

1
00:00:00,000 --> 00:00:09,109
[Music]

2
00:00:05,990 --> 00:00:11,850
welcome to the skeptic zone the podcast

3
00:00:09,109 --> 00:00:13,919
from Australia for science and reason

4
00:00:11,849 --> 00:00:16,890
[Music]

5
00:00:13,919 --> 00:00:22,570
[Applause]

6
00:00:16,890 --> 00:00:25,278
[Music]

7
00:00:22,570 --> 00:00:33,230
hello and welcome to the skeptic Zone

8
00:00:25,278 --> 00:00:35,659
episode number 449 wohoo 449 almost 450

9
00:00:33,229 --> 00:00:38,659
I suppose that means something for the

10
00:00:35,659 --> 00:00:42,140
28th of May 2017 Richard Saunders here

11
00:00:38,659 --> 00:00:46,009
with you from our delightful Sydney

12
00:00:42,140 --> 00:00:48,620
Australia but a cloud in the sky not hot

13
00:00:46,009 --> 00:00:49,789
not cold very nice weather on this

14
00:00:48,619 --> 00:00:51,919
week's show we're going to look at the

15
00:00:49,789 --> 00:00:55,369
story just in the last week now the

16
00:00:51,920 --> 00:00:57,379
movie Baxter which we've discussed on

17
00:00:55,369 --> 00:01:02,359
the show before is currently touring New

18
00:00:57,378 --> 00:01:04,069
Zealand now why it is I don't know why

19
00:01:02,359 --> 00:01:06,319
the producers don't make it free online

20
00:01:04,069 --> 00:01:08,508
so people can just watch it if they want

21
00:01:06,319 --> 00:01:10,219
to I don't know it is online anyone who

22
00:01:08,509 --> 00:01:13,478
can watch it if you'd search for VAX if

23
00:01:10,219 --> 00:01:17,659
you care to but know they peddle this

24
00:01:13,478 --> 00:01:19,519
this torrid piece of pretend documentary

25
00:01:17,659 --> 00:01:22,609
around the regions in different

26
00:01:19,519 --> 00:01:24,439
countries to drum up support look where

27
00:01:22,609 --> 00:01:25,909
daring to show you this come and see the

28
00:01:24,439 --> 00:01:28,310
movie they don't want you to see yada

29

00:01:25,909 --> 00:01:30,170
yada yada anyway so it's touring New

30
00:01:28,310 --> 00:01:32,149
Zealand and we're going to bring you via

31
00:01:30,170 --> 00:01:33,829
the raw skeptic report with Heidi

32
00:01:32,149 --> 00:01:37,549
Robertson the story of dr. Lance

33
00:01:33,829 --> 00:01:43,459
O'Sullivan who lipped up onstage before

34
00:01:37,549 --> 00:01:45,530
a screening of VAX t' to protest and lay

35
00:01:43,459 --> 00:01:47,899
it on the line for those people in the

36
00:01:45,530 --> 00:01:50,149
audience of his views and opinions of

37
00:01:47,899 --> 00:01:52,700
this wretched documentary and the harm

38
00:01:50,149 --> 00:01:56,509
it is doing we have some of the audio of

39
00:01:52,700 --> 00:01:59,090
that that protest and this is from a

40
00:01:56,509 --> 00:02:00,950
former New Zealand er of the year a

41
00:01:59,090 --> 00:02:03,079
protest in the name of science and

42
00:02:00,950 --> 00:02:05,149
reason to kick off this week's skeptic

43
00:02:03,079 --> 00:02:06,769

zone following that an update to the

44

00:02:05,149 --> 00:02:10,038
story we brought you last week of the

45

00:02:06,769 --> 00:02:12,939
little boy who was rescued by the

46

00:02:10,038 --> 00:02:16,789
authorities from his parents who I

47

00:02:12,939 --> 00:02:20,359
didn't seem able or willing to provide

48

00:02:16,789 --> 00:02:23,359
him with the proper care he was in need

49

00:02:20,360 --> 00:02:27,080
of and there are storms of protest and

50

00:02:23,360 --> 00:02:27,620
all sorts of conspiracy theories and

51

00:02:27,080 --> 00:02:30,110
cries

52

00:02:27,620 --> 00:02:31,519
going on just bring you up to date and

53

00:02:30,110 --> 00:02:33,470
what's happening with that story and to

54

00:02:31,519 --> 00:02:35,840
stress we do not name the people

55

00:02:33,469 --> 00:02:37,969
involved for legal reasons

56

00:02:35,840 --> 00:02:39,530
I know laws differ from country to

57

00:02:37,969 --> 00:02:42,199
country but in Australia if the court

58
00:02:39,530 --> 00:02:43,908
says that you cannot name people

59
00:02:42,199 --> 00:02:46,250
involved in a case for various legal

60
00:02:43,908 --> 00:02:48,620
reasons well that's sort of what you do

61
00:02:46,250 --> 00:02:51,408
then it's brouhaha from Australia

62
00:02:48,620 --> 00:02:54,530
science got TV this week with Casey

63
00:02:51,408 --> 00:02:56,449
Harrigan and an interview with Casey

64
00:02:54,530 --> 00:03:00,530
Harrigan we catch up with one of the

65
00:02:56,449 --> 00:03:02,598
brouhaha team Casey Harrigan who often

66
00:03:00,530 --> 00:03:05,090
appears on the skeptic zone we're gonna

67
00:03:02,598 --> 00:03:06,768
find out what she does at at the

68
00:03:05,090 --> 00:03:09,049
Australia Science Channel how they make

69
00:03:06,769 --> 00:03:10,700
brouhaha how they choose their stories a

70
00:03:09,049 --> 00:03:13,609
great little interview coming up later

71
00:03:10,699 --> 00:03:17,689
on with Casey Harrigan also this week a

72
00:03:13,609 --> 00:03:20,989
little report on the mind body wallet oh

73
00:03:17,689 --> 00:03:23,959
yes I swore I'd never go back well I

74
00:03:20,989 --> 00:03:27,950
didn't but I've gone so many times now

75
00:03:23,959 --> 00:03:30,739
hmm so together with some of these

76
00:03:27,949 --> 00:03:33,409
stranger things down under Facebook

77
00:03:30,739 --> 00:03:36,500
group here in Sydney we venture venture

78
00:03:33,409 --> 00:03:39,199
down into mind body wallet and this year

79
00:03:36,500 --> 00:03:41,090
it's in a new venue in darling harbour

80
00:03:39,199 --> 00:03:44,238
in Sydney in a new exhibition centre and

81
00:03:41,090 --> 00:03:48,128
you go down down the escalators the long

82
00:03:44,239 --> 00:03:52,400
escalators you descend into the bizarre

83
00:03:48,128 --> 00:03:54,979
realms of mind body wallet little report

84
00:03:52,400 --> 00:03:56,299
about that coming up a bit later on then

85
00:03:54,979 --> 00:03:59,719
to round off the show a little update

86

00:03:56,299 --> 00:04:04,719
from the Australian skeptics about some

87
00:03:59,719 --> 00:04:08,419
worrying chiropractic advice or a

88
00:04:04,719 --> 00:04:10,639
technique which looks like it's being

89
00:04:08,419 --> 00:04:13,370
recommended by the chiropractic

90
00:04:10,639 --> 00:04:16,668
authorities it's all about trying to

91
00:04:13,370 --> 00:04:20,629
change positions of babies in the womb

92
00:04:16,668 --> 00:04:22,430
and some you'll hear about later on to

93
00:04:20,629 --> 00:04:25,879
round off this week's show it's called

94
00:04:22,430 --> 00:04:27,410
the Webster technique now over the last

95
00:04:25,879 --> 00:04:30,259
couple of days I've been doing a lot of

96
00:04:27,410 --> 00:04:33,169
walking I've been doing some work down

97
00:04:30,259 --> 00:04:35,089
in darling harbour here in City which

98
00:04:33,168 --> 00:04:38,060
requires me to do a lot of walking I

99
00:04:35,089 --> 00:04:39,589
won't get into that and I was in need of

100
00:04:38,060 --> 00:04:41,149

something to listen to because there are

101

00:04:39,589 --> 00:04:43,729
endless skeptical

102

00:04:41,149 --> 00:04:46,069
us I can recommend the skeptics guide to

103

00:04:43,730 --> 00:04:49,580
the universe skeptoid I never miss an

104

00:04:46,069 --> 00:04:52,459
episode of our there's the our friends

105

00:04:49,579 --> 00:04:54,500
at skepticism there's the European

106

00:04:52,459 --> 00:04:56,060
outlook it goes on and on and on hello

107

00:04:54,500 --> 00:04:59,360
Michael Marshall hello everybody who

108

00:04:56,060 --> 00:05:02,860
does skeptical podcast geo there's so

109

00:04:59,360 --> 00:05:06,050
many but what I did recently was I

110

00:05:02,860 --> 00:05:07,610
downloaded all the videos made by dr.

111

00:05:06,050 --> 00:05:09,379
Harriet hall which we advertise

112

00:05:07,610 --> 00:05:13,970
frequently on the skeptic zone you'll

113

00:05:09,379 --> 00:05:17,000
remember this dr. Harriet Hall MD no

114

00:05:13,970 --> 00:05:19,040
into thousands as the skeptic a retired

115
00:05:17,000 --> 00:05:22,189
family physician and former Air Force

116
00:05:19,040 --> 00:05:24,140
flight surgeon she writes about medicine

117
00:05:22,189 --> 00:05:27,740
so-called complementary and alternative

118
00:05:24,139 --> 00:05:31,099
medicine science quackery and critical

119
00:05:27,740 --> 00:05:33,290
thinking Harriet now has a free course a

120
00:05:31,100 --> 00:05:35,840
series of ten video lectures on

121
00:05:33,290 --> 00:05:38,510
science-based medicine and alternative

122
00:05:35,839 --> 00:05:40,939
medicine the videos and an accompanying

123
00:05:38,509 --> 00:05:44,500
course guide can be found by following

124
00:05:40,939 --> 00:05:49,519
the link at skip doc info or by visiting

125
00:05:44,500 --> 00:05:54,019
web Randi's org slash educational -

126
00:05:49,519 --> 00:05:56,810
modules dot html' ty coded all those

127
00:05:54,019 --> 00:05:59,659
videos - mp3s loaded them into my iPhone

128
00:05:56,810 --> 00:06:01,850
and a way I went now occasionally

129
00:05:59,660 --> 00:06:03,770
Harriet will refer to charts and graphs

130
00:06:01,850 --> 00:06:06,320
and pictures and things like that during

131
00:06:03,769 --> 00:06:09,889
the videos but not often and in fact you

132
00:06:06,319 --> 00:06:11,990
can glean just about everything from

133
00:06:09,889 --> 00:06:13,550
simply listening the Harriet Hall give

134
00:06:11,990 --> 00:06:17,090
these lectures and they're really good

135
00:06:13,550 --> 00:06:18,980
and I think my aim is now to watch them

136
00:06:17,089 --> 00:06:23,089
or listen to them at least once a year

137
00:06:18,980 --> 00:06:25,160
to refresh myself lots of good advice

138
00:06:23,089 --> 00:06:27,259
lots of grounding in good signs there

139
00:06:25,160 --> 00:06:29,030
from Harriet Hall and I understood a lot

140
00:06:27,259 --> 00:06:34,279
more after watching and listening to

141
00:06:29,029 --> 00:06:37,159
these these this series of videos and

142
00:06:34,279 --> 00:06:39,229
now for me anyway audio so I can

143

00:06:37,160 --> 00:06:40,790
thoroughly recommend those especially

144
00:06:39,230 --> 00:06:42,530
after going to mind body wallet

145
00:06:40,790 --> 00:06:45,140
well it's enough of me at the moment I'm

146
00:06:42,529 --> 00:06:49,639
going to run downstairs I'm going to get

147
00:06:45,139 --> 00:06:52,389
a packet of chicken soup and mix it I

148
00:06:49,639 --> 00:06:55,069
know I know this is pretty daring stuff

149
00:06:52,389 --> 00:06:57,110
you better take the children out of the

150
00:06:55,069 --> 00:07:01,430
right now I'm going to mix it with a

151
00:06:57,110 --> 00:07:04,210
packet of pumpkin soup mm-hmm I know I'm

152
00:07:01,430 --> 00:07:07,189
going to add a few chili flakes on top

153
00:07:04,209 --> 00:07:12,069
kind of toast some sourdough bread a

154
00:07:07,189 --> 00:07:17,000
little bit of butter on that and happily

155
00:07:12,069 --> 00:07:39,110
feast on that while you feast on the

156
00:07:17,000 --> 00:07:43,000
sceptic zone it's the raw skeptic report

157
00:07:39,110 --> 00:07:43,000

with Heidi Robertson

158

00:07:47,480 --> 00:07:51,030

hello everyone

159

00:07:49,079 --> 00:07:54,449

Heidi Robertson here from the Northern

160

00:07:51,029 --> 00:07:57,059

Rivers vaccination supporters I do

161

00:07:54,449 --> 00:08:00,209

believe that at the end of my last

162

00:07:57,060 --> 00:08:02,339

report I said I would hopefully be doing

163

00:08:00,209 --> 00:08:06,299

another report soon perhaps even non

164

00:08:02,339 --> 00:08:08,250

vaccine related well there were a few

165

00:08:06,300 --> 00:08:10,770

things going on this past week that were

166

00:08:08,250 --> 00:08:15,389

vaccine related that should be reported

167

00:08:10,769 --> 00:08:17,810

on so there goes that business have no

168

00:08:15,389 --> 00:08:22,469

doubt heard of the air quotes

169

00:08:17,810 --> 00:08:27,990

documentary waxed if you haven't here is

170

00:08:22,470 --> 00:08:32,910

a quick recap and I quote from a TVNZ

171

00:08:27,990 --> 00:08:36,389

dot co dot NZ article that has reported

172
00:08:32,909 --> 00:08:40,740
on the story this week quote the film

173
00:08:36,389 --> 00:08:43,559
faxed is a 2016 American film from

174
00:08:40,740 --> 00:08:47,070
anti-vaccination activists Dell victory

175
00:08:43,559 --> 00:08:49,319
and Andrew Wakefield it was widely

176
00:08:47,070 --> 00:08:52,320
criticized by the scientific community

177
00:08:49,320 --> 00:08:55,940
upon its release with various reviews

178
00:08:52,320 --> 00:08:58,830
saying it cherry-picked facts relied on

179
00:08:55,940 --> 00:09:01,250
unsubstantiated claims and used

180
00:08:58,830 --> 00:09:04,050
emotional pleas and context-free

181
00:09:01,250 --> 00:09:07,950
statistics to get its message across

182
00:09:04,049 --> 00:09:10,219
end quote mr. Andrew Wakefield as you

183
00:09:07,950 --> 00:09:13,110
recall is the former UK

184
00:09:10,220 --> 00:09:15,660
gastroenterologist that first proposed a

185
00:09:13,110 --> 00:09:17,669
link between vaccines and autism with

186
00:09:15,659 --> 00:09:19,799
the release of a fraudulent study of 12

187
00:09:17,669 --> 00:09:23,250
children that was later attracted by the

188
00:09:19,799 --> 00:09:25,679
journal the lancet Wakefield was

189
00:09:23,250 --> 00:09:27,210
stripped of his medical license when it

190
00:09:25,679 --> 00:09:30,750
was revealed that he had manipulated

191
00:09:27,210 --> 00:09:33,830
data and performed unnecessary and

192
00:09:30,750 --> 00:09:36,720
unethical procedures on children

193
00:09:33,830 --> 00:09:38,639
including paying their money in order to

194
00:09:36,720 --> 00:09:40,019
draw blood from them at his son's

195
00:09:38,639 --> 00:09:43,199
birthday party

196
00:09:40,019 --> 00:09:45,929
as an aside Wakefield said he thought it

197
00:09:43,200 --> 00:09:48,509
was okay ethically to do that as it

198
00:09:45,929 --> 00:09:53,549
wasn't a payment of five pounds each to

199
00:09:48,509 --> 00:09:56,730
the kids it was a quote reward Wakefield

200

00:09:53,549 --> 00:09:58,620
also stood to gain financially if he

201
00:09:56,730 --> 00:10:00,509
produced data that showed there were

202
00:09:58,620 --> 00:10:03,090
the link between the MMR vaccine and

203
00:10:00,509 --> 00:10:05,549
autism he had already applied for a

204
00:10:03,090 --> 00:10:08,820
patent for a single measles vaccine in

205
00:10:05,549 --> 00:10:11,729
preparation for the ensuing storm that

206
00:10:08,820 --> 00:10:13,650
was about to erupt and he had other

207
00:10:11,730 --> 00:10:16,379
competing financial conflicts of

208
00:10:13,649 --> 00:10:20,549
interest that were not disclosed at the

209
00:10:16,379 --> 00:10:22,950
time and in case there is ask Eric of

210
00:10:20,549 --> 00:10:25,979
doubt in the minds of anyone it is a

211
00:10:22,950 --> 00:10:29,009
fact that multiple studies in multiple

212
00:10:25,980 --> 00:10:31,800
countries covering multiple decades with

213
00:10:29,009 --> 00:10:34,409
multiple research groups using multiple

214
00:10:31,799 --> 00:10:37,309

research models and multiple funding

215

00:10:34,409 --> 00:10:39,329

sources have found no link between

216

00:10:37,309 --> 00:10:42,929

vaccines and autism

217

00:10:39,330 --> 00:10:46,650

so with Wakefield's history and

218

00:10:42,929 --> 00:10:49,469

reputation being shall we say less than

219

00:10:46,649 --> 00:10:52,649

stellar it is hard to believe how anyone

220

00:10:49,470 --> 00:10:56,639

could take this air quotes documentary

221

00:10:52,649 --> 00:10:58,740

seriously okay there is the background

222

00:10:56,639 --> 00:11:01,679

which I'm sure most of you are already

223

00:10:58,740 --> 00:11:03,509

well aware of however seeing as the

224

00:11:01,679 --> 00:11:06,659

skeptic zone has new listeners all the

225

00:11:03,509 --> 00:11:09,870

time I thought it might be important to

226

00:11:06,659 --> 00:11:12,539

repeat some of the facts so vexed is

227

00:11:09,870 --> 00:11:15,779

currently screening in New Zealand and

228

00:11:12,539 --> 00:11:19,349

in New Zealand we have a dr. Lance

229
00:11:15,779 --> 00:11:22,199
O'Sullivan 2014 New Zealand er of the

230
00:11:19,350 --> 00:11:24,930
year who has emerged as a public health

231
00:11:22,200 --> 00:11:30,900
champion after what he did during the

232
00:11:24,929 --> 00:11:37,709
last week on the 24th of May 2017 and I

233
00:11:30,899 --> 00:11:40,529
quote again from TV in 0 NZ dr. Lance

234
00:11:37,710 --> 00:11:43,700
O'Sullivan interrupted a controversial

235
00:11:40,529 --> 00:11:47,009
screening for anti vaccination

236
00:11:43,700 --> 00:11:49,259
documentary waxed in Kaitaia last night

237
00:11:47,009 --> 00:11:51,600
with a passionate speech telling the

238
00:11:49,259 --> 00:11:54,809
organisers they are contributing to

239
00:11:51,600 --> 00:11:58,560
deaths before performing a defiant

240
00:11:54,809 --> 00:12:00,419
Harker end quote now the Harker for

241
00:11:58,559 --> 00:12:03,539
overseas listeners who may not have

242
00:12:00,419 --> 00:12:07,639
heard about it is a traditional war cry

243
00:12:03,539 --> 00:12:07,639
of the Maori people of New Zealand

244
00:12:22,539 --> 00:12:27,159
if you're a fan of rugby you may have

245
00:12:25,330 --> 00:12:29,170
heard the New Zealand team the All

246
00:12:27,159 --> 00:12:31,509
Blacks performing the haka at the

247
00:12:29,169 --> 00:12:35,199
beginning of their matches and if you

248
00:12:31,509 --> 00:12:39,700
haven't I highly recommend you google it

249
00:12:35,200 --> 00:12:42,670
watch it the haka has evolved since to

250
00:12:39,700 --> 00:12:45,970
now have several different meanings one

251
00:12:42,669 --> 00:12:48,429
of these meanings is a triumph of life

252
00:12:45,970 --> 00:12:51,300
over death which is quite appropriate

253
00:12:48,429 --> 00:12:53,500
given the content of dr. O'Sullivan

254
00:12:51,299 --> 00:12:55,839
statements to the people that attended

255
00:12:53,500 --> 00:13:00,580
this particular screening of the air

256
00:12:55,840 --> 00:13:04,210
quotes documentary Bakst continuing with

257

00:13:00,580 --> 00:13:07,060
the article quote dr. O'Sullivan was

258
00:13:04,210 --> 00:13:09,220
invited to watch along with a number of

259
00:13:07,059 --> 00:13:11,769
other health professionals but took the

260
00:13:09,220 --> 00:13:14,860
chance to step onto the stage and share

261
00:13:11,769 --> 00:13:17,590
his views on the topic he said there is

262
00:13:14,860 --> 00:13:19,629
absolutely no evidence vaccines cause

263
00:13:17,590 --> 00:13:22,300
autism and he is concerned for his

264
00:13:19,629 --> 00:13:24,759
community because immunisation is safe

265
00:13:22,299 --> 00:13:30,569
and extremely important for children I

266
00:13:24,759 --> 00:13:38,220
uh I've come here also watch the film

267
00:13:30,570 --> 00:13:45,060
not to watch the film but to continue my

268
00:13:38,220 --> 00:13:49,870
battle and my challenge for my people

269
00:13:45,059 --> 00:13:51,079
and importantly for our children Tommy

270
00:13:49,870 --> 00:13:55,490
Bookman

271
00:13:51,080 --> 00:13:58,820

and I said in my quarter - I said I come

272

00:13:55,490 --> 00:14:05,110
here with a lot of anger in a lot of

273

00:13:58,820 --> 00:14:11,079
vibe yeah typically and that's because I

274

00:14:05,110 --> 00:14:11,079
am adamantly opposed to this because

275

00:14:11,740 --> 00:14:19,759
this position this idea of

276

00:14:15,700 --> 00:14:22,040
internalization has killed tilt around

277

00:14:19,759 --> 00:14:25,069
the world and actually will continue to

278

00:14:22,039 --> 00:14:26,689
kill children who are these parents and

279

00:14:25,070 --> 00:14:30,670
put off immunisation because of

280

00:14:26,690 --> 00:14:35,000
misinformation misinformation based on

281

00:14:30,669 --> 00:14:39,799
life is quite frankly by fraudulent

282

00:14:35,000 --> 00:14:42,379
people for the article continues dr.

283

00:14:39,799 --> 00:14:45,699
O'Sullivan has since been criticised for

284

00:14:42,379 --> 00:14:49,458
his actions on social media with the

285

00:14:45,700 --> 00:14:55,040
warning against vaccination expectation

286
00:14:49,458 --> 00:14:57,769
group aka waves who posted quote Tricia

287
00:14:55,039 --> 00:15:00,889
chill the event organiser was verbally

288
00:14:57,769 --> 00:15:02,870
attacked bullied and threatened by Lance

289
00:15:00,889 --> 00:15:05,509
O'Sullivan at the VAX

290
00:15:02,870 --> 00:15:07,578
screening last night dr. Lance

291
00:15:05,509 --> 00:15:11,019
O'Sullivan came into the cinema under

292
00:15:07,578 --> 00:15:13,278
false pretenses of watching the movie

293
00:15:11,019 --> 00:15:15,409
Lawrence backers who works with

294
00:15:13,278 --> 00:15:18,379
intellectually handicapped in high needs

295
00:15:15,409 --> 00:15:21,528
people at Hawke's Bay wrote that dr.

296
00:15:18,379 --> 00:15:25,039
Sullivan is a farmer whore and a

297
00:15:21,528 --> 00:15:29,240
disgrace to his profession before adding

298
00:15:25,039 --> 00:15:30,730
New Zealand er of the year my ass end

299
00:15:29,240 --> 00:15:34,940
quote

300
00:15:30,730 --> 00:15:37,129
dr. Helen pertussis Harris works at the

301
00:15:34,940 --> 00:15:39,320
immunisation advisory Center in New

302
00:15:37,129 --> 00:15:42,429
Zealand is a senior lecturer at the

303
00:15:39,320 --> 00:15:45,290
University of Auckland and has a PhD in

304
00:15:42,429 --> 00:15:49,969
vaccinology she was quoted in an article

305
00:15:45,289 --> 00:15:53,870
on news hub code NZ on the 25th of May

306
00:15:49,970 --> 00:15:56,389
quote the community needs screenings of

307
00:15:53,870 --> 00:15:59,948
the manipulative Pro disease film VAX

308
00:15:56,389 --> 00:16:04,850
like a kick in the guts end quote and

309
00:15:59,948 --> 00:16:06,349
quote while VAX is a film that will

310
00:16:04,850 --> 00:16:08,569
well two people who believe that the

311
00:16:06,350 --> 00:16:10,970
moon landing was filmed in a Hollywood

312
00:16:08,568 --> 00:16:14,328
basement and reject the warming of the

313
00:16:10,970 --> 00:16:16,699
planet as a fact it will also scare good

314

00:16:14,328 --> 00:16:19,068
decent parents who want to do the best

315
00:16:16,698 --> 00:16:22,068
for their kids this is what makes the

316
00:16:19,068 --> 00:16:24,979
whole thing stink so badly their

317
00:16:22,068 --> 00:16:27,500
promoters are so despicable that they

318
00:16:24,980 --> 00:16:29,930
even targeted Somali refugees in a

319
00:16:27,500 --> 00:16:33,679
community in u.s. Minnesota with

320
00:16:29,929 --> 00:16:35,388
devastating consequences now there is a

321
00:16:33,679 --> 00:16:38,269
measles outbreak and kids are in

322
00:16:35,389 --> 00:16:41,000
hospital this is not really what we want

323
00:16:38,269 --> 00:16:42,500
in our New Zealand communities I do not

324
00:16:41,000 --> 00:16:46,100
believe that showing the film represents

325
00:16:42,500 --> 00:16:47,778
free speech because all over the country

326
00:16:46,100 --> 00:16:49,639
the organizers have done everything in

327
00:16:47,778 --> 00:16:53,778
their power to prevent any challenges

328
00:16:49,639 --> 00:16:56,509

with covert screenings at Auckland the

329

00:16:53,778 --> 00:16:58,039

organizers began by issuing a warning to

330

00:16:56,509 --> 00:17:00,440

the audience that if they wanted to make

331

00:16:58,039 --> 00:17:04,369

trouble they had people posted

332

00:17:00,440 --> 00:17:07,759

throughout the theater and quote she

333

00:17:04,369 --> 00:17:09,739

goes on to say the film in question has

334

00:17:07,759 --> 00:17:13,578

as much scientific fact in it as a

335

00:17:09,740 --> 00:17:16,099

b-grade zombie film yet it is so

336

00:17:13,578 --> 00:17:18,889

manipulative it manages to persuade

337

00:17:16,099 --> 00:17:22,818

people that it's insidious messages are

338

00:17:18,890 --> 00:17:26,659

somehow true and quote and further on in

339

00:17:22,818 --> 00:17:29,509

the article she adds Lance said babies

340

00:17:26,659 --> 00:17:31,610

will die he is not extremists it is true

341

00:17:29,509 --> 00:17:33,650

the impact of the anti-vaccination

342

00:17:31,609 --> 00:17:37,459

movement has been documented for over

343
00:17:33,650 --> 00:17:39,679
200 years the consequences of the recent

344
00:17:37,460 --> 00:17:42,048
activity against MMR vaccine have

345
00:17:39,679 --> 00:17:45,590
included deaths from measles it is

346
00:17:42,048 --> 00:17:47,000
purely a numbers game about 1 per 1000

347
00:17:45,589 --> 00:17:50,869
cases will die

348
00:17:47,000 --> 00:17:53,990
the last outbreak in Auckland 23% of

349
00:17:50,869 --> 00:17:56,629
cases went to hospital which case number

350
00:17:53,990 --> 00:17:59,929
will be the one who dies the outbreak

351
00:17:56,630 --> 00:18:01,940
cost untold millions to manage the world

352
00:17:59,929 --> 00:18:04,460
is trying to eliminate measles a major

353
00:18:01,940 --> 00:18:06,890
killer the people who promote VAX

354
00:18:04,460 --> 00:18:09,940
are trying to fort the efforts does this

355
00:18:06,890 --> 00:18:12,970
make them Pro measles well yeah and

356
00:18:09,940 --> 00:18:16,159
again later in the article she says

357
00:18:12,970 --> 00:18:18,829
quote it must also be highlighted for

358
00:18:16,159 --> 00:18:19,960
the millionth time the Andrew wait

359
00:18:18,829 --> 00:18:23,509
filled the director of this film

360
00:18:19,960 --> 00:18:25,220
falsified data lied performed invasive

361
00:18:23,509 --> 00:18:27,829
painful procedures on children without

362
00:18:25,220 --> 00:18:30,519
ethical approval and did not declare

363
00:18:27,829 --> 00:18:32,629
massive financial conflicts of interest

364
00:18:30,519 --> 00:18:35,808
he has lost his license to practice

365
00:18:32,630 --> 00:18:38,890
medicine and remains unsupported by any

366
00:18:35,808 --> 00:18:44,000
respected expert in either vaccines or

367
00:18:38,890 --> 00:18:45,919
autism and quote this is not the first

368
00:18:44,000 --> 00:18:47,659
time that dr. O'Sullivan has stood up

369
00:18:45,919 --> 00:18:50,330
publicly and condemned the anti

370
00:18:47,659 --> 00:18:53,840
vaccination crowd in an article by the

371

00:18:50,329 --> 00:18:56,538
New Zealand Herald last month referring

372
00:18:53,839 --> 00:18:59,569
to the upcoming screenings of the air

373
00:18:56,538 --> 00:19:02,658
quotes documentary Bakst he was quoted

374
00:18:59,569 --> 00:19:05,349
as follows I would really like to know

375
00:19:02,659 --> 00:19:08,330
what it is they need to hide he said

376
00:19:05,349 --> 00:19:10,189
adding that waives New Zealand which

377
00:19:08,329 --> 00:19:11,960
described itself as a charitable

378
00:19:10,190 --> 00:19:14,840
organisation was not a registered

379
00:19:11,960 --> 00:19:16,940
charity is it the fact that the director

380
00:19:14,839 --> 00:19:20,500
of the film Andrew Wakefield is a

381
00:19:16,940 --> 00:19:24,350
discredited scientist and quote

382
00:19:20,500 --> 00:19:27,500
Wakefield's 1998 Lancet Research had

383
00:19:24,349 --> 00:19:29,689
been described by dr. Dennis K Flaherty

384
00:19:27,500 --> 00:19:34,278
of the University of Charleston as

385
00:19:29,690 --> 00:19:36,380

having created a public health crisis he

386

00:19:34,278 --> 00:19:39,648

called his publication quote the most

387

00:19:36,380 --> 00:19:42,889

damaging medical hoax of the last 100

388

00:19:39,648 --> 00:19:46,428

years and quote and from the same

389

00:19:42,888 --> 00:19:48,908

article dr. O'Sullivan again quote last

390

00:19:46,429 --> 00:19:52,130

year's measles outbreak in the Waikato

391

00:19:48,909 --> 00:19:55,010

where seventy one of the eighty-nine

392

00:19:52,130 --> 00:19:57,080

victims had not been vaccinated is a

393

00:19:55,009 --> 00:19:59,648

good example of how preventable disease

394

00:19:57,079 --> 00:20:02,599

can take hold in a community he said

395

00:19:59,648 --> 00:20:05,449

calling on waves New Zealand to quote

396

00:20:02,599 --> 00:20:07,668

come out of the closet and allow parents

397

00:20:05,450 --> 00:20:10,399

to make an informed decision all

398

00:20:07,669 --> 00:20:12,590

children in our community deserve to be

399

00:20:10,398 --> 00:20:14,808

protected by a best-practice decision

400
00:20:12,589 --> 00:20:18,439
and best practice means immunizing

401
00:20:14,808 --> 00:20:21,558
children he said since the events of

402
00:20:18,440 --> 00:20:25,278
this week and dr. Sullivan's comments

403
00:20:21,558 --> 00:20:27,798
hit the press he has copped the expected

404
00:20:25,278 --> 00:20:31,359
online abuse from the anti vaccination

405
00:20:27,798 --> 00:20:32,569
community including one particularly

406
00:20:31,359 --> 00:20:35,479
nasty

407
00:20:32,569 --> 00:20:38,269
winter who brought dr. O'Sullivan's son

408
00:20:35,480 --> 00:20:40,430
into the argument his son has been

409
00:20:38,269 --> 00:20:42,730
diagnosed with a progressive muscular

410
00:20:40,430 --> 00:20:46,549
dystrophy which will tragically

411
00:20:42,730 --> 00:20:48,890
ultimately result in his death the

412
00:20:46,549 --> 00:20:52,089
commenter sarcastically asked if there

413
00:20:48,890 --> 00:20:54,110
was a vaccine for his son's condition

414

00:20:52,089 --> 00:20:56,029

those of us familiar with the

415

00:20:54,109 --> 00:20:59,059

anti-vaccination movement will not be

416

00:20:56,029 --> 00:21:02,509

surprised by such a heartless callous

417

00:20:59,059 --> 00:21:04,759

comment when the Northern Rivers

418

00:21:02,509 --> 00:21:07,789

vaccination supporters heard about dr.

419

00:21:04,759 --> 00:21:11,480

O'Sullivan's brave statements we wrote

420

00:21:07,789 --> 00:21:14,750

him an email of support and thanks which

421

00:21:11,480 --> 00:21:17,509

we hope will go some way towards showing

422

00:21:14,750 --> 00:21:21,079

him that he has the pro vaccination

423

00:21:17,509 --> 00:21:23,329

community right behind him and that's

424

00:21:21,079 --> 00:21:25,819

all from me for this week this has been

425

00:21:23,329 --> 00:21:30,710

Heidi Robertson from the Northern Rivers

426

00:21:25,819 --> 00:21:34,129

vaccination supporters WWN our VSD info

427

00:21:30,710 --> 00:21:37,890

and you can also find us on Facebook and

428

00:21:34,130 --> 00:21:52,540
Twitter thanks for listening bye for now

429
00:21:37,890 --> 00:21:52,540
[Music]

430
00:21:56,558 --> 00:22:04,069
save-the-date saikhan is returning to

431
00:21:59,599 --> 00:22:06,469
Las Vegas for 2017 today you turned on

432
00:22:04,069 --> 00:22:08,990
your computer or your phone Facebook

433
00:22:06,470 --> 00:22:12,140
told you that vaccines are an evil

434
00:22:08,990 --> 00:22:15,409
government plot Twitter told you the Sun

435
00:22:12,140 --> 00:22:17,090
is revolving around a Flat Earth and the

436
00:22:15,409 --> 00:22:19,960
House Science Committee told you that

437
00:22:17,089 --> 00:22:24,819
climate changes nothing to worry about

438
00:22:19,960 --> 00:22:27,259
meanwhile up is down true is false

439
00:22:24,819 --> 00:22:30,918
Oceania has always been at war with

440
00:22:27,259 --> 00:22:34,519
Eastasia and dogs and cats may in fact

441
00:22:30,919 --> 00:22:38,090
be living together enough already it's

442
00:22:34,519 --> 00:22:40,668

time once again for the forces of reason

443

00:22:38,089 --> 00:22:43,038

and science to come together time for

444

00:22:40,669 --> 00:22:45,799

critical thinkers to connect learn from

445

00:22:43,038 --> 00:22:49,190

each other and sharpen their skills time

446

00:22:45,798 --> 00:22:51,829

for the leading lights of skepticism to

447

00:22:49,190 --> 00:22:55,788

share their wisdom and to rally the

448

00:22:51,829 --> 00:22:58,599

troops it's time for saikhan 2017 back

449

00:22:55,788 --> 00:22:58,599

in las vegas

450

00:22:58,710 --> 00:23:05,259

October the 26th to the 29th joined

451

00:23:02,190 --> 00:23:08,649

luminaries such as James the amazing

452

00:23:05,259 --> 00:23:11,769

Randi Richard Dawkins Eugenie Scott the

453

00:23:08,648 --> 00:23:14,618

skeptics guide to the universe susan

454

00:23:11,769 --> 00:23:19,329

gerbic Harriet Hall Richard Wiseman

455

00:23:14,618 --> 00:23:22,118

Carrie papi Joe Nickell and many many

456

00:23:19,329 --> 00:23:24,519

more the master of ceremonies is none

457
00:23:22,118 --> 00:23:26,378
other than George hurry up for the

458
00:23:24,519 --> 00:23:28,778
biggest skeptics event of the year

459
00:23:26,378 --> 00:23:31,628
returning triumphantly to the Excalibur

460
00:23:28,778 --> 00:23:35,138
Hotel and Casino in Las Vegas the city

461
00:23:31,628 --> 00:23:37,628
of illusions saikhan 2017 will be packed

462
00:23:35,138 --> 00:23:40,449
with fascinating talks and presentations

463
00:23:37,628 --> 00:23:43,689
dazzling entertainment and fun social

464
00:23:40,450 --> 00:23:46,269
events with fellow skeptics this October

465
00:23:43,690 --> 00:23:48,509
getaway from fake news and conspiracy

466
00:23:46,269 --> 00:23:52,769
theories filling up your news feeds at

467
00:23:48,509 --> 00:23:57,009
saikhan 2017 your alternative to

468
00:23:52,769 --> 00:23:59,038
alternative facts for more information

469
00:23:57,009 --> 00:23:59,038
visit

470
00:24:01,910 --> 00:24:20,940
[Music]

471
00:24:18,230 --> 00:24:22,589
now updating you on this story we

472
00:24:20,940 --> 00:24:25,558
brought you last week about the little

473
00:24:22,589 --> 00:24:29,428
boy who was taken by the authorities

474
00:24:25,558 --> 00:24:32,158
after his parents seemed not to be able

475
00:24:29,429 --> 00:24:34,470
to give him the proper care required or

476
00:24:32,159 --> 00:24:36,059
maybe we should say unwilling to give

477
00:24:34,470 --> 00:24:38,490
him the proper medical attention

478
00:24:36,058 --> 00:24:41,788
required this update comes to us from

479
00:24:38,490 --> 00:24:46,620
the news service of the ABC here in

480
00:24:41,788 --> 00:24:51,859
Australia at ABC met a Yoo by Sarah

481
00:24:46,619 --> 00:24:51,859
white published on the 22nd of May

482
00:24:52,730 --> 00:24:59,929
online petition calls for malnourished

483
00:24:56,308 --> 00:25:02,730
son of anti-vaxxer to be returned home

484
00:24:59,929 --> 00:25:05,399
supporters of a prominent anti-vaxxer

485

00:25:02,730 --> 00:25:08,159
who's disabled and malnourished young

486
00:25:05,398 --> 00:25:10,678
son was taken by family services have

487
00:25:08,159 --> 00:25:13,770
launched an online petition to have him

488
00:25:10,679 --> 00:25:16,288
returned documents obtained by the ABC

489
00:25:13,769 --> 00:25:20,129
show the four-year-old boy whose family

490
00:25:16,288 --> 00:25:23,690
lives in Newcastle was severely underfed

491
00:25:20,130 --> 00:25:26,460
and was at imminent risk of serious harm

492
00:25:23,690 --> 00:25:29,909
the mother of the boy has been feeding

493
00:25:26,460 --> 00:25:32,819
her son a cannabis oil and plant-based

494
00:25:29,909 --> 00:25:34,820
diet and missed crucial medical

495
00:25:32,819 --> 00:25:37,500
appointments the documents show

496
00:25:34,819 --> 00:25:39,778
supporters say the boy's mother has been

497
00:25:37,500 --> 00:25:42,298
treated as a criminal for feeding him

498
00:25:39,778 --> 00:25:47,819
naturally and the petition has been

499
00:25:42,298 --> 00:25:49,980

signed by 23,000 people emergency

500

00:25:47,819 --> 00:25:52,678

physician dr. Sula Raji

501

00:25:49,980 --> 00:25:55,589

said the case highlights the dangers of

502

00:25:52,679 --> 00:25:58,288

when anti-vaxxer groups prey on families

503

00:25:55,589 --> 00:26:01,079

who are desperate quote what I'm seeing

504

00:25:58,288 --> 00:26:04,319

is a vulnerable family who need a lot of

505

00:26:01,079 --> 00:26:06,928

support with a very disabled child who

506

00:26:04,319 --> 00:26:09,599

have somehow fallen into the arms of the

507

00:26:06,929 --> 00:26:12,298

anti-vaccination movement men quote dr.

508

00:26:09,599 --> 00:26:14,398

Laura she said she said a battle is now

509

00:26:12,298 --> 00:26:17,460

being waged between the family of the

510

00:26:14,398 --> 00:26:19,500

boy who has cerebral palsy and the

511

00:26:17,460 --> 00:26:21,539

public health system quote

512

00:26:19,500 --> 00:26:24,059

it seems to be that the child is getting

513

00:26:21,539 --> 00:26:26,339

thinner and thinner and the family seems

514
00:26:24,059 --> 00:26:28,740
to be rejecting the standard medical

515
00:26:26,339 --> 00:26:30,869
treatment that has kept him relatively

516
00:26:28,740 --> 00:26:33,660
healthy all these years and quote she

517
00:26:30,869 --> 00:26:36,509
said dr. Laura she said it was the

518
00:26:33,660 --> 00:26:38,580
online anti-vaxxer community that had

519
00:26:36,509 --> 00:26:42,000
fueled debate over the young boy's

520
00:26:38,579 --> 00:26:45,299
health quote it's very easy as you know

521
00:26:42,000 --> 00:26:47,220
on social media to stir up hysteria

522
00:26:45,299 --> 00:26:50,009
they're constantly urging people to

523
00:26:47,220 --> 00:26:53,579
share and spread messages around em

524
00:26:50,009 --> 00:26:56,700
quote a video filmed in the boys home on

525
00:26:53,579 --> 00:26:59,029
Friday seen by the ABC shows police

526
00:26:56,700 --> 00:27:01,950
officers and Family Services officials

527
00:26:59,029 --> 00:27:04,859
waiting to take him away quote I've

528
00:27:01,950 --> 00:27:06,809
spoken to the girls from the New South

529
00:27:04,859 --> 00:27:09,689
Wales Department of Family and Community

530
00:27:06,809 --> 00:27:12,089
Services what they would like to see

531
00:27:09,690 --> 00:27:13,650
happen is the family puts the child in

532
00:27:12,089 --> 00:27:17,099
the back of the car in quote a police

533
00:27:13,650 --> 00:27:19,980
officer says in the video the mother is

534
00:27:17,099 --> 00:27:22,199
heard saying in response quote you are

535
00:27:19,980 --> 00:27:23,970
and you will leave you're not taking my

536
00:27:22,200 --> 00:27:26,880
child over my dead body

537
00:27:23,970 --> 00:27:29,339
unquote the spokesman from family and

538
00:27:26,880 --> 00:27:31,590
community services would not comment on

539
00:27:29,339 --> 00:27:35,429
the case only confirming there was a

540
00:27:31,589 --> 00:27:38,009
child safety incident on Friday and that

541
00:27:35,430 --> 00:27:38,750
comes to us courtesy of the ABC News

542

00:27:38,009 --> 00:27:41,920
Service

543
00:27:38,750 --> 00:27:57,390
ABC Tau

544
00:27:41,920 --> 00:27:59,798
[Music]

545
00:27:57,390 --> 00:28:03,009
Meli's Katie cheap-shot Allah

546
00:27:59,798 --> 00:28:04,750
Travis Clare Union bar spoon or credit

547
00:28:03,009 --> 00:28:07,538
Orca a brewski host Kotetsu K how

548
00:28:04,750 --> 00:28:09,759
Congress udoit TCC sarunas addition

549
00:28:07,538 --> 00:28:12,158
Congress table cannot posture Bratislava

550
00:28:09,759 --> 00:28:14,849
advocaat a hot dog a hot rod versatile

551
00:28:12,159 --> 00:28:18,429
to telezart e IA mood Stephen Bosworth

552
00:28:14,849 --> 00:28:21,399
th Ted opposing the 65th Kyoto Cygnus

553
00:28:18,429 --> 00:28:23,890
vehicle so James Randi susan gerbic mark

554
00:28:21,400 --> 00:28:26,830
Lynas Susan Blackmore Scotland thought

555
00:28:23,890 --> 00:28:28,299
at all she poha Vashti automatic eco

556
00:28:26,829 --> 00:28:30,908

neighbors instea vada

557

00:28:28,298 --> 00:28:34,389

so Dravida Ahmadiyya paramachaitanya

558

00:28:30,909 --> 00:28:37,240

doll she Procopio soup NK a provision

559

00:28:34,390 --> 00:28:39,549

for motsi fish dana Euroskeptics cone

560

00:28:37,240 --> 00:28:40,269

petka org and the bonus naked on a

561

00:28:39,548 --> 00:28:46,089

Facebook ooh

562

00:28:40,269 --> 00:28:48,609

the shima-san of ass hello dear

563

00:28:46,089 --> 00:28:50,829

skeptical friends this is cleric Lamberg

564

00:28:48,609 --> 00:28:54,250

co-organizer of the european skeptics

565

00:28:50,829 --> 00:28:56,319

congress 2017 this year the Congress

566

00:28:54,250 --> 00:28:59,470

will be held in broad South Poland on

567

00:28:56,319 --> 00:29:01,359

September 22nd to 24th and is my

568

00:28:59,470 --> 00:29:04,390

absolute pleasure to invite you to

569

00:29:01,359 --> 00:29:07,538

attend come and listen to talks by James

570

00:29:04,390 --> 00:29:09,759

Randi susan gerbic mark Lynas Susan

571
00:29:07,538 --> 00:29:12,339
Blackmore Scotland Feld and others

572
00:29:09,759 --> 00:29:14,710
discuss topics like science and religion

573
00:29:12,339 --> 00:29:17,408
to science and media paranormal

574
00:29:14,710 --> 00:29:19,149
investigation and more to buy a ticket

575
00:29:17,409 --> 00:29:23,140
and to get more information by the

576
00:29:19,148 --> 00:29:27,808
Congress go to Euroskeptics con org or

577
00:29:23,140 --> 00:29:27,809
find us on Facebook see you there

578
00:29:28,410 --> 00:29:41,429
[Music]

579
00:29:37,700 --> 00:29:43,409
and now direct from the cafe at

580
00:29:41,429 --> 00:29:49,170
Australia's Science Channel

581
00:29:43,409 --> 00:29:50,299
it's brouhaha with Casey Harrigan and

582
00:29:49,170 --> 00:29:53,548
[Music]

583
00:29:50,298 --> 00:29:55,679
iceberg the sides of Kangaroo Island is

584
00:29:53,548 --> 00:29:57,628
dangling by a mere thread from the

585
00:29:55,679 --> 00:30:00,450
continent of Antarctica about to be

586
00:29:57,628 --> 00:30:02,878
ripped off and set free well by mere

587
00:30:00,450 --> 00:30:04,710
thread I mean 20 kilometers of ice and

588
00:30:02,878 --> 00:30:06,089
by ripped off and set free

589
00:30:04,710 --> 00:30:08,429
I mean gently drift off into the ocean

590
00:30:06,089 --> 00:30:10,470
but it's impending departure from

591
00:30:08,429 --> 00:30:13,230
mainland still prompts a lot of

592
00:30:10,470 --> 00:30:13,769
questions like well we need to redraw

593
00:30:13,230 --> 00:30:16,950
our Maps

594
00:30:13,769 --> 00:30:19,019
sort of maths that include our shelves

595
00:30:16,950 --> 00:30:20,970
will need to be adjusted but our records

596
00:30:19,019 --> 00:30:23,700
are the actual landmass of the continent

597
00:30:20,970 --> 00:30:26,759
are in good shape will the iceberg make

598
00:30:23,700 --> 00:30:28,980
sea levels rise not directly but as the

599

00:30:26,759 --> 00:30:30,599
bird drifts away we'll find out how

600
00:30:28,980 --> 00:30:34,079
stable the ice shelf that leaