00:06:17,940
it is true when when it's kind of not so

133
00:06:24,770 --> 00:06:20,210
you use the sculpt tools of skepticism

134
00:06:27,050 --> 00:06:24,780
to to to sort out the the really true

135
00:06:30,680 --> 00:06:27,060
from the only apparently true absolutely

136
00:06:34,219 --> 00:06:30,690
and that is that is true curiosity that

137
00:06:35,659 --> 00:06:34,229
is really wanting to know um someone

138
00:06:37,700 --> 00:06:35,669

might think they're curious oh I'm you

139
00:06:39,980 --> 00:06:37,710
know I'm curious about Bigfoot wouldn't

140
00:06:41,930 --> 00:06:39,990
it be cool if Bigfoot was roaming the

141
00:06:44,300 --> 00:06:41,940
woods of the American Northwest wouldn't

142
00:06:46,040 --> 00:06:44,310
that be cool they get that sense of awe

143
00:06:49,480 --> 00:06:46,050
and Wonder and they want to know more

144
00:06:52,909 --> 00:06:49,490
and more but they don't want to risk

145
00:06:54,890 --> 00:06:52,919
that jeopardizing that sense of wonder

146
00:06:56,899 --> 00:06:54,900
they won't do that you know any anything

147
00:06:58,219 --> 00:06:56,909
that comes up and says well yeah this

148
00:07:01,189 --> 00:06:58,229
wasn't Bigfoot it was actually a

149
00:07:03,439 --> 00:07:01,199
sleeping you know I was a sleeping bear

150
00:07:04,820 --> 00:07:03,449
or with some hair samples that somebody

151
00:07:06,290 --> 00:07:04,830
left behind cuz i rubbed against a tree

152
00:07:07,969 --> 00:07:06,300
or whatever they're just kind of

153
00:07:10,490 --> 00:07:07,979
dismissed that so no no I know they're

154
00:07:14,060 --> 00:07:10,500
still out there no no real curiosity

155
00:07:16,070 --> 00:07:14,070
would be looking at this is like so

156
00:07:17,330 --> 00:07:16,080
everyone knows what Bigfoot is

157
00:07:19,760 --> 00:07:17,340
a lot of people believe it's actually

158
00:07:22,249 --> 00:07:19,770
out there what's going on with that

159
00:07:23,899 --> 00:07:22,259
phenomenon what is it in us that makes

160
00:07:26,179 --> 00:07:23,909
us want to believe there is this large

161
00:07:28,159 --> 00:07:26,189
humanoid creature in the woods of an

162
00:07:30,920 --> 00:07:28,169
American Northwest that's the truth

163
00:07:33,770 --> 00:07:30,930

behind all of it and that is how I see

164
00:07:37,040 --> 00:07:33,780
curiosity and skepticism sort of being

165
00:07:38,929 --> 00:07:37,050
the same thing they're not they're not

166
00:07:40,510 --> 00:07:38,939
exactly the same thing skepticism has

167
00:07:43,209 --> 00:07:40,520
some tenants that curiosity doesn't

168
00:07:45,230 --> 00:07:43,219
curiosity doesn't need to follow

169
00:07:46,809 --> 00:07:45,240
scientific rigor because it's actually

170
00:07:50,600 --> 00:07:46,819
not trying to prove anything to anyone

171
00:07:52,670 --> 00:07:50,610
but it is certainly not a set of beliefs

172
00:07:54,520 --> 00:07:52,680
and neither is skepticism skepticism

173
00:07:57,559 --> 00:07:54,530
isn't here's what skeptics for you

174
00:08:01,249 --> 00:07:57,569
skepticism is a method so all that in

175
00:08:03,499 --> 00:08:01,259
the past I have decided that my favorite

176
00:08:04,909 --> 00:08:03,509
part of skepticism and skeptic

177
00:08:08,689 --> 00:08:04,919
conferences was learning new things

178
00:08:10,640 --> 00:08:08,699
about existence it was the curious parts

179
00:08:14,119 --> 00:08:10,650
when I first went to the amazing meeting

180
00:08:16,159 --> 00:08:14,129
way back in 2003 or 2004 was my first

181
00:08:18,320 --> 00:08:16,169
one hopefully the stuff that I liked the

182
00:08:20,180 --> 00:08:18,330
most was with stuff like Richard Wiseman

183
00:08:23,659 --> 00:08:20,190
showing me how easily I could fool

184
00:08:25,219 --> 00:08:23,669
myself things like that so I've created

185
00:08:28,369 --> 00:08:25,229
this new project called College of

186
00:08:30,499 --> 00:08:28,379
curiosity and it is dedicated to that it

187
00:08:34,639 --> 00:08:30,509
is dedicated to generating a sense of

188
00:08:37,130 --> 00:08:34,649

awe and wonder in real things through a

189
00:08:38,449 --> 00:08:37,140
bunch of different media for example you

190
00:08:40,339 --> 00:08:38,459
yourself Andrew you have been on a

191
00:08:43,040 --> 00:08:40,349
college of curiosity field trip I have

192
00:08:45,829 --> 00:08:43,050
hob you were on the the try tour that we

193
00:08:49,850 --> 00:08:45,839
did where we went to the Bahamas through

194
00:08:52,189 --> 00:08:49,860
the Bermuda Triangle and we went to NASA

195
00:08:54,590 --> 00:08:52,199
and saw the Space Shuttle Endeavor yeah

196
00:08:56,449 --> 00:08:54,600
and that was on the first day too and

197
00:09:00,620 --> 00:08:56,459
quite frankly I could have gone home

198
00:09:03,199 --> 00:09:00,630
after that but no there was more it was

199
00:09:04,579 --> 00:09:03,209
it was a tough day to beat I have to

200
00:09:07,189 --> 00:09:04,589
admit that we actually stayed in the

201
00:09:09,800 --> 00:09:07,199
hotel that was that was built or run by

202
00:09:11,900 --> 00:09:09,810
the mercury astronauts yep and we went

203
00:09:13,250 --> 00:09:11,910
to NASA and actually saw the Space

204
00:09:15,650 --> 00:09:13,260
Shuttle in the Vehicle Assembly Building

205
00:09:17,810 --> 00:09:15,660
yeah which will never happen again and

206
00:09:19,490 --> 00:09:17,820
then and then at the end we went to

207
00:09:20,540 --> 00:09:19,500
disney world of all things went to Epcot

208
00:09:22,280 --> 00:09:20,550
and did a little bit of behind the

209
00:09:23,870 --> 00:09:22,290
scenes are you know in order to do that

210
00:09:25,819 --> 00:09:23,880
tour I did have to do a lot of research

211
00:09:27,650 --> 00:09:25,829
I had to learn about the colored go away

212
00:09:29,840 --> 00:09:27,660
green which is what they paint things

213
00:09:31,460 --> 00:09:29,850

that they don't want the people to see

214
00:09:34,220 --> 00:09:31,470
if you walk around Epcot there are these

215
00:09:36,230 --> 00:09:34,230
massive warehouse looking buildings that

216
00:09:37,970 --> 00:09:36,240
you can see if you look for them but you

217
00:09:39,680 --> 00:09:37,980
can't see them because they're this go

218
00:09:41,420 --> 00:09:39,690
away green color that doesn't catch your

219
00:09:45,019 --> 00:09:41,430
attention so yes I had to do a lot of

220
00:09:47,389 --> 00:09:45,029
research for that but I try not to be I

221
00:09:49,280 --> 00:09:47,399
can't be an expert on everything I'm

222
00:09:51,769 --> 00:09:49,290
just trying to point out some things to

223
00:09:53,120 --> 00:09:51,779
generate curiosity in the attendees or

224
00:09:55,240 --> 00:09:53,130
the people i'm traveling with so that

225
00:09:57,530 --> 00:09:55,250
they can learn more if they want to

226
00:09:59,540 --> 00:09:57,540
doubt you so this is this is what I'm

227
00:10:02,240 --> 00:09:59,550
doing now I've actually I've have left

228
00:10:03,860 --> 00:10:02,250
my job I my gainful employment has now

229
00:10:05,720 --> 00:10:03,870
been left behind and I am devoting

230
00:10:08,420 --> 00:10:05,730
myself full time to college of curiosity

231
00:10:11,389 --> 00:10:08,430
on one of the things I'm hoping to do is

232
00:10:15,639 --> 00:10:11,399
to plan a trip in Australia because I

233
00:10:19,129 --> 00:10:15,649
have never been and I fantastic idea I

234
00:10:21,110 --> 00:10:19,139
think that it's time that a bunch of

235
00:10:23,360 --> 00:10:21,120
skeptics and other curious folks got

236
00:10:25,040 --> 00:10:23,370
together probably on a cruise and spend

237
00:10:27,019 --> 00:10:25,050
some time together and talked about this

238
00:10:30,079 --> 00:10:27,029

saw this amazing thing we have called

239
00:10:32,389 --> 00:10:30,089
light though the Great Barrier Reef is a

240
00:10:35,090 --> 00:10:32,399
is a fantastic place for that yes course

241
00:10:38,090 --> 00:10:35,100
I've been to the Barrier Reef before I

242
00:10:42,230 --> 00:10:38,100
was about nine at the time so I'd love

243
00:10:45,439 --> 00:10:42,240
to go back and if you are organizing one

244
00:10:48,740 --> 00:10:45,449
of these field trips down in Australia

245
00:10:51,259 --> 00:10:48,750
oh I'll definitely definitely do

246
00:10:52,610 --> 00:10:51,269
everything I can to be there and I'm

247
00:10:54,590 --> 00:10:52,620
pretty sure a lot of skeptics own

248
00:10:56,240 --> 00:10:54,600
listeners would be very interested in

249
00:10:59,780 --> 00:10:56,250
that as well not until the go the way

250
00:11:01,189 --> 00:10:59,790
these trips work on is if you've ever

251
00:11:02,720 --> 00:11:01,199
been on a cruise or any kind of group

252
00:11:04,790 --> 00:11:02,730
travel there's some standard stuff you

253
00:11:07,069 --> 00:11:04,800
all you go together okay you eat

254
00:11:09,259 --> 00:11:07,079
together the way I organized it is that

255
00:11:10,670 --> 00:11:09,269
everyone we have a group of tables in

256
00:11:11,540 --> 00:11:10,680
the dining room we can switch every

257
00:11:12,860 --> 00:11:11,550
night so if there happened to be

258
00:11:14,960 --> 00:11:12,870
celebrities with us which happens

259
00:11:16,189 --> 00:11:14,970
sometimes bass sit at the same table

260
00:11:18,079 --> 00:11:16,199
every night then the people rotate

261
00:11:19,220 --> 00:11:18,089
through but every night there's

262
00:11:20,990 --> 00:11:19,230
something there's something interesting

263
00:11:23,150 --> 00:11:21,000

going on on the table you don't just get

264
00:11:25,429 --> 00:11:23,160
there there will be something on the

265
00:11:27,379 --> 00:11:25,439
table there might be a gadget that you

266
00:11:28,699 --> 00:11:27,389
have to figure out there might be cards

267
00:11:30,829 --> 00:11:28,709
there might be a puzzle there will be

268
00:11:33,079 --> 00:11:30,839
something on the table element if you

269
00:11:35,179 --> 00:11:33,089
always have the sense of novelty here's

270
00:11:36,650 --> 00:11:35,189
something new but not only that not

271
00:11:38,620 --> 00:11:36,660
everyone's comfortable eating dinner

272
00:11:41,480 --> 00:11:38,630
with people that they don't know and

273
00:11:43,639 --> 00:11:41,490
this gives a frame of reference that

274
00:11:46,100 --> 00:11:43,649
people can talk about

275
00:11:48,379 --> 00:11:46,110
easy to say well I figured out that that

276
00:11:51,079 --> 00:11:48,389
my illusion is a mouse inside a cat

277
00:11:54,139 --> 00:11:51,089
what's yours and that is enough to open

278
00:11:55,730 --> 00:11:54,149
a conversation and every time I do this

279
00:11:57,530 --> 00:11:55,740
I go around to every table during dinner

280
00:11:58,869 --> 00:11:57,540
and make sure everything is going ok and

281
00:12:01,429 --> 00:11:58,879
I often find that I'm interrupting

282
00:12:04,100 --> 00:12:01,439
conversation between total strangers who

283
00:12:06,139 --> 00:12:04,110
are completely fascinated by this puzzle

284
00:12:08,569 --> 00:12:06,149
that they can't solve we have a lot of

285
00:12:09,829 --> 00:12:08,579
fun on these trips and if you think that

286
00:12:11,900 --> 00:12:09,839
you would like to travel with a group of

287
00:12:13,850 --> 00:12:11,910
curious people I will try to present

288
00:12:15,980 --> 00:12:13,860

opportunities for you for a while yeah

289
00:12:19,009 --> 00:12:15,990
and I can personally vouch for how

290
00:12:24,319 --> 00:12:19,019
fantastic one of these these trips can

291
00:12:26,809 --> 00:12:24,329
be because that honestly going to go

292
00:12:28,189 --> 00:12:26,819
into the Kennedy Space Center and into

293
00:12:30,530 --> 00:12:28,199
the Vehicle Assembly Building and

294
00:12:32,410 --> 00:12:30,540
standing no more than a few meters away

295
00:12:34,939 --> 00:12:32,420
from the nose cone of the space shuttle

296
00:12:37,189 --> 00:12:34,949
that quite honestly was one of the

297
00:12:38,689 --> 00:12:37,199
highlights of my life over the noon it's

298
00:12:42,019 --> 00:12:38,699
it's something I'll never get to do

299
00:12:44,179 --> 00:12:42,029
again and I got to do it and thanks to

300
00:12:46,850 --> 00:12:44,189
Jeff wag in the College of curiosity I

301
00:12:49,059 --> 00:12:46,860
love this stuff and i love how I can

302
00:12:51,739 --> 00:12:49,069
stay true to my skeptical roots and

303
00:12:54,259 --> 00:12:51,749
continue to do this and and I can expand

304
00:12:57,679 --> 00:12:54,269
my audience a bit because the word

305
00:12:59,629 --> 00:12:57,689
skeptic sadly is a barrier for a lot of

306
00:13:00,679 --> 00:12:59,639
people it's a word that has a whole

307
00:13:02,929 --> 00:13:00,689
bunch of different meanings and

308
00:13:04,999 --> 00:13:02,939
connotations that scare some people off

309
00:13:07,699 --> 00:13:05,009
I don't have to use that word I can use

310
00:13:11,210 --> 00:13:07,709
the word curiosity and to me it's

311
00:13:13,280 --> 00:13:11,220
actually the same thing but to everybody

312
00:13:15,019 --> 00:13:13,290
else it's a it's a welcome and

313
00:13:16,639 --> 00:13:15,029

comforting word it's like yeah I'm

314
00:13:19,280 --> 00:13:16,649
curious i just show me what this object

315
00:13:21,019 --> 00:13:19,290
is you have oh that's neat we don't even

316
00:13:23,989 --> 00:13:21,029
if they they go off and use homeopathy

317
00:13:27,110 --> 00:13:23,999
and acupuncture later in that day it's

318
00:13:29,929 --> 00:13:27,120
okay for that one moment they were in

319
00:13:32,179 --> 00:13:29,939
the realm of learning more about how

320
00:13:35,210 --> 00:13:32,189
reality works and you know that's all I

321
00:13:37,639 --> 00:13:35,220
can really ask for okay so if people

322
00:13:39,919 --> 00:13:37,649
want to find out more and what's it all

323
00:13:42,499 --> 00:13:39,929
about if not finding out more where are

324
00:13:45,259 --> 00:13:42,509
the web can they go to to to find out

325
00:13:46,669 --> 00:13:45,269
about the college curiosity and the

326
00:13:48,650 --> 00:13:46,679
field trips and all of the other great

327
00:13:50,629 --> 00:13:48,660
things that you do well the interesting

328
00:13:52,699 --> 00:13:50,639
thing is when I give our business cards

329
00:13:55,100 --> 00:13:52,709
I don't have any contact info on them

330
00:13:57,110 --> 00:13:55,110
because if you're a curious person and

331
00:13:59,420 --> 00:13:57,120
you know the organization is called book

332
00:14:01,130 --> 00:13:59,430
all of your curiosity you might think

333
00:14:03,950 --> 00:14:01,140
that you would go to college of

334
00:14:05,240 --> 00:14:03,960
curiosity calm and hey we'd be right so

335
00:14:08,090 --> 00:14:05,250
yeah if you go to college interior arts

336
00:14:09,530 --> 00:14:08,100
idle curiosity calm you can find out

337
00:14:11,150 --> 00:14:09,540
most of what we do the sights a little

338
00:14:14,930 --> 00:14:11,160

sparse right now I'm a one-man operation

339
00:14:16,310 --> 00:14:14,940
I am very very busy right now but the

340
00:14:18,290 --> 00:14:16,320
basic contact info is there and of

341
00:14:20,780 --> 00:14:18,300
course anyone who knows me and who wants

342
00:14:23,560 --> 00:14:20,790
to contact me I'm I'm Jeff wag com the

343
00:14:26,630 --> 00:14:23,570
simplest email address in the world

344
00:14:28,490 --> 00:14:26,640
alright well thanks for taking time out

345
00:14:31,579 --> 00:14:28,500
of your Saturday night to come and speak

346
00:14:35,030 --> 00:14:31,589
to us and thanks for talking to be early

347
00:14:39,530 --> 00:14:35,040
Sunday morning oh well I i did get up

348
00:14:41,870 --> 00:14:39,540
for this so thank you sir well we'll

349
00:14:44,090 --> 00:14:41,880
talk to you soon hopefully on some ship

350
00:14:59,670 --> 00:14:44,100
somewhere that would be wonderful thank

351
00:15:04,570 --> 00:15:02,380
hi this is Lauren Cochrane president of

352
00:15:07,660 --> 00:15:04,580
Canberra skeptics barcamp Canberra is

353
00:15:09,400 --> 00:15:07,670
back again for 2014 we welcome anyone

354
00:15:11,410 --> 00:15:09,410
interested in science communication

355
00:15:13,960 --> 00:15:11,420
scepticism maker or hacker culture

356
00:15:15,970 --> 00:15:13,970
social innovation gulf 2 point 0 or the

357
00:15:18,010 --> 00:15:15,980
web to come along be ready to

358
00:15:20,320 --> 00:15:18,020
participate anyone can give a talk

359
00:15:22,330 --> 00:15:20,330
during the 20-minute sessions this year

360
00:15:24,040 --> 00:15:22,340
barcamp canberra will be held at the gun

361
00:15:27,370 --> 00:15:24,050
garden library on the fifteenth of march

362
00:15:29,710 --> 00:15:27,380
as always entry is free visit barcamp

363
00:15:31,690 --> 00:15:29,720

canberra org for more information about

364
00:15:34,360 --> 00:15:31,700
this and other canberra skeptics events

365
00:15:50,250 --> 00:15:34,370
look for us on facebook twitter meetup

366
00:15:54,250 --> 00:15:52,840
need some skeptic II goodness that you

367
00:15:56,440 --> 00:15:54,260
can handle to someone who doesn't listen

368
00:15:59,050 --> 00:15:56,450
to podcasts or maybe you just need a

369
00:16:00,670 --> 00:15:59,060
good book of short skeptical snippets to

370
00:16:04,090 --> 00:16:00,680
put in your guest bathroom at home or on

371
00:16:06,220 --> 00:16:04,100
the lobby table at work it's true we

372
00:16:08,650 --> 00:16:06,230
live in a modern Dark Age faith in

373
00:16:10,900 --> 00:16:08,660
pseudoscience is rampant and belief in

374
00:16:13,480 --> 00:16:10,910
the supernatural permits Society at

375
00:16:16,060 --> 00:16:13,490
every level critical thinking is key to

376
00:16:18,490 --> 00:16:16,070
understanding what is truly useful and

377
00:16:21,160 --> 00:16:18,500
what nearly distracts from progress and

378
00:16:23,050 --> 00:16:21,170
development this book gives you the

379
00:16:26,320 --> 00:16:23,060
tools to sort the solid from the silly

380
00:16:29,160 --> 00:16:26,330
and answer such questions as do military

381
00:16:33,100 --> 00:16:29,170
dolphins actually attack and kill divers

382
00:16:34,960 --> 00:16:33,110
who was Jack the Ripper can zombie

383
00:16:39,190 --> 00:16:34,970
powder actually turn you into a mindless

384
00:16:42,970 --> 00:16:39,200
slave was an amputee miraculously healed

385
00:16:45,880 --> 00:16:42,980
in the 1600s what is truly known about

386
00:16:48,040 --> 00:16:45,890
Amelia Earhart's fainting does

387
00:16:52,270 --> 00:16:48,050
scientific evidence prove the existence

388
00:16:54,910 --> 00:16:52,280

of the yeti skep tied five massacres

389
00:16:58,240 --> 00:16:54,920
monsters and miracles by Brian Dunning

390
00:17:03,670 --> 00:16:58,250
get yours today from amazon or sceptile

391
00:17:12,990 --> 00:17:03,680
calm / books Sceptile massacres monsters

392
00:17:18,010 --> 00:17:16,179
welcome to a week in science from rars

393
00:17:21,429 --> 00:17:18,020
bringing you the science you need to

394
00:17:23,350 --> 00:17:21,439
know imagine advertising so good that it

395
00:17:26,350 --> 00:17:23,360
got inside your brain and found a Buy

396
00:17:28,840 --> 00:17:26,360
button well we can't do that yet but as

397
00:17:30,970 --> 00:17:28,850
your own marketing improves people are

398
00:17:37,780 --> 00:17:30,980
afraid that advertising will get so good

399
00:17:39,820 --> 00:17:37,790
that it will control your mind up to

400
00:17:41,470 --> 00:17:39,830
ninety five percent of the brain

401
00:17:44,260 --> 00:17:41,480
activity that happens when we make a

402
00:17:46,540 --> 00:17:44,270
decision happens at a subconscious level

403
00:17:47,830 --> 00:17:46,550
that means that we can't control it and

404
00:17:50,200 --> 00:17:47,840
we're not even aware of it

405
00:17:52,720 --> 00:17:50,210
neuromarketing tries to tap into this

406
00:17:55,630 --> 00:17:52,730
brain activity to understand how we make

407
00:17:57,610 --> 00:17:55,640
decisions about what we buy let's say a

408
00:18:00,130 --> 00:17:57,620
company wants to test how effective

409
00:18:02,110 --> 00:18:00,140
their new TV ad will be and they decide

410
00:18:04,060 --> 00:18:02,120
to use your own marketing they get a

411
00:18:05,950 --> 00:18:04,070
whole bunch of people hook them up to an

412
00:18:08,320 --> 00:18:05,960
EEG machine to measure their brains

413
00:18:10,360 --> 00:18:08,330

electrical activity and then get them to

414
00:18:12,820 --> 00:18:10,370
watch the ad the newer marketers may

415
00:18:15,190 --> 00:18:12,830
also track the subjects I movements and

416
00:18:18,400 --> 00:18:15,200
tiny changes in their facial expressions

417
00:18:19,810 --> 00:18:18,410
or they could even be given an MRI they

418
00:18:21,820 --> 00:18:19,820
then put all this information together

419
00:18:24,370 --> 00:18:21,830
to see whether the ad promotes positive

420
00:18:26,680 --> 00:18:24,380
or negative feelings how engaged the

421
00:18:29,500 --> 00:18:26,690
customer was and when they started to

422
00:18:31,210 --> 00:18:29,510
tune out it's not surprising that people

423
00:18:33,880 --> 00:18:31,220
are a bit worried about where this could

424
00:18:36,400 --> 00:18:33,890
lead imagine a perfect ad which turns on

425
00:18:38,260 --> 00:18:36,410
your brain so much that it overrides the

426
00:18:40,570 --> 00:18:38,270
part of your brain that makes conscious

427
00:18:42,850 --> 00:18:40,580
decisions this is what Ephesus call our

428
00:18:44,620 --> 00:18:42,860
brains Buy button it means that you

429
00:18:46,720 --> 00:18:44,630
start to lose control of your own

430
00:18:48,070 --> 00:18:46,730
decisions but there's no need to freak

431
00:18:50,799 --> 00:18:48,080
out because we don't have the knowledge

432
00:18:53,230 --> 00:18:50,809
to do this yet and lots of research is a

433
00:18:55,330 --> 00:18:53,240
skeptical about their even being a Buy

434
00:18:57,070 --> 00:18:55,340
button because our brains are incredibly

435
00:18:59,260 --> 00:18:57,080
good at adapting meaning that our

436
00:19:01,600 --> 00:18:59,270
frontal cortex will always be able to

437
00:19:03,160 --> 00:19:01,610
override our subconscious but it's still

438
00:19:05,320 --> 00:19:03,170

an area that needs to be closely

439
00:19:06,880 --> 00:19:05,330
monitored and there are calls to put

440
00:19:08,620 --> 00:19:06,890
strict guidelines in place to protect

441
00:19:10,600 --> 00:19:08,630
consumers

442
00:19:13,180 --> 00:19:10,610
you're listening to a week in science

443
00:19:15,520 --> 00:19:13,190
from our iOS and now for fast facts

444
00:19:17,560 --> 00:19:15,530
about neuro marketing when you make a

445
00:19:19,900 --> 00:19:17,570
decision most of your brain activity

446
00:19:21,940 --> 00:19:19,910
happens in the frontal cortex which is

447
00:19:24,190 --> 00:19:21,950
also the part of the brain that helps us

448
00:19:26,710 --> 00:19:24,200
to learn from past experiences our

449
00:19:29,200 --> 00:19:26,720
brains account for just two percent of

450
00:19:31,960 --> 00:19:29,210
our body mass but uses twenty percent of

451
00:19:34,600 --> 00:19:31,970
our energy your subconscious can process

452
00:19:37,450 --> 00:19:34,610
information two hundred thousand times

453
00:19:38,980 --> 00:19:37,460
faster than conscious thought and lots

454
00:19:41,050 --> 00:19:38,990
of big companies already used

455
00:19:43,060 --> 00:19:41,060
neuromarketing Volvo for instance

456
00:19:45,400 --> 00:19:43,070
recently released a video on YouTube

457
00:19:47,740 --> 00:19:45,410
where they used EGS to test how

458
00:19:50,560 --> 00:19:47,750
customers responded emotionally to their

459
00:19:52,750 --> 00:19:50,570
new car design that's it for this week

460
00:19:55,030 --> 00:19:52,760
in science for more information about

461
00:19:59,650 --> 00:19:55,040
neuromarketing go to the are ales

462
00:20:02,200 --> 00:19:59,660
website are I aus or gay you follow us

463
00:20:03,640 --> 00:20:02,210

on Twitter and like us on Facebook I'm

464
00:20:22,530 --> 00:20:03,650
Karen groom and we'll catch you next

465
00:20:34,760 --> 00:20:25,740
is penny Chen

466
00:20:39,540 --> 00:20:37,770
all folks is that music you haven't

467
00:20:42,420 --> 00:20:39,550
heard in such a long time that wonderful

468
00:20:44,730 --> 00:20:42,430
penny for your thoughts music and in

469
00:20:48,090 --> 00:20:44,740
Sydney my goodness me penny chan hello

470
00:20:50,400 --> 00:20:48,100
hi Richard I wow wonderful to see you in

471
00:20:52,500 --> 00:20:50,410
Sydney it's incredible here you are in

472
00:20:54,330 --> 00:20:52,510
person I'm still happy to be here

473
00:20:56,610 --> 00:20:54,340
finally this is your first visit to

474
00:20:58,320 --> 00:20:56,620
Australia yes it is so I'll have to ask

475
00:21:01,200 --> 00:20:58,330
the question they always ask what do you

476
00:21:03,180 --> 00:21:01,210
think of Australia I like it a lot I

477
00:21:06,030 --> 00:21:03,190
mean I didn't think I would not like it

478
00:21:08,460 --> 00:21:06,040
but I mean I could stay here for quite a

479
00:21:11,280 --> 00:21:08,470
while I think it's a bit humid but it's

480
00:21:15,240 --> 00:21:11,290
better than the dry cold wind that's

481
00:21:16,920 --> 00:21:15,250
blowing through LA right now oh all

482
00:21:18,900 --> 00:21:16,930
right now you're here not for long

483
00:21:21,120 --> 00:21:18,910
unfortunately and in fact you're only in

484
00:21:22,500 --> 00:21:21,130
Sydney for a very brief amount of time

485
00:21:26,100 --> 00:21:22,510
but you are going to see a bit more of

486
00:21:29,070 --> 00:21:26,110
the country yeah and yesterday I had a

487
00:21:31,470 --> 00:21:29,080
really fantastic walk along the coast

488
00:21:34,440 --> 00:21:31,480

walk in a Royal National Park oh that

489
00:21:37,650 --> 00:21:34,450
was really really really gorgeous like

490
00:21:39,840 --> 00:21:37,660
did you see any M wildlife actually

491
00:21:43,260 --> 00:21:39,850
that's interesting my god not humans not

492
00:21:46,080 --> 00:21:43,270
include know the group I was with um I

493
00:21:48,270 --> 00:21:46,090
was put at the front of the group I'm on

494
00:21:51,510 --> 00:21:48,280
critter wash because I wanted to see

495
00:21:53,700 --> 00:21:51,520
kangaroos and any anything that was a

496
00:21:57,600 --> 00:21:53,710
you know that would come across our path

497
00:21:59,010 --> 00:21:57,610
so right at the start of the walk we

498
00:22:02,220 --> 00:21:59,020
were I was looking down at the ground

499
00:22:03,900 --> 00:22:02,230
and my friend Eva says look at kangaroo

500
00:22:06,390 --> 00:22:03,910
and I looked up just as to see a

501
00:22:10,350 --> 00:22:06,400
kangaroo tail disappear into the bush so

502
00:22:12,390 --> 00:22:10,360
like oh I saw a kangaroo tail I was

503
00:22:15,990 --> 00:22:12,400
great but further along we saw a little

504
00:22:18,720 --> 00:22:16,000
snake what was it called mr. Brown was

505
00:22:20,160 --> 00:22:18,730
an Eastern brown I thought you about to

506
00:22:23,220 --> 00:22:20,170
say it was called Harry or something no

507
00:22:26,850 --> 00:22:23,230
yes yes we caught whipped in culinary no

508
00:22:28,620 --> 00:22:26,860
I think thought it Bob yeah Wow at least

509
00:22:30,660 --> 00:22:28,630
you've seen a little bit but day you're

510
00:22:33,150 --> 00:22:30,670
going further afield in the next few

511
00:22:34,890 --> 00:22:33,160
days I think Central Coast are the

512
00:22:37,170 --> 00:22:34,900
syndicate I used to live on the Central

513
00:22:39,650 --> 00:22:37,180

Coast lovely part of the world I think

514
00:22:41,600 --> 00:22:39,660
you'll enjoy that immensely now you um

515
00:22:45,260 --> 00:22:41,610
been

516
00:22:47,450 --> 00:22:45,270
busy of course doing your studies yes

517
00:22:51,980 --> 00:22:47,460
that's for the that's the reason for the

518
00:22:53,750 --> 00:22:51,990
lack of more frequent reports oh we're

519
00:22:55,510 --> 00:22:53,760
not judging you to us a penny it's what

520
00:22:58,580 --> 00:22:55,520
we do like the penny for your thoughts

521
00:23:02,600 --> 00:22:58,590
reports when they came but you went to

522
00:23:04,340 --> 00:23:02,610
the last skeptical and that's something

523
00:23:06,260 --> 00:23:04,350
I'm been dying to go to for a while now

524
00:23:07,910 --> 00:23:06,270
and there's one next year i think this

525
00:23:09,530 --> 00:23:07,920
year this year this one coming up i

526
00:23:11,870 --> 00:23:09,540
guess they're usually at the end of May

527
00:23:12,950 --> 00:23:11,880
are beginning of june or middle i think

528
00:23:16,330 --> 00:23:12,960
the last ones actually woulda loved you

529
00:23:18,560 --> 00:23:16,340
and that's in berkeley yeah yeah and

530
00:23:21,260 --> 00:23:18,570
what's that all about is that one day or

531
00:23:24,680 --> 00:23:21,270
two days just uh in the past it's always

532
00:23:27,440 --> 00:23:24,690
I think been one day yeah and it goes

533
00:23:30,620 --> 00:23:27,450
from but nine in the morning till late

534
00:23:33,950 --> 00:23:30,630
afternoon and it's you know it's set up

535
00:23:37,310 --> 00:23:33,960
a lot like Tam there's big keynote

536
00:23:38,810 --> 00:23:37,320
speech followed by a few major you know

537
00:23:41,450 --> 00:23:38,820
one room lectures and then there's the

538
00:23:46,039 --> 00:23:41,460

breakout sessions Wow and it's really

539
00:23:47,690 --> 00:23:46,049
it's like a mini convention it is and I

540
00:23:48,590 --> 00:23:47,700
what I liked about this last year I

541
00:23:50,990 --> 00:23:48,600
don't know if this happened in years

542
00:23:52,760 --> 00:23:51,000
previous but like during lunch there's

543
00:23:54,740 --> 00:23:52,770
you know there's a big group lunch in

544
00:23:57,010 --> 00:23:54,750
the restaurant there at the oath of the

545
00:23:59,180 --> 00:23:57,020
doubletree hotel berkeley there's a

546
00:24:01,010 --> 00:23:59,190
convicted call it science on the street

547
00:24:02,960 --> 00:24:01,020
there's like a troop of troops of

548
00:24:04,520 --> 00:24:02,970
science teachers and go out and like do

549
00:24:08,539 --> 00:24:04,530
science in public they have these

550
00:24:11,390 --> 00:24:08,549
fabulous giant bubble wands on the lawn

551
00:24:13,669 --> 00:24:11,400
hotel and so the with the wind blowing

552
00:24:15,530 --> 00:24:13,679
off the bay all you just hold the wand

553
00:24:20,000 --> 00:24:15,540
out in front of you and blow these giant

554
00:24:21,830 --> 00:24:20,010
you know car-sized bubbles so i think

555
00:24:24,260 --> 00:24:21,840
every skip these convention should have

556
00:24:27,049 --> 00:24:24,270
blind bubbles i agree i agree cuz

557
00:24:28,490 --> 00:24:27,059
everybody who lines up to do it

558
00:24:32,180 --> 00:24:28,500
instantly turns into a four-year-old

559
00:24:34,340 --> 00:24:32,190
like now I think you're your dad's

560
00:24:37,280 --> 00:24:34,350
involved with skeptic Alice me yeah um

561
00:24:40,039 --> 00:24:37,290
at least he has been I think he's still

562
00:24:41,750 --> 00:24:40,049
is I better ask him better asking you in

563
00:24:43,490 --> 00:24:41,760

fact I I'm gonna put you on the spot

564
00:24:45,200 --> 00:24:43,500
pinion-whitt when you go back home I'd

565
00:24:48,390 --> 00:24:45,210
love you to do an interview with your

566
00:24:49,830 --> 00:24:48,400
dad there's a very famous man of course

567
00:24:51,210 --> 00:24:49,840
I loved I don't think I've ever

568
00:24:53,790 --> 00:24:51,220
interviewed him before he's been on the

569
00:24:56,250 --> 00:24:53,800
skeptic zone yes he has yes but but I

570
00:24:59,250 --> 00:24:56,260
did never interviewed the interview your

571
00:25:01,020 --> 00:24:59,260
dad I think would be terrific hello well

572
00:25:03,450 --> 00:25:01,030
um it's again it's great to see it's a

573
00:25:04,710 --> 00:25:03,460
pity I'd like to keep you here in Sydney

574
00:25:06,780 --> 00:25:04,720
for longer for another week so you can

575
00:25:09,030 --> 00:25:06,790
meet all the skeptics own gang here in

576
00:25:11,220 --> 00:25:09,040
Sydney haven't got time this time around

577
00:25:12,690 --> 00:25:11,230
not this time not this time but I can

578
00:25:15,630 --> 00:25:12,700
tell that this won't be your last visit

579
00:25:18,450 --> 00:25:15,640
no I hope not I hope to come back many

580
00:25:21,540 --> 00:25:18,460
times many times and see um Sydney in

581
00:25:23,600 --> 00:25:21,550
the snow yes I'm sure Sydney is lovely

582
00:25:26,580 --> 00:25:23,610
and it doesn't stones to be

583
00:25:28,530 --> 00:25:26,590
winterwonderland I can't wait to see it

584
00:25:30,690 --> 00:25:28,540
it's like the sleighs down George Street

585
00:25:35,310 --> 00:25:30,700
and the Snowman fights in the middle of

586
00:25:37,020 --> 00:25:35,320
modern place that's right ah very with a

587
00:25:38,610 --> 00:25:37,030
penny for your thoughts and we do look

588
00:25:50,119 --> 00:25:38,620

forward to more interviews from you

589
00:25:55,499 --> 00:25:53,340
hello and Allah needle on solo scoffs of

590
00:25:57,600 --> 00:25:55,509
dip moment been to an at low so now to

591
00:26:02,159 --> 00:25:57,610
skeptics on for we to scope and

592
00:26:11,690 --> 00:26:02,169
committee snide anger moving from RC

593
00:26:24,029 --> 00:26:15,060
join us now for drinking skeptically in

594
00:26:28,109 --> 00:26:24,039
the think tank Myna Birds well then you

595
00:26:31,590 --> 00:26:28,119
see how they well they're actually

596
00:26:35,039 --> 00:26:31,600
called a noise and minors that's what I

597
00:26:37,889 --> 00:26:35,049
like about it focus we get a lesson from

598
00:26:41,369 --> 00:26:37,899
that well-known bird spotter dr. Rachel

599
00:26:43,379 --> 00:26:41,379
Dunlop hello dr. EG okay I'm twitching

600
00:26:46,320 --> 00:26:43,389
as we speak you are you're at would you

601
00:26:48,509 --> 00:26:46,330
know now I'm not Witcher well now I can

602
00:26:50,909 --> 00:26:48,519
protect only new social media thing this

603
00:26:53,460 --> 00:26:50,919
is the Fed watcher anybody who follows

604
00:26:54,960 --> 00:26:53,470
dr. AG on Facebook will be noticing all

605
00:26:58,889 --> 00:26:54,970
the wonderful pictures of birds she's

606
00:27:00,419 --> 00:26:58,899
been posting up lately yeah but I went

607
00:27:02,100 --> 00:27:00,429
to a twitching park on the weekend and

608
00:27:05,220 --> 00:27:02,110
there's no way I'm a Twitter yet all

609
00:27:07,619 --> 00:27:05,230
right got a little bit away today what

610
00:27:11,100 --> 00:27:07,629
you need like a funny hat yeah and you

611
00:27:13,169 --> 00:27:11,110
need to camouflage yourself oh yeah i'm

612
00:27:17,310 --> 00:27:13,179
nomming the last part of a picture it's

613
00:27:20,519 --> 00:27:17,320

joined bedam oh hello Jeff hi Richard

614
00:27:25,739 --> 00:27:20,529
and Marcos been ruse will hello hi hello

615
00:27:28,250 --> 00:27:25,749
hello thanks for having me well it's

616
00:27:33,750 --> 00:27:30,690
welcome oh thank you thank you I'll make

617
00:27:36,420 --> 00:27:33,760
myself at home then familiar voice it's

618
00:27:39,510 --> 00:27:36,430
Stefan Saiga it's lovely to me he for a

619
00:27:41,670 --> 00:27:39,520
change yeah nice never make a tank but

620
00:27:43,500 --> 00:27:41,680
those of you here I've only just got

621
00:27:45,330 --> 00:27:43,510
here at least on the way here but here

622
00:27:47,310 --> 00:27:45,340
in video Arthur and joining us all the

623
00:27:49,170 --> 00:27:47,320
way from Melbourne it's the Australian

624
00:27:51,210 --> 00:27:49,180
skeptics amongst other things you have

625
00:27:53,010 --> 00:27:51,220
our specialist dr. Steve Roberts think

626
00:27:54,960 --> 00:27:53,020
of evening i voted for melbourne for the

627
00:27:58,110 --> 00:27:54,970
weekend yeah he ought to see you all in

628
00:28:02,190 --> 00:27:58,120
the air sir oh good for you to join us

629
00:28:04,470 --> 00:28:02,200
now you and I had the distinct pleasure

630
00:28:06,900 --> 00:28:04,480
if I can put it that way last night we

631
00:28:09,780 --> 00:28:06,910
viewed the first episode of a new series

632
00:28:12,510 --> 00:28:09,790
in the state's called the tech the

633
00:28:14,550 --> 00:28:12,520
ten-million-dollar bigfoot bounty I just

634
00:28:17,040 --> 00:28:14,560
discuss this very briefly they get team

635
00:28:18,960 --> 00:28:17,050
there's teams of there's eight teams of

636
00:28:20,820 --> 00:28:18,970
two people something like that they send

637
00:28:22,650 --> 00:28:20,830
them off into the wilds of Washington

638
00:28:24,390 --> 00:28:22,660

and California and they say bring back

639
00:28:27,150 --> 00:28:24,400
evidence a Bigfoot and if you don't you

640
00:28:29,160 --> 00:28:27,160
get kicked off the show really and guess

641
00:28:31,740 --> 00:28:29,170
what none of them abroad back in here

642
00:28:34,320 --> 00:28:31,750
evidence I survived finally they're

643
00:28:37,440 --> 00:28:34,330
using the reality TV show genre to good

644
00:28:39,030 --> 00:28:37,450
use them it is so those people in the

645
00:28:41,400 --> 00:28:39,040
state's it's look it's worth a look for

646
00:28:42,900 --> 00:28:41,410
a giggle but honestly asking people to

647
00:28:45,060 --> 00:28:42,910
go out and they have to bring back

648
00:28:47,910 --> 00:28:45,070
evidence of Bigfoot it's like was there

649
00:28:50,100 --> 00:28:47,920
much shona ten-million-dollar bigfoot

650
00:28:52,200 --> 00:28:50,110
bounty alright then 10 million dollars

651
00:28:55,860 --> 00:28:52,210
is the right safe laser beam have some

652
00:28:58,470 --> 00:28:55,870
DNA song they can get DNA from and a

653
00:29:00,420 --> 00:28:58,480
photograph or some kind of evidence the

654
00:29:02,160 --> 00:29:00,430
DNA sample as though like a raisin a few

655
00:29:07,530 --> 00:29:02,170
of them desperately like cooing into

656
00:29:10,410 --> 00:29:07,540
their own we saw that yeah almost that

657
00:29:12,150 --> 00:29:10,420
bad I think I think that the value the

658
00:29:14,340 --> 00:29:12,160
fact that the company in the show comes

659
00:29:16,280 --> 00:29:14,350
from the contestant us I'm going to find

660
00:29:18,170 --> 00:29:16,290
me a Bigfoot you know

661
00:29:19,820 --> 00:29:18,180
to be funny it's not like we think

662
00:29:21,740 --> 00:29:19,830
there's someone less evolved the Bigfoot

663
00:29:23,890 --> 00:29:21,750

it's not it was meant to be serious yeah

664
00:29:27,350 --> 00:29:23,900
well as serious as these things can be

665
00:29:29,570 --> 00:29:27,360
let's move on to more pressing I'll go

666
00:29:31,730 --> 00:29:29,580
just gotta say uh probably the DNA of

667
00:29:35,150 --> 00:29:31,740
the contestants could be quite close to

668
00:29:37,610 --> 00:29:35,160
the truth yeah I think you might be

669
00:29:40,850 --> 00:29:37,620
right you're on to something I don't

670
00:29:43,580 --> 00:29:40,860
stop it let's let's talk about more

671
00:29:45,140 --> 00:29:43,590
pressing in more than one ways a more

672
00:29:47,510 --> 00:29:45,150
pressing issue what are these

673
00:29:50,450 --> 00:29:47,520
chiropractors been up to dr. a ginger

674
00:29:51,980 --> 00:29:50,460
not complying what's all that about we

675
00:29:53,390 --> 00:29:51,990
play whack-a-mole with the anti vectors

676
00:29:55,430 --> 00:29:53,400
for a while and we sort of they haven't

677
00:30:00,200 --> 00:29:55,440
come back up recently so if it got a bit

678
00:30:04,970 --> 00:30:00,210
bored have a look into chiropractic and

679
00:30:06,440 --> 00:30:04,980
I have to say it before I was made privy

680
00:30:09,020 --> 00:30:06,450
to some of the information that's come

681
00:30:10,520 --> 00:30:09,030
out recently I probably like most people

682
00:30:14,540 --> 00:30:10,530
presume that these guys were quite

683
00:30:16,790 --> 00:30:14,550
standard mainstream first healthcare

684
00:30:18,590 --> 00:30:16,800
practitioners perfect chiropractors yeah

685
00:30:19,820 --> 00:30:18,600
that's how I grew up thinking yeah that

686
00:30:22,670 --> 00:30:19,830
just sort of gave you a nice back

687
00:30:24,710 --> 00:30:22,680
massage and that was mine but um I've

688
00:30:27,410 --> 00:30:24,720

learned quite a lot about it in the last

689
00:30:29,750 --> 00:30:27,420
year and it seems to me that in fact I

690
00:30:31,520 --> 00:30:29,760
wouldn't I would go so far as to say

691
00:30:35,060 --> 00:30:31,530
that some of them I'm function like a

692
00:30:37,130 --> 00:30:35,070
cult it's really full-on and scary yeah

693
00:30:40,000 --> 00:30:37,140
yeah not only are they I mean the reason

694
00:30:42,350 --> 00:30:40,010
we started looking at their practices in

695
00:30:45,170 --> 00:30:42,360
detail was because many of them are

696
00:30:48,560 --> 00:30:45,180
anti-vaccination no not all of them but

697
00:30:50,300 --> 00:30:48,570
many of them yeah and once you start

698
00:30:52,970 --> 00:30:50,310
digging you come across all these other

699
00:30:55,580 --> 00:30:52,980
crazy stuff that they believe and of

700
00:30:58,220 --> 00:30:55,590
course you know most of us here wouldn't

701
00:30:59,930 --> 00:30:58,230
know that they also make claims outside

702
00:31:01,810 --> 00:30:59,940
the areas of expertise so they claim

703
00:31:05,030 --> 00:31:01,820
that they can help with ear infections

704
00:31:07,430 --> 00:31:05,040
bedwetting colleges on phone colleague

705
00:31:09,140 --> 00:31:07,440
um let's go it's not become more extreme

706
00:31:11,330 --> 00:31:09,150
than that though what you know we used

707
00:31:12,650 --> 00:31:11,340
to as just said we used to hear them

708
00:31:15,080 --> 00:31:12,660
talk a lot about things like ear

709
00:31:19,060 --> 00:31:15,090
infections and colleague but now we hear

710
00:31:22,520 --> 00:31:19,070
their claims extending to autism hmm and

711
00:31:24,920 --> 00:31:22,530
that's extreme it is extreme they sort

712
00:31:26,970 --> 00:31:24,930
of seem to manipulate the language they

713
00:31:29,310 --> 00:31:26,980

use to describe what they do to ink

714
00:31:31,080 --> 00:31:29,320
compass broader and broader field so

715
00:31:33,390 --> 00:31:31,090
they now have something called

716
00:31:35,520 --> 00:31:33,400
chiropractic neurology you know they

717
00:31:37,200 --> 00:31:35,530
make all sorts of planes around the

718
00:31:39,780 --> 00:31:37,210
functioning of the nervous system and

719
00:31:43,409 --> 00:31:39,790
the brain and so on this term was coined

720
00:31:46,250 --> 00:31:43,419
by an Australian chiropractor something

721
00:31:49,380 --> 00:31:46,260
called retained neonatal reflexes now

722
00:31:52,950 --> 00:31:49,390
neonatal reflexes are primitive reflexes

723
00:31:55,409 --> 00:31:52,960
that we're all born with and the babies

724
00:31:57,600 --> 00:31:55,419
take a breath of the duct underwater the

725
00:31:59,430 --> 00:31:57,610
salina yeah exactly exactly and there's

726
00:32:00,810 --> 00:31:59,440
things like a Babinski reflex and so on

727
00:32:02,549 --> 00:32:00,820
they're basically their reflexes that

728
00:32:04,580 --> 00:32:02,559
you'll see that the startle reflex where

729
00:32:07,680 --> 00:32:04,590
you pick up a child in a sort of all

730
00:32:10,080 --> 00:32:07,690
reactants online and as we go through

731
00:32:13,590 --> 00:32:10,090
certain stages of development we lose

732
00:32:18,120 --> 00:32:13,600
those reflexes so the theory that these

733
00:32:20,580 --> 00:32:18,130
chiropractors are kind of working with

734
00:32:23,100 --> 00:32:20,590
is the idea that if you have if you

735
00:32:26,730 --> 00:32:23,110
retain any of these reflexes then that

736
00:32:29,940 --> 00:32:26,740
correlates with certain syndromes

737
00:32:33,210 --> 00:32:29,950
illnesses and so on so if your child is

738
00:32:35,430 --> 00:32:33,220

diagnosed as being you know having

739
00:32:37,470 --> 00:32:35,440
attention deficit disorder or or has

740
00:32:41,510 --> 00:32:37,480
behavioral difficulties then there are

741
00:32:43,980 --> 00:32:41,520
certain retained neonatal reflexes that

742
00:32:45,659 --> 00:32:43,990
causing this problem and then they've

743
00:32:49,289 --> 00:32:45,669
got all these interventions to treat

744
00:32:54,180 --> 00:32:49,299
that now it's hogwash there is no

745
00:32:55,980 --> 00:32:54,190
evidence about this but yeah they make

746
00:32:58,230 --> 00:32:55,990
all of these claims and to the

747
00:33:00,690 --> 00:32:58,240
unsuspecting parent it looks quite

748
00:33:02,580 --> 00:33:00,700
legitimate this is it sounds to me like

749
00:33:04,440 --> 00:33:02,590
a classic case of inventing a problem

750
00:33:07,049 --> 00:33:04,450
than selling you the cure yeah very much

751
00:33:10,500 --> 00:33:07,059
well I mean if I was surprised to notice

752
00:33:11,520 --> 00:33:10,510
that in fact if you and I I have to say

753
00:33:13,140 --> 00:33:11,530
to begin with that there are

754
00:33:15,180 --> 00:33:13,150
chiropractors out there that are good

755
00:33:17,159 --> 00:33:15,190
yeah and they are genuinely trying to

756
00:33:18,690 --> 00:33:17,169
help people and they don't work outside

757
00:33:20,370 --> 00:33:18,700
their area of expertise but

758
00:33:22,409 --> 00:33:20,380
unfortunately the bad apples ruin the

759
00:33:25,560 --> 00:33:22,419
barrel as you know it turns out that

760
00:33:28,080 --> 00:33:25,570
there a lot of what they do is just a

761
00:33:29,760 --> 00:33:28,090
business model so even if you just did a

762
00:33:32,190 --> 00:33:29,770
cursory google search you could find on

763
00:33:34,049 --> 00:33:32,200

youtube lots and lots of videos of how

764
00:33:36,090 --> 00:33:34,059
to increase your business and this is

765
00:33:38,039 --> 00:33:36,100
why in my opinion there outreaching to

766
00:33:39,480 --> 00:33:38,049
to pediatrics and stuff like that

767
00:33:40,259 --> 00:33:39,490
because they're like well if we can get

768
00:33:42,089 --> 00:33:40,269
you in early

769
00:33:45,749 --> 00:33:42,099
then we can keep having you as a patient

770
00:33:47,999 --> 00:33:45,759
and the thing with kairos is you'll find

771
00:33:49,109 --> 00:33:48,009
that you rarely go and they'll turn you

772
00:33:51,269 --> 00:33:49,119
away and say there's nothing wrong with

773
00:33:53,639 --> 00:33:51,279
you you don't need to come back it's

774
00:33:55,079 --> 00:33:53,649
usually well you have to come back once

775
00:33:57,899 --> 00:33:55,089
a week for the next three months

776
00:33:59,669 --> 00:33:57,909
remember yes robot and you know if if I

777
00:34:01,349 --> 00:33:59,679
went to a GP and they said that to me

778
00:34:02,879 --> 00:34:01,359
I'd be thinking we'll hang on a second

779
00:34:05,849 --> 00:34:02,889
how do you think you can't be very good

780
00:34:07,409 --> 00:34:05,859
in a job want me to come back but they

781
00:34:09,869 --> 00:34:07,419
explain that away by saying all this

782
00:34:11,730 --> 00:34:09,879
well being so it's like ancient its

783
00:34:13,500 --> 00:34:11,740
maintenance right yeah but they have

784
00:34:16,559 --> 00:34:13,510
been criticized quite heavily recently

785
00:34:18,240 --> 00:34:16,569
by the skeptics and this is a hos evils

786
00:34:20,609 --> 00:34:18,250
company those evil skeptics it's a bunch

787
00:34:22,500 --> 00:34:20,619
of people and one of whom goes by the

788
00:34:25,460 --> 00:34:22,510

name of reasonable Hank who has written

789
00:34:29,329 --> 00:34:25,470
now 50 blog posts yeah he's great

790
00:34:31,470 --> 00:34:29,339
eviscerating individual kairos claims

791
00:34:33,960 --> 00:34:31,480
particularly with focus on the

792
00:34:36,690 --> 00:34:33,970
anti-vaccination claims and this has

793
00:34:39,750 --> 00:34:36,700
resulted in some a bit of a backlash

794
00:34:42,419 --> 00:34:39,760
from the kairos themselves in particular

795
00:34:44,460 --> 00:34:42,429
recently there was a editorial written

796
00:34:46,409 --> 00:34:44,470
in the chiropractic journal of australia

797
00:34:49,680 --> 00:34:46,419
which i guess is supposed to be their

798
00:34:51,569 --> 00:34:49,690
research journal by philip ii bro who is

799
00:34:53,010 --> 00:34:51,579
he's the head of school at the central

800
00:34:55,740 --> 00:34:53,020
queensland university school

801
00:34:58,349 --> 00:34:55,750
chiropractic now they also have a

802
00:35:00,269 --> 00:34:58,359
foundation which is called the

803
00:35:02,279 --> 00:35:00,279
australian spinal research foundation

804
00:35:03,329 --> 00:35:02,289
and so people donate to this and of

805
00:35:05,250 --> 00:35:03,339
course the money is meant to go to

806
00:35:08,750 --> 00:35:05,260
research as the name would suggest and

807
00:35:10,799 --> 00:35:08,760
one of their own kairos in fact did I

808
00:35:13,500 --> 00:35:10,809
would say it's a cursory investigation

809
00:35:15,240 --> 00:35:13,510
it didn't require forensic accounting

810
00:35:17,400 --> 00:35:15,250
and found that they were spending

811
00:35:20,039 --> 00:35:17,410
between three and six percent of that

812
00:35:25,549 --> 00:35:20,049
money on actual research on the right

813
00:35:27,750 --> 00:35:25,559

way with your Eskimo Joe oh nice track I

814
00:35:29,609 --> 00:35:27,760
can't I can't remember exactly where it

815
00:35:31,109 --> 00:35:29,619
was gonna have it I mean they hadn't

816
00:35:33,059 --> 00:35:31,119
seen as if they were spending on actual

817
00:35:34,170 --> 00:35:33,069
research was just laughable yeah and

818
00:35:37,500 --> 00:35:34,180
they have these conferences that are

819
00:35:40,349 --> 00:35:37,510
almost akin to like a hillsong type hmm

820
00:35:42,089 --> 00:35:40,359
gathering where um it's you know it's a

821
00:35:43,380 --> 00:35:42,099
rock concert kind of thing each other

822
00:35:46,170 --> 00:35:43,390
all that can tell each other how

823
00:35:48,600 --> 00:35:46,180
wonderful they are no they kind of there

824
00:35:53,040 --> 00:35:48,610
they are privileged to have the you know

825
00:35:55,260 --> 00:35:53,050
access to the gift of chiropractic this

826
00:35:57,420 --> 00:35:55,270
is why we are very much cash yeah its

827
00:35:59,580 --> 00:35:57,430
voltage so because they've common to

828
00:36:01,470 --> 00:35:59,590
such pressure lately they wrote this you

829
00:36:03,060 --> 00:36:01,480
know there's some editorial which is

830
00:36:05,250 --> 00:36:03,070
kind of trying to dismiss all this

831
00:36:07,080 --> 00:36:05,260
criticism by saying well the good news

832
00:36:09,060 --> 00:36:07,090
is that we have never been in a better

833
00:36:10,440 --> 00:36:09,070
place because people will vote with

834
00:36:12,600 --> 00:36:10,450
their feet and we're getting all these

835
00:36:14,460 --> 00:36:12,610
people coming to our practices and well

836
00:36:16,170 --> 00:36:14,470
yeah lots of people believe in fairies

837
00:36:19,950 --> 00:36:16,180
and those two that doesn't make them

838
00:36:22,620 --> 00:36:19,960

good or real but so they referred to

839
00:36:24,660 --> 00:36:22,630
this guy Philip ebro refer to this

840
00:36:28,500 --> 00:36:24,670
chiropractor who wrote the exposé on

841
00:36:31,770 --> 00:36:28,510
their alleged apparent misuse of funding

842
00:36:36,210 --> 00:36:31,780
by saying it was a completely incorrect

843
00:36:40,290 --> 00:36:36,220
and poorly written expose of of the ASR

844
00:36:42,150 --> 00:36:40,300
F and then had had a an attack of

845
00:36:45,870 --> 00:36:42,160
personal attack on the chiro involved

846
00:36:47,220 --> 00:36:45,880
Wow now they also have come under a lot

847
00:36:51,210 --> 00:36:47,230
of fire for their behavior on social

848
00:36:54,330 --> 00:36:51,220
media in particular Facebook and and

849
00:36:56,660 --> 00:36:54,340
Twitter he also gives a shout out to

850
00:36:59,070 --> 00:36:56,670
friends of science in medicine of which

851
00:37:01,740 --> 00:36:59,080
we are familiar with their work yeah

852
00:37:03,450 --> 00:37:01,750
yeah what a fine organization they are

853
00:37:06,390 --> 00:37:03,460
he says well he doesn't agree with you

854
00:37:09,780 --> 00:37:06,400
Richard oh he says any further rubbish

855
00:37:12,270 --> 00:37:09,790
from fsm will be seen by government and

856
00:37:15,210 --> 00:37:12,280
its agencies as a twisted myopic

857
00:37:17,100 --> 00:37:15,220
minority view from the skeptics it will

858
00:37:22,610 --> 00:37:17,110
be disregarded with the contempt it

859
00:37:26,820 --> 00:37:22,620
deserves you guys know whatever it'll

860
00:37:28,800 --> 00:37:26,830
percent the use of the money they use in

861
00:37:31,620 --> 00:37:28,810
research you do you guys have an idea of

862
00:37:35,100 --> 00:37:31,630
what this researched well I had one

863
00:37:37,260 --> 00:37:35,110

interestingly chiropractic research is

864
00:37:40,980 --> 00:37:37,270
quite hard to come by because it's

865
00:37:43,080 --> 00:37:40,990
actually published not well some of it

866
00:37:44,910 --> 00:37:43,090
is published and inaccessible through

867
00:37:47,550 --> 00:37:44,920
you know your typical like you'll find

868
00:37:50,310 --> 00:37:47,560
it on PubMed google scholar google

869
00:37:54,630 --> 00:37:50,320
scholar and so on but a lot of it is

870
00:37:57,450 --> 00:37:54,640
published in basically cairo sort of

871
00:37:58,820 --> 00:37:57,460
repositories of knowledge which in the

872
00:38:00,710 --> 00:37:58,830
junior high today

873
00:38:04,070 --> 00:38:00,720
well they're not even journals then what

874
00:38:06,530 --> 00:38:04,080
was it in not scopus it was found line I

875
00:38:12,350 --> 00:38:06,540
can't remember someone found it in some

876
00:38:17,390 --> 00:38:12,360
suppository of wisdom time because i

877
00:38:19,190 --> 00:38:17,400
think it's suitable better the other

878
00:38:21,800 --> 00:38:19,200
thing so with respect to their behavior

879
00:38:24,110 --> 00:38:21,810
on social media that this is by the way

880
00:38:25,700 --> 00:38:24,120
the editorial of their research journal

881
00:38:28,880 --> 00:38:25,710
yeah which is like their flagship

882
00:38:31,370 --> 00:38:28,890
journal he says this demands that you

883
00:38:35,750 --> 00:38:31,380
cut the crap from your website and do it

884
00:38:37,970 --> 00:38:35,760
now this writer has and the freedom is

885
00:38:39,650 --> 00:38:37,980
staggering do not put yourself in any

886
00:38:41,900 --> 00:38:39,660
position where you will be taunted to

887
00:38:43,850 --> 00:38:41,910
respond because any response no matter

888
00:38:47,390 --> 00:38:43,860

how rational will be debunked and

889
00:38:49,280 --> 00:38:47,400
twisted oh dear it hurts because the

890
00:38:51,410 --> 00:38:49,290
purpose is to entice you to say that

891
00:38:53,900 --> 00:38:51,420
that one more phrase that will hang you

892
00:38:55,520 --> 00:38:53,910
close down Facebook and Twitter get away

893
00:38:58,190 --> 00:38:55,530
from LinkedIn and Google circles and

894
00:39:01,430 --> 00:38:58,200
live how about talking face-to-face to

895
00:39:03,710 --> 00:39:01,440
your family I think I think what's so

896
00:39:05,270 --> 00:39:03,720
just everything about it is that you

897
00:39:07,280 --> 00:39:05,280
know first of all this is an editorial

898
00:39:08,870 --> 00:39:07,290
in what is facing a professional journal

899
00:39:11,720 --> 00:39:08,880
exactly imagine ever reading something

900
00:39:14,870 --> 00:39:11,730
like this in a professional journal and

901
00:39:17,840 --> 00:39:14,880
and and techno all the fact is that

902
00:39:19,130 --> 00:39:17,850
basically what they're saying is shut

903
00:39:21,710 --> 00:39:19,140
everything down because we don't want to

904
00:39:23,660 --> 00:39:21,720
be questioned yeah no no I don't let

905
00:39:26,840 --> 00:39:23,670
anyone see what I mean the thing is you

906
00:39:29,390 --> 00:39:26,850
can see you can take you know like the

907
00:39:31,610 --> 00:39:29,400
board can tell them to pull the ante

908
00:39:33,260 --> 00:39:31,620
back stuff from their websites and from

909
00:39:34,610 --> 00:39:33,270
facebook but you can go into their

910
00:39:36,610 --> 00:39:34,620
practices and you might still find

911
00:39:39,260 --> 00:39:36,620
material mmm you know who's policing

912
00:39:41,060 --> 00:39:39,270
what's a bit of it yeah it's a bit of a

913
00:39:43,220 --> 00:39:41,070

it my cake and have it too I mean they

914
00:39:45,170 --> 00:39:43,230
don't want the hard work that's mobile

915
00:39:46,550 --> 00:39:45,180
research and at the same time they don't

916
00:39:48,590 --> 00:39:46,560
want to be questioned about they don't

917
00:39:51,380 --> 00:39:48,600
want to as you said so what's the sender

918
00:39:53,810 --> 00:39:51,390
you know if chiropractic wants to be

919
00:39:56,210 --> 00:39:53,820
afforded the same status as other health

920
00:39:58,430 --> 00:39:56,220
professions and they do yeah and well

921
00:40:00,170 --> 00:39:58,440
and technically they are being afforded

922
00:40:02,240 --> 00:40:00,180
the same status by being put under the

923
00:40:04,370 --> 00:40:02,250
upper umbrella with doctors and nurses

924
00:40:07,210 --> 00:40:04,380
and psychologists and so on

925
00:40:10,460 --> 00:40:07,220
then the expectations of what they will

926
00:40:12,259 --> 00:40:10,470
put out there in terms of the claims

927
00:40:16,400 --> 00:40:12,269
they make their professional behavior

928
00:40:18,499 --> 00:40:16,410
and having to provide the same

929
00:40:22,299 --> 00:40:18,509
information about for example adverse

930
00:40:26,599 --> 00:40:22,309
events and so on and what we do yo you

931
00:40:28,249 --> 00:40:26,609
should be expected and that's not what

932
00:40:30,710 --> 00:40:28,259
they're doing this is the sort of people

933
00:40:32,839 --> 00:40:30,720
who always say we need we demand equal

934
00:40:34,309 --> 00:40:32,849
playing field we don't want to play by

935
00:40:35,779 --> 00:40:34,319
the window we basically what they're

936
00:40:37,759 --> 00:40:35,789
saying and I should make the distinction

937
00:40:39,620 --> 00:40:37,769
here that we're referring specifically

938
00:40:41,390 --> 00:40:39,630

in this case to Cairo is that are part

939
00:40:43,160 --> 00:40:41,400
of the chiropractic association of

940
00:40:44,390 --> 00:40:43,170
australia there are two professional

941
00:40:47,299 --> 00:40:44,400
bodies in Australia the other one is

942
00:40:50,720 --> 00:40:47,309
coca the College of Chiropractic and

943
00:40:52,970 --> 00:40:50,730
osteopathic and they are very Pro

944
00:40:54,559 --> 00:40:52,980
vaccinations they have official position

945
00:40:56,509 --> 00:40:54,569
statements on their website they are

946
00:40:58,940 --> 00:40:56,519
much more evidence based in our approach

947
00:41:00,799 --> 00:40:58,950
but unfortunately the majority of car is

948
00:41:03,349 --> 00:41:00,809
don't belong to coca they belong to the

949
00:41:05,720 --> 00:41:03,359
CIA and the empty vessels make the

950
00:41:07,819 --> 00:41:05,730
loudest noise so the ones that are

951
00:41:10,849 --> 00:41:07,829
carrying on like this in a completely

952
00:41:13,549 --> 00:41:10,859
unprofessional manner are the CIA and

953
00:41:14,809 --> 00:41:13,559
they're the ones there you know either

954
00:41:17,059 --> 00:41:14,819
they're saying that they're not really

955
00:41:18,859 --> 00:41:17,069
they don't want to be of the world I

956
00:41:20,900 --> 00:41:18,869
don't have a dialogue they won't stop

957
00:41:22,640 --> 00:41:20,910
their web pages they won't withdraw to

958
00:41:26,240 --> 00:41:22,650
their shelves well they'll have a

959
00:41:27,559 --> 00:41:26,250
dialogue and if you focus to be made and

960
00:41:29,960 --> 00:41:27,569
vet initiatives to be gained you know

961
00:41:33,349 --> 00:41:29,970
it's too open dialogue and define

962
00:41:34,970 --> 00:41:33,359
akathisia Jameson witticism I speak from

963
00:41:37,190 --> 00:41:34,980

personal experience actually I got you

964
00:41:38,390 --> 00:41:37,200
mentioning before about um about how

965
00:41:39,589 --> 00:41:38,400
they would branching on a different

966
00:41:43,670 --> 00:41:39,599
disciplines well I actually went to see

967
00:41:45,259 --> 00:41:43,680
a chiropractic plumber the other day and

968
00:41:46,759 --> 00:41:45,269
interestingly it was quite successful

969
00:41:50,370 --> 00:41:46,769
because he cracked my neck and I wet

970
00:42:02,860 --> 00:41:58,990
thank you stammers Luca dearie me it's a

971
00:42:07,390 --> 00:42:02,870
true story no but hey hey chiropractic

972
00:42:09,240 --> 00:42:07,400
vets yeah not really yeah it's really

973
00:42:12,700 --> 00:42:09,250
there are you men in chiropractic our

974
00:42:16,450 --> 00:42:12,710
bosses right what are sneaking yesterday

975
00:42:18,340 --> 00:42:16,460
we saw it nobody a Churchill there's a

976
00:42:20,710 --> 00:42:18,350
guy just Churchill's yeah yeah I think

977
00:42:22,510 --> 00:42:20,720
that's just one of the CAA in fact

978
00:42:24,820 --> 00:42:22,520
that's quite a senior isn't it on the

979
00:42:26,500 --> 00:42:24,830
board think so yeah on the board of the

980
00:42:30,100 --> 00:42:26,510
Sierra either them to the bones of the

981
00:42:31,450 --> 00:42:30,110
damn thing well we don't know that's

982
00:42:33,790 --> 00:42:31,460
that Michaels the other thing you can

983
00:42:35,470 --> 00:42:33,800
see on youtube is a clip where that the

984
00:42:38,890 --> 00:42:35,480
chiro is apparently adjusting the baby

985
00:42:40,870 --> 00:42:38,900
by adjusting the father so the parent is

986
00:42:43,420 --> 00:42:40,880
lying on the bed the baby's on top of

987
00:42:46,630 --> 00:42:43,430
the parent here's justing the parent and

988
00:42:49,420 --> 00:42:46,640

that's somehow what this thing curious

989
00:42:51,550 --> 00:42:49,430
chiropractic I know yeah so this reminds

990
00:42:53,680 --> 00:42:51,560
me the first time I saw it you can blame

991
00:42:56,530 --> 00:42:53,690
yeah you know you can I thought know

992
00:42:58,960 --> 00:42:56,540
there's a horrible horrible video and

993
00:43:01,570 --> 00:42:58,970
ugh i think has now been taken down but

994
00:43:05,620 --> 00:43:01,580
i think someone might've actually so

995
00:43:07,990 --> 00:43:05,630
bold of it and it's a chiropractor

996
00:43:11,020 --> 00:43:08,000
performing a neck manipulation on a

997
00:43:12,880 --> 00:43:11,030
woman and demonstrating with great

998
00:43:15,040 --> 00:43:12,890
delight how she actually loses

999
00:43:16,990 --> 00:43:15,050
consciousness all the manipulation

1000
00:43:19,630 --> 00:43:17,000
obviously the chiropractor thinks this

1001
00:43:21,670 --> 00:43:19,640
is absolutely wonderful and everyone i

1002
00:43:25,210 --> 00:43:21,680
know i was talking to you know some

1003
00:43:29,620 --> 00:43:25,220
doctors and eat it its soul and everyone

1004
00:43:32,590 --> 00:43:29,630
just felt sick because you know good day

1005
00:43:34,390 --> 00:43:32,600
they think it's absolutely fine for you

1006
00:43:37,840 --> 00:43:34,400
to feel a bit dizzy and a little bit

1007
00:43:42,030 --> 00:43:37,850
funny afterwards that is not okay these

1008
00:43:44,380 --> 00:43:42,040
are not acceptable consequences of

1009
00:43:46,390 --> 00:43:44,390
without you three days but if they work

1010
00:43:48,880 --> 00:43:46,400
kid can I work on exoskeletons as well

1011
00:43:51,870 --> 00:43:48,890
because I could get into pest control

1012
00:43:54,010 --> 00:43:51,880
you just give a little yes speaking of

1013
00:43:56,440 --> 00:43:54,020

exoskeletons this is a true story oh

1014
00:43:57,730 --> 00:43:56,450
just before we Steve and I came here

1015
00:44:00,100 --> 00:43:57,740
today we were visiting Barry Williams

1016
00:44:02,140 --> 00:44:00,110
who's a long epic to catch up and say

1017
00:44:04,420 --> 00:44:02,150
hello and his daughter came and said oh

1018
00:44:05,830 --> 00:44:04,430
there's a big grasshopper in my room on

1019
00:44:07,930 --> 00:44:05,840
the ceiling can you get it can you

1020
00:44:10,240 --> 00:44:07,940
please someone get us media of course Oh

1021
00:44:12,010 --> 00:44:10,250
step aside here we go I picked up this

1022
00:44:19,350 --> 00:44:12,020
grasshopper it turned around and bit

1023
00:44:23,590 --> 00:44:19,360
into my thumb and such a shot anyway

1024
00:44:27,090 --> 00:44:23,600
yeah they bother day they bite speaking

1025
00:44:30,840 --> 00:44:27,100
unite speedy abiding jabber breaky

1026
00:44:33,100 --> 00:44:30,850
what's this meet in the park all about

1027
00:44:35,200 --> 00:44:33,110
tell us about that is a pretty good

1028
00:44:37,470 --> 00:44:35,210
segue and I don't because there you go

1029
00:44:40,330 --> 00:44:37,480
I'm meeting the part well it's just

1030
00:44:42,100 --> 00:44:40,340
unlike it does unlike what it sounds

1031
00:44:46,240 --> 00:44:42,110
which is possibly a dating app or

1032
00:44:47,710 --> 00:44:46,250
something um it is a website that i came

1033
00:44:49,780 --> 00:44:47,720
across on the weekend and the reason i

1034
00:44:52,150 --> 00:44:49,790
mention it i should give you some

1035
00:44:54,910 --> 00:44:52,160
context is because the guy had developed

1036
00:44:59,260 --> 00:44:54,920
it is a regular listen to the show Wow

1037
00:45:03,130 --> 00:44:59,270
so Chad out um it's a website where you

1038
00:45:06,910 --> 00:45:03,140

can find barbecues in Australia in your

1039
00:45:09,310 --> 00:45:06,920
area and it's run it works about GPS so

1040
00:45:11,320 --> 00:45:09,320
it finds your location and then it tells

1041
00:45:13,480 --> 00:45:11,330
you where the nearest barbecues are in

1042
00:45:15,880 --> 00:45:13,490
the area and I guess this is quite

1043
00:45:17,890 --> 00:45:15,890
pertinent given that it's Australia Day

1044
00:45:19,840 --> 00:45:17,900
this Monday yeah public holiday so

1045
00:45:23,470 --> 00:45:19,850
everyone will be out probably looking to

1046
00:45:27,040 --> 00:45:23,480
BBQ a snag or two yeah um so yeah it's

1047
00:45:29,560 --> 00:45:27,050
it's spelt MEA T meet in a park meet in

1048
00:45:32,290 --> 00:45:29,570
a park roni's in a park yeah I think com

1049
00:45:34,750 --> 00:45:32,300
delay you and it's good i tried it on

1050
00:45:36,970 --> 00:45:34,760
sunday i was in melbourne and i was down

1051
00:45:38,590 --> 00:45:36,980
on in point cook actually and the

1052
00:45:41,680 --> 00:45:38,600
barbecues were all full and i had for

1053
00:45:44,740 --> 00:45:41,690
sausages and i was very disappointed so

1054
00:45:46,840 --> 00:45:44,750
we just put in add in our location and

1055
00:45:50,830 --> 00:45:46,850
it popped up with three nearest parking

1056
00:45:52,960 --> 00:45:50,840
what a good idea man so actually what

1057
00:45:55,360 --> 00:45:52,970
happened was i tweeted it and then the

1058
00:45:57,670 --> 00:45:55,370
guy who developed it got back to me

1059
00:46:00,280 --> 00:45:57,680
within like a minute on twitter hmm and

1060
00:46:03,040 --> 00:46:00,290
said I made that up and

1061
00:46:08,530 --> 00:46:03,050
I listen to the show if you said that

1062
00:46:10,480 --> 00:46:08,540
than grindr run you can you go oh I you

1063
00:46:12,520 --> 00:46:10,490

know in their public toilets of the park

1064
00:46:14,350 --> 00:46:12,530
wow this is a theme like I asked him if

1065
00:46:16,210 --> 00:46:14,360
he could develop it so you can check

1066
00:46:18,250 --> 00:46:16,220
into the Barbie people to see if it's

1067
00:46:20,590 --> 00:46:18,260
occupied and I see if you could write

1068
00:46:22,540 --> 00:46:20,600
the Barbie as well yeah so you should

1069
00:46:24,190 --> 00:46:22,550
suggest to him that you know actually

1070
00:46:26,380 --> 00:46:24,200
that sounds like you'd be consulting is

1071
00:46:28,720 --> 00:46:26,390
he playing consultancy fees you actually

1072
00:46:30,190 --> 00:46:28,730
proving his product but be useful we

1073
00:46:33,070 --> 00:46:30,200
didn't write the barbie I'm certainly

1074
00:46:37,090 --> 00:46:33,080
thinking that app would have wouldn't

1075
00:46:42,790 --> 00:46:37,100
fly in my native country because parks

1076
00:46:46,990 --> 00:46:42,800
our you go to make a love I kid you not

1077
00:46:49,120 --> 00:46:47,000
I was a long time ago was making out

1078
00:46:52,680 --> 00:46:49,130
with a girlfriend no one before you just

1079
00:46:56,590 --> 00:46:52,690
you know I was making out and not eating

1080
00:46:59,170 --> 00:46:56,600
enough in a stream acutely not on the

1081
00:47:03,570 --> 00:46:59,180
street on a street kid walk past said go

1082
00:47:06,670 --> 00:47:03,580
to the park I got a room go to the park

1083
00:47:08,650 --> 00:47:06,680
with a more public than you are now so

1084
00:47:11,950 --> 00:47:08,660
yeah that's a different page in the park

1085
00:47:18,520 --> 00:47:11,960
it is me to the bar to meet in the park

1086
00:47:20,920 --> 00:47:18,530
well it's with that honey segue what's

1087
00:47:22,960 --> 00:47:20,930
this side Joey you might be able to fill

1088
00:47:24,690 --> 00:47:22,970

us in a little bit much on the federal

1089
00:47:28,840 --> 00:47:24,700
government review and natural health

1090
00:47:30,340 --> 00:47:28,850
mmhmm yeah well um we've talked about

1091
00:47:34,510 --> 00:47:30,350
this on the show before I think but a

1092
00:47:36,640 --> 00:47:34,520
number of my awesome 2012 the government

1093
00:47:40,210 --> 00:47:36,650
announced investigation into homeopathy

1094
00:47:42,610 --> 00:47:40,220
um based on actually following on from

1095
00:47:45,670 --> 00:47:42,620
what the UK did with their evidence

1096
00:47:47,860 --> 00:47:45,680
check through the house of commons and

1097
00:47:49,600 --> 00:47:47,870
then following on from that they

1098
00:47:51,730 --> 00:47:49,610
actually decided they would do an

1099
00:47:54,490 --> 00:47:51,740
investigation into all natural therapies

1100
00:47:58,630 --> 00:47:54,500
they were looking for ways to cut costs

1101
00:48:00,400 --> 00:47:58,640
actually so they were looking to cut the

1102
00:48:02,380 --> 00:48:00,410
government rebate for people that see

1103
00:48:03,760 --> 00:48:02,390
natural therapists so it's a little bit

1104
00:48:06,430 --> 00:48:03,770
complicated but the way it works in

1105
00:48:08,170 --> 00:48:06,440
Australia is if you have private health

1106
00:48:10,870 --> 00:48:08,180
cover insurance private health insurance

1107
00:48:13,270 --> 00:48:10,880
you can get a rebate back from the

1108
00:48:13,560 --> 00:48:13,280
government on any sort of services that

1109
00:48:17,910 --> 00:48:13,570
they

1110
00:48:19,320 --> 00:48:17,920
provide and sadly in my opinion private

1111
00:48:20,910 --> 00:48:19,330
health insurance in this country covers

1112
00:48:24,120 --> 00:48:20,920
things like acupuncture chiropractic

1113
00:48:26,940 --> 00:48:24,130

trappa theorem in therapy what has done

1114
00:48:29,880 --> 00:48:26,950
a lot of we were which unfortunately you

1115
00:48:32,490 --> 00:48:29,890
can't opt out of in many cases and if

1116
00:48:34,760 --> 00:48:32,500
you do opt out it costs you more oh sure

1117
00:48:37,290 --> 00:48:34,770
it's crazy crazy yeah you can see more

1118
00:48:39,180 --> 00:48:37,300
so this was costing the government

1119
00:48:42,540 --> 00:48:39,190
around 30 million dollars a year in

1120
00:48:44,340 --> 00:48:42,550
rebates for unproven therapies and they

1121
00:48:47,610 --> 00:48:44,350
were looking for ways to cut costs

1122
00:48:49,500 --> 00:48:47,620
anywhere they could so they got the

1123
00:48:51,750 --> 00:48:49,510
chief scientist of Australia to initiate

1124
00:48:53,910 --> 00:48:51,760
an investigation into evidence check for

1125
00:48:55,950 --> 00:48:53,920
these natural therapies with the idea of

1126
00:48:57,960 --> 00:48:55,960
then stopping rebating them if they

1127
00:49:00,720 --> 00:48:57,970
didn't have any evidence which of course

1128
00:49:02,640 --> 00:49:00,730
we were absolutely thrilled by yeah but

1129
00:49:04,880 --> 00:49:02,650
Joe has some news on how that's

1130
00:49:09,470 --> 00:49:04,890
progressing yeah well we were actually

1131
00:49:12,330 --> 00:49:09,480
looking forward to hearing a resolution

1132
00:49:13,620 --> 00:49:12,340
this month but unfortunately we've just

1133
00:49:15,450 --> 00:49:13,630
found out that the government has

1134
00:49:18,630 --> 00:49:15,460
decided to delay the implementation date

1135
00:49:21,000 --> 00:49:18,640
until the first of April 2015 what mmm

1136
00:49:22,770 --> 00:49:21,010
so nothing's going to be happening for a

1137
00:49:25,710 --> 00:49:22,780
while now the thing sounds like a long

1138
00:49:28,500 --> 00:49:25,720

way away and the first of a fortune well

1139
00:49:30,120 --> 00:49:28,510
the moment of health basically they say

1140
00:49:31,980 --> 00:49:30,130
that the revised date will allow the

1141
00:49:33,990 --> 00:49:31,990
Department of Health in consultation

1142
00:49:36,090 --> 00:49:34,000
with the NHMRC that's the young National

1143
00:49:37,560 --> 00:49:36,100
Health Medical Research Council to

1144
00:49:39,420 --> 00:49:37,570
complete a full evidence-based review

1145
00:49:43,620 --> 00:49:39,430
process in consultation with industry

1146
00:49:45,060 --> 00:49:43,630
now on the one hand that sounds great

1147
00:49:46,260 --> 00:49:45,070
they're going to be looking at all the

1148
00:49:48,720 --> 00:49:46,270
evidence they're going to be reviewing

1149
00:49:51,570 --> 00:49:48,730
everything but I suspect that that's

1150
00:49:53,490 --> 00:49:51,580
actually not what's going to happen I

1151
00:49:56,880 --> 00:49:53,500
suspect it's probably going to be more

1152
00:49:58,200 --> 00:49:56,890
along the lines of I think probably the

1153
00:50:00,000 --> 00:49:58,210
way this is going to end up going is

1154
00:50:03,420 --> 00:50:00,010
that they're going to end up looking at

1155
00:50:05,340 --> 00:50:03,430
things from a harm point of view so if

1156
00:50:07,650 --> 00:50:05,350
these things are likely to cause harm

1157
00:50:09,810 --> 00:50:07,660
then they're not going to be no you can

1158
00:50:12,630 --> 00:50:09,820
also go on focus groups and anecdotes as

1159
00:50:14,430 --> 00:50:12,640
well yeah I can't impose a heavy this is

1160
00:50:16,470 --> 00:50:14,440
why I'm worried about it saying they're

1161
00:50:17,910 --> 00:50:16,480
consulting with industry yes wrong

1162
00:50:20,490 --> 00:50:17,920
because some people in that industry

1163
00:50:21,210 --> 00:50:20,500

have a very powerful lobbying oh and

1164
00:50:23,160 --> 00:50:21,220
have a lot of

1165
00:50:26,790 --> 00:50:23,170
money and also our friends with the

1166
00:50:29,430 --> 00:50:26,800
Prime Minister so and and I mean the

1167
00:50:31,620 --> 00:50:29,440
thing is that you know don't forget this

1168
00:50:33,300 --> 00:50:31,630
doesn't include all natural therapies it

1169
00:50:34,530 --> 00:50:33,310
includes a lot of them a lot of things

1170
00:50:36,180 --> 00:50:34,540
to think of I mean is it that they're

1171
00:50:39,470 --> 00:50:36,190
looking at a lot of stuff but

1172
00:50:41,670 --> 00:50:39,480
chiropractic is and transmits and

1173
00:50:44,970 --> 00:50:41,680
acupuncture or not because they fall

1174
00:50:47,670 --> 00:50:44,980
under opera as the recent health

1175
00:50:50,849 --> 00:50:47,680
professions so they are not actually a

1176
00:50:54,180 --> 00:50:50,859
poor reviewed movie um and now when they

1177
00:50:56,310 --> 00:50:54,190
actually presented for this professor

1178
00:50:57,839 --> 00:50:56,320
john dwyer who's the president of french

1179
00:51:01,290 --> 00:50:57,849
friend of science friends of science and

1180
00:51:02,630 --> 00:51:01,300
medicine presented to them and sadly

1181
00:51:07,020 --> 00:51:02,640
friends of science medicine was the only

1182
00:51:09,210 --> 00:51:07,030
science-based submission all the other

1183
00:51:12,960 --> 00:51:09,220
presentations were from these very

1184
00:51:17,730 --> 00:51:12,970
sturdy fashions with you know Edison of

1185
00:51:21,690 --> 00:51:17,740
course maintaining it sorry no see yes

1186
00:51:23,070 --> 00:51:21,700
first of April 2015 I just I mean it

1187
00:51:24,480 --> 00:51:23,080
just annoys me because I it annoyed me

1188
00:51:27,089 --> 00:51:24,490

the first time because they said they

1189
00:51:28,349 --> 00:51:27,099
were going to do a literature review of

1190
00:51:31,109 --> 00:51:28,359
the homie of the literature for

1191
00:51:33,120 --> 00:51:31,119
homeopathy less than 12 months after the

1192
00:51:34,980 --> 00:51:33,130
UK government had just done exactly that

1193
00:51:36,960 --> 00:51:34,990
and basically said that there's no

1194
00:51:38,370 --> 00:51:36,970
evidence yeah it's handle yeah yeah

1195
00:51:40,230 --> 00:51:38,380
don't conduct any further research

1196
00:51:41,550 --> 00:51:40,240
engines yeah and so why they were

1197
00:51:43,710 --> 00:51:41,560
reinventing the wheel I mean it's not

1198
00:51:46,290 --> 00:51:43,720
like it's a localized thing it's a

1199
00:51:48,060 --> 00:51:46,300
budget researchers internationally exist

1200
00:51:50,970 --> 00:51:48,070
everywhere discover that homeopathy

1201
00:51:53,380 --> 00:51:50,980
works in Australia

1202
00:51:57,220 --> 00:51:53,390
when that be just ate what they wanted

1203
00:51:59,020 --> 00:51:57,230
to get Illinois so they're wasting a

1204
00:52:01,840 --> 00:51:59,030
huge amount of money which is the point

1205
00:52:03,550 --> 00:52:01,850
of this review is to reduce spending and

1206
00:52:05,290 --> 00:52:03,560
then wasting all this money reinventing

1207
00:52:06,940 --> 00:52:05,300
the wheel and they're dragging it out

1208
00:52:08,530 --> 00:52:06,950
further and further and by that they're

1209
00:52:10,240 --> 00:52:08,540
gonna chew up another 30 million bucks

1210
00:52:13,270 --> 00:52:10,250
which is what they're trying to save by

1211
00:52:15,460 --> 00:52:13,280
faffing around well one of the things of

1212
00:52:17,490 --> 00:52:15,470
course that people can do to help

1213
00:52:20,290 --> 00:52:17,500

bolster outside is attend various

1214
00:52:23,470 --> 00:52:20,300
skeptic functions one of them being

1215
00:52:25,270 --> 00:52:23,480
skipped account yes no Joe you're going

1216
00:52:26,980 --> 00:52:25,280
just you are going to the skeptic

1217
00:52:29,620 --> 00:52:26,990
Campbell gonna disguise I am don't skip

1218
00:52:33,400 --> 00:52:29,630
candy those in its the I think it's the

1219
00:52:36,970 --> 00:52:33,410
third great ocean road Surf Coast summer

1220
00:52:40,570 --> 00:52:36,980
skipped camp coming up on the first

1221
00:52:42,400 --> 00:52:40,580
februari yeah uh it's down at Aries

1222
00:52:45,490 --> 00:52:42,410
English and you can find out more about

1223
00:52:47,349 --> 00:52:45,500
it online just Google surf coast great

1224
00:52:48,820 --> 00:52:47,359
ocean road skipped account surf coach

1225
00:52:51,130 --> 00:52:48,830
sounds good doesn't mean it's fabulous

1226
00:52:52,870 --> 00:52:51,140
ah look I have to say I've been to a

1227
00:52:55,300 --> 00:52:52,880
number of different skeptic amps and

1228
00:52:58,599 --> 00:52:55,310
this one's my favorite because it's just

1229
00:53:01,900 --> 00:52:58,609
a lovely weekend way and great company

1230
00:53:05,440 --> 00:53:01,910
interesting talks oh wow and are you

1231
00:53:08,020 --> 00:53:05,450
going dr. see you know Paul long so it's

1232
00:53:10,840 --> 00:53:08,030
the URL live so yeah I spoke at the last

1233
00:53:13,330 --> 00:53:10,850
one side okay give it a bash meal you

1234
00:53:15,490 --> 00:53:13,340
give you talk Joe I home I am I haven't

1235
00:53:18,130 --> 00:53:15,500
decided what I will talk about yet but

1236
00:53:19,570 --> 00:53:18,140
yes I'm all right well the last thing

1237
00:53:21,220 --> 00:53:19,580
about skipped account says you can just

1238
00:53:22,960 --> 00:53:21,230

turn up on the day and there's a slot

1239
00:53:25,840 --> 00:53:22,970
available you can just do a talk yeah

1240
00:53:28,030 --> 00:53:25,850
we've had 33 and Sydney now I think

1241
00:53:29,590 --> 00:53:28,040
something like that noise it wouldn't

1242
00:53:36,130 --> 00:53:29,600
good I think everyone's had my phone

1243
00:53:38,980 --> 00:53:36,140
talk so I need new material all right

1244
00:53:42,760 --> 00:53:38,990
now last thing on our agenda today to

1245
00:53:44,500 --> 00:53:42,770
talk about is the society what would

1246
00:53:46,150 --> 00:53:44,510
have the society besides based medicine

1247
00:53:48,490 --> 00:53:46,160
Thank You society the science-based

1248
00:53:52,359 --> 00:53:48,500
medicine well what can we say about that

1249
00:53:53,980 --> 00:53:52,369
we can say a lot about that if listeners

1250
00:53:56,460 --> 00:53:53,990
are familiar with the outstanding

1251
00:53:58,020 --> 00:53:56,470
website science-based medicine

1252
00:54:00,210 --> 00:53:58,030
then you'll be pleased to know that

1253
00:54:02,670 --> 00:54:00,220
they've recently announced a new

1254
00:54:07,080 --> 00:54:02,680
organization called the Society for

1255
00:54:10,109 --> 00:54:07,090
science-based medicine it's American

1256
00:54:14,970 --> 00:54:10,119
base but with an international scope and

1257
00:54:16,800 --> 00:54:14,980
it's basically it's got very much the

1258
00:54:18,300 --> 00:54:16,810
same aims as friends of science in

1259
00:54:21,030 --> 00:54:18,310
medicine we consider them a sister

1260
00:54:23,820 --> 00:54:21,040
organization cool um the difference

1261
00:54:27,570 --> 00:54:23,830
being that they are you can actually

1262
00:54:31,380 --> 00:54:27,580
that you pay to join the society they've

1263
00:54:33,930 --> 00:54:31,390

got some fantastic resources online so

1264
00:54:37,620 --> 00:54:33,940
they've got some very broad aims and

1265
00:54:41,430 --> 00:54:37,630
they are if you look at for example the

1266
00:54:42,900 --> 00:54:41,440
use of the brave will institute there

1267
00:54:44,460 --> 00:54:42,910
they're basically the brave up

1268
00:54:47,700 --> 00:54:44,470
collaborative ethical is it's an

1269
00:54:51,270 --> 00:54:47,710
organization in America who are there to

1270
00:54:53,390 --> 00:54:51,280
promote wound so very very involved with

1271
00:54:56,520 --> 00:54:53,400
people like Andrew will the the

1272
00:54:59,370 --> 00:54:56,530
naturopath they get a lot of funding a

1273
00:55:01,020 --> 00:54:59,380
lot of money and so the the society of

1274
00:55:02,700 --> 00:55:01,030
science-based medicine are aiming to try

1275
00:55:04,740 --> 00:55:02,710
and put a similar organization on the

1276
00:55:06,240 --> 00:55:04,750
landscape to actually have a voice for

1277
00:55:07,500 --> 00:55:06,250
science-based medicine because as we

1278
00:55:10,020 --> 00:55:07,510
know despite the fact that there's a

1279
00:55:11,820 --> 00:55:10,030
huge amount of science in medicine

1280
00:55:17,750 --> 00:55:11,830
there's not a lot of voices loudly

1281
00:55:21,329 --> 00:55:17,760
promoting it patoka goodness noon or so

1282
00:55:23,160 --> 00:55:21,339
and enjoying white cockatoo is just

1283
00:55:24,930 --> 00:55:23,170
landed on the Brandon they come and

1284
00:55:27,839 --> 00:55:24,940
visit all the time really look at him

1285
00:55:32,670 --> 00:55:27,849
hey yeah I want to see you about to poo

1286
00:55:34,920 --> 00:55:32,680
on my bezel no such animal I assure you

1287
00:55:38,220 --> 00:55:34,930
okay we used to have a youngster honest

1288
00:55:40,500 --> 00:55:38,230

we just have a felt welcome mat whatever

1289
00:55:42,579 --> 00:55:40,510
outside and once actually caught them

1290
00:55:44,769 --> 00:55:42,589
idiot

1291
00:55:46,630 --> 00:55:44,779
they destroyed it yes sorry Joe we

1292
00:55:47,739 --> 00:55:46,640
disrupted your that's all right I I

1293
00:55:55,809 --> 00:55:47,749
think I'd lost my train of thought

1294
00:55:59,890 --> 00:55:55,819
anyway um so really yet so SS BM SF sbm

1295
00:56:01,420 --> 00:55:59,900
yes on SF s p.m. oh thank you well I'm

1296
00:56:03,190 --> 00:56:01,430
actually a fellow for the Institute for

1297
00:56:05,950 --> 00:56:03,200
science yeah medicine and I I'm actually

1298
00:56:07,900 --> 00:56:05,960
in a book that is published through them

1299
00:56:13,539 --> 00:56:07,910
so please buy it I didn't realize I was

1300
00:56:16,180 --> 00:56:13,549
till recently on vaccinations so they do

1301
00:56:17,890 --> 00:56:16,190
have a broad reach so if you if you go

1302
00:56:19,120 --> 00:56:17,900
to their page the Institute for Science

1303
00:56:21,309 --> 00:56:19,130
in medicine you'll see who are the

1304
00:56:23,109 --> 00:56:21,319
fellows I'm one Mick bag who is

1305
00:56:26,650 --> 00:56:23,119
Australian pain specialist is another

1306
00:56:29,739 --> 00:56:26,660
but it's up and pull off it so they have

1307
00:56:31,959 --> 00:56:29,749
a very high calibre list of people that

1308
00:56:34,390 --> 00:56:31,969
are involved in lobbying for them in

1309
00:56:37,059 --> 00:56:34,400
providing expertise so I think this is a

1310
00:56:40,809 --> 00:56:37,069
great initiative to actually officially

1311
00:56:42,819 --> 00:56:40,819
and I guess formally organized this

1312
00:56:45,999 --> 00:56:42,829
focus into something like fsm and they

1313
00:56:48,370 --> 00:56:46,009

do give a fsm credit for inspiring them

1314
00:56:51,279 --> 00:56:48,380
oh yeah absolutely i'll of course i'll

1315
00:56:52,779 --> 00:56:51,289
put a link in this week's challenge I

1316
00:56:55,359 --> 00:56:52,789
know the wonderful mark Chris slip is

1317
00:56:57,009 --> 00:56:55,369
hard at work keeping via the website

1318
00:56:59,529 --> 00:56:57,019
running and getting getting everything

1319
00:57:02,259 --> 00:56:59,539
moving so excellent that's good to know

1320
00:57:04,180 --> 00:57:02,269
now let me round off by saying something

1321
00:57:06,309 --> 00:57:04,190
which is close to your heart Stefan the

1322
00:57:08,859 --> 00:57:06,319
next Sydney skeptics in the pub will be

1323
00:57:11,289 --> 00:57:08,869
on the 6th of febuary at the crown hotel

1324
00:57:15,180 --> 00:57:11,299
starting at 6pm but you can order noms

1325
00:57:17,349 --> 00:57:15,190
from 5 30 onwards so hey hold and this

1326
00:57:20,529 --> 00:57:17,359
coming one on the six of everywhere

1327
00:57:22,479 --> 00:57:20,539
having somebody from rotary Oh contacts

1328
00:57:23,620 --> 00:57:22,489
are you managed to get someone meant i

1329
00:57:27,430 --> 00:57:23,630
don't have the name in front of me now

1330
00:57:29,739 --> 00:57:27,440
talking about the vaccinations Romeo's

1331
00:57:32,289 --> 00:57:29,749
yeah excellent and I need more more

1332
00:57:34,299 --> 00:57:32,299
publicity action cuz rotary is like

1333
00:57:36,069 --> 00:57:34,309
funding the ant de at the polio

1334
00:57:38,799 --> 00:57:36,079
vaccination campaign will apply to the

1335
00:57:42,339 --> 00:57:38,809
tune of about 350 million dollars and

1336
00:57:43,539 --> 00:57:42,349
they got Bill Gates to match that and so

1337
00:57:45,579 --> 00:57:43,549
they're really behind the whole thing

1338
00:57:47,559 --> 00:57:45,589

but every time you hear about polio

1339
00:57:49,539 --> 00:57:47,569
vaccination somehow the PR department

1340
00:57:51,400 --> 00:57:49,549
that you never hear about row GG about

1341
00:57:51,990 --> 00:57:51,410
the world health organization that

1342
00:57:54,120 --> 00:57:52,000
you're about

1343
00:57:56,100 --> 00:57:54,130
indian government you hear mothers but

1344
00:57:58,200 --> 00:57:56,110
you don't realize that rotary is

1345
00:58:00,300 --> 00:57:58,210
actually they started it yeah actually a

1346
00:58:03,450 --> 00:58:00,310
guy my club was one of the guys who

1347
00:58:05,970 --> 00:58:03,460
started way back it because his wife

1348
00:58:07,500 --> 00:58:05,980
actually died of polio and he put he

1349
00:58:09,720 --> 00:58:07,510
started kicked in a quarter of a million

1350
00:58:11,400 --> 00:58:09,730
dollars to start the thing and now in

1351
00:58:13,710 --> 00:58:11,410
row dress is matching granting where

1352
00:58:16,230 --> 00:58:13,720
they where every cycle rotary foundation

1353
00:58:17,910 --> 00:58:16,240
or every bit of money that you put in

1354
00:58:20,220 --> 00:58:17,920
they double it and then bill gates

1355
00:58:22,230 --> 00:58:20,230
doubles that kind of thing and that's

1356
00:58:25,680 --> 00:58:22,240
why it's happening so successfully i

1357
00:58:28,590 --> 00:58:25,690
think in pakistan india india it's gone

1358
00:58:30,450 --> 00:58:28,600
they're like freelance wedding credits

1359
00:58:32,730 --> 00:58:30,460
rotary have been doing it but go ahead

1360
00:58:35,010 --> 00:58:32,740
through the rotary network as well but

1361
00:58:37,470 --> 00:58:35,020
no one really knows mostly good last

1362
00:58:39,420 --> 00:58:37,480
year i was at a meeting of rotary of

1363
00:58:41,700 --> 00:58:39,430

course for i have an address yeah and i

1364
00:58:43,950 --> 00:58:41,710
ended off my talk talking about the

1365
00:58:46,080 --> 00:58:43,960
anti-vaxxers yeah and the crowd were

1366
00:58:47,970 --> 00:58:46,090
just like the gobsmacked yeah they

1367
00:58:49,590 --> 00:58:47,980
didn't know how bad the situation was

1368
00:58:51,480 --> 00:58:49,600
are these people fighting what rotary

1369
00:58:52,800 --> 00:58:51,490
are doing that's right as soon after

1370
00:58:54,660 --> 00:58:52,810
that is when you start to hear about

1371
00:58:58,320 --> 00:58:54,670
those people getting killed they look at

1372
00:59:00,000 --> 00:58:58,330
this time yeah unbelievable yeah another

1373
00:59:01,770 --> 00:59:00,010
one of our friends can McLeod who's

1374
00:59:04,020 --> 00:59:01,780
heavily involved in stopped the OB and

1375
00:59:07,080 --> 00:59:04,030
he is also a member of the Rotary Club

1376
00:59:09,090 --> 00:59:07,090
where he lives and he is also raising

1377
00:59:11,580 --> 00:59:09,100
money for polio he said well he's a

1378
00:59:14,040 --> 00:59:11,590
pulled Harris Fellow it is the highest

1379
00:59:21,690 --> 00:59:14,050
award in rotary the highest cuz I've got

1380
00:59:24,980 --> 00:59:21,700
one with a sapphire pin better but

1381
00:59:29,220 --> 00:59:24,990
that's I think it's already huh oh yeah

1382
00:59:31,230 --> 00:59:29,230
so I no one listens to the podcast so

1383
00:59:33,300 --> 00:59:31,240
there's the word Sydney people please

1384
00:59:34,920 --> 00:59:33,310
come to skeptics in the pub and order

1385
00:59:37,340 --> 00:59:34,930
lots of moms and drink lots of drinks

1386
00:59:40,170 --> 00:59:37,350
and yes yeah I was just going to say our

1387
00:59:42,240 --> 00:59:40,180
great news for people who are planning

1388
00:59:44,970 --> 00:59:42,250

on coming to Sydney in November will be

1389
00:59:47,940 --> 00:59:44,980
hosting the 30th skeptics convention and

1390
00:59:50,490 --> 00:59:47,950
in Sydney this year it's on the November

1391
00:59:53,730 --> 00:59:50,500
the 28th to the 30th and we have some

1392
00:59:57,450 --> 00:59:53,740
fabulous international guests the entire

1393
00:59:59,550 --> 00:59:57,460
SGU crew steve j & bob novella Evan

1394
01:00:02,320 --> 00:59:59,560
Bernstein and rebecca watson as well as

1395
01:00:04,660 --> 01:00:02,330
George hurrah

1396
01:00:06,550 --> 01:00:04,670
and we're putting together a fantastic

1397
01:00:10,420 --> 01:00:06,560
lineup of speakers for the convention

1398
01:00:12,580 --> 01:00:10,430
this year so keep an eye on and very

1399
01:00:15,310 --> 01:00:12,590
exciting and a lot of big lineup of

1400
01:00:17,890 --> 01:00:15,320
local stars too but we're working on at

1401
01:00:20,290 --> 01:00:17,900
the moment and you can keep up with

1402
01:00:23,080 --> 01:00:20,300
what's going on on twitter or facebook

1403
01:00:24,970 --> 01:00:23,090
page and also in skeptic magazine yeah

1404
01:00:27,400 --> 01:00:24,980
to just if you're not a subscriber

1405
01:00:29,620 --> 01:00:27,410
please look at doing so because it helps

1406
01:00:31,570 --> 01:00:29,630
us do our good work it does yeah it does

1407
01:00:33,310 --> 01:00:31,580
it's a great magazine but when you

1408
01:00:35,530 --> 01:00:33,320
subscribe to the skeptic magazine from

1409
01:00:37,800 --> 01:00:35,540
Australia you actually are in a very

1410
01:00:43,000 --> 01:00:37,810
real way helping us do what we do mmm

1411
01:00:45,340 --> 01:00:43,010
absolutely to be sure so if ww skeptics

1412
01:00:47,590 --> 01:00:45,350
condone a USB address there's many two

1413
01:00:50,350 --> 01:00:47,600

dollars for a PDF your online

1414
01:00:51,760 --> 01:00:50,360
subscription your hard copy for forty

1415
01:00:56,410 --> 01:00:51,770
four dollars that's that's like two

1416
01:00:57,730 --> 01:00:56,420
pizzas yeah it is we just ate looking

1417
01:00:59,200 --> 01:00:57,740
forward to seeing everybody it's kept in

1418
01:01:01,300 --> 01:00:59,210
publicly forward to seeing everybody at

1419
01:01:04,150 --> 01:01:01,310
the convention later this year in

1420
01:01:06,430 --> 01:01:04,160
November we've all been enjoying over

1421
01:01:07,690 --> 01:01:06,440
the last weeks and weeks Maynard's

1422
01:01:10,690 --> 01:01:07,700
wonderful interviews from the last

1423
01:01:13,930 --> 01:01:10,700
convention just there just keep coming a

1424
01:01:15,250 --> 01:01:13,940
lot of them you did well thanks

1425
01:01:17,230 --> 01:01:15,260
everybody for coming along to Joe's

1426
01:01:19,360 --> 01:01:17,240
house and Marcus nothing gained thank

1427
01:01:21,040 --> 01:01:19,370
you you too the hangers thank you Stefan

1428
01:01:25,180 --> 01:01:21,050
for making it along here it's great me

1429
01:01:27,460 --> 01:01:25,190
dr. Steve Roberts yeah and dr. rachy

1430
01:01:32,680 --> 01:01:27,470
thank you again and the cockatoos

1431
01:01:39,310 --> 01:01:32,690
nibbling your ear tacky we say cheers

1432
01:01:41,620 --> 01:01:39,320
from the big tank it was a real that was

1433
01:01:53,520 --> 01:01:41,630
it I think this Tamara lease is flying

1434
01:02:00,220 --> 01:01:56,079
hi this is brian dunning from the

1435
01:02:03,250 --> 01:02:00,230
sceptile cast ats kept ID com for 15

1436
01:02:06,010 --> 01:02:03,260
years now dr. Bob's trivia quiz has been

1437
01:02:08,470 --> 01:02:06,020
a part of Australian skeptics each month

1438
01:02:11,349 --> 01:02:08,480

the mysterious dr. Bob comes up with

1439
01:02:14,500 --> 01:02:11,359
questions that defy all logic and reason

1440
01:02:16,750 --> 01:02:14,510
only the best of the best dare attempt

1441
01:02:19,960 --> 01:02:16,760
to answer these brain twisters and no

1442
01:02:25,530 --> 01:02:19,970
google won't help you visit dr. Bob's

1443
01:02:28,930 --> 01:02:25,540
quiz wordpress.com that's dr be OBS quiz

1444
01:02:31,870 --> 01:02:28,940
wordpress.com to take part and to see

1445
01:02:34,930 --> 01:02:31,880
the complete archive of dr. bob's trivia

1446
01:02:48,110 --> 01:02:34,940
quiz i'm brian dunning from skep tide

1447
01:02:52,050 --> 01:02:50,520
thank you for listening to the skeptic

1448
01:02:54,060 --> 01:02:52,060
sonam thank you again to all those

1449
01:02:56,610 --> 01:02:54,070
people those wonderful people who

1450
01:02:59,280 --> 01:02:56,620
subscribe less than a dollar a week and

1451
01:03:03,480 --> 01:02:59,290
you can do that by going to ww skeptics

1452
01:03:07,200 --> 01:03:03,490
on TV it all really does help me produce

1453
01:03:08,820 --> 01:03:07,210
the skeptic zone I can buy equipment I

1454
01:03:10,800 --> 01:03:08,830
can cover the cost of housing the zone

1455
01:03:13,200 --> 01:03:10,810
covers my time and putting it all

1456
01:03:15,120 --> 01:03:13,210
together we can occasionally do things

1457
01:03:17,010 --> 01:03:15,130
like get our reporters out and about

1458
01:03:20,540 --> 01:03:17,020
like good old main art and more reports

1459
01:03:23,340 --> 01:03:20,550
from may not next week all very much

1460
01:03:25,200 --> 01:03:23,350
gratefully appreciated and in the next

1461
01:03:27,510 --> 01:03:25,210
little while I hope to travel down to

1462
01:03:29,070 --> 01:03:27,520
Canberra in fact to do a bit more

1463
01:03:30,900 --> 01:03:29,080

filming on the documentary the

1464
01:03:34,650 --> 01:03:30,910
vaccination chronicles which is taking a

1465
01:03:36,000 --> 01:03:34,660
very long time I admit taking a lot

1466
01:03:37,680 --> 01:03:36,010
longer than I thought but I think other

1467
01:03:40,310 --> 01:03:37,690
filmmakers have this problem to the

1468
01:03:44,720 --> 01:03:40,320
vaccination chronicles will be a look at

1469
01:03:47,100 --> 01:03:44,730
people people's stories people's

1470
01:03:49,410 --> 01:03:47,110
remembering what it was like in the time

1471
01:03:51,480 --> 01:03:49,420
before widespread vaccination and some

1472
01:03:53,130 --> 01:03:51,490
more information I'm having a lot of fun

1473
01:03:57,240 --> 01:03:53,140
putting it together but it is taking an

1474
01:04:00,180 --> 01:03:57,250
awful lot of time still all good things

1475
01:04:02,160 --> 01:04:00,190
come to those who wait I hope coming up

1476
01:04:05,040 --> 01:04:02,170
soon on the skeptic zone we're going to

1477
01:04:07,530 --> 01:04:05,050
be speaking to Australian skeptics UFOs

1478
01:04:11,340 --> 01:04:07,540
specialist dr. Steve Roberts about how

1479
01:04:13,500 --> 01:04:11,350
to how to examine and study and look at

1480
01:04:16,890 --> 01:04:13,510
UFO reports and photographs that should

1481
01:04:19,680 --> 01:04:16,900
be pretty interesting and if you if you

1482
01:04:21,210 --> 01:04:19,690
have a skeptical group a local skeptical

1483
01:04:23,670 --> 01:04:21,220
group or you're planning something or

1484
01:04:27,150 --> 01:04:23,680
you have a skeptics in the pub let me

1485
01:04:29,430 --> 01:04:27,160
know let me know I'd be happy to tell

1486
01:04:31,590 --> 01:04:29,440
the whole world about it drop me a line

1487
01:04:35,000 --> 01:04:31,600
you can see my email link at skeptics

1488
01:04:37,530 --> 01:04:35,010

and TV and I'd be very happy to do that

1489
01:04:39,810 --> 01:04:37,540
but until next week this is Richard

1490
01:04:42,120 --> 01:04:39,820
Saunders and Fred the cat who's now

1491
01:04:44,340 --> 01:04:42,130
lying in the Sun because he's had his

1492
01:04:48,630 --> 01:04:44,350
breakfast signing off from Sydney

1493
01:04:56,020 --> 01:04:51,010
you've been listening to the skeptic

1494
01:04:59,800 --> 01:04:56,030
zone visit our website at www skeptics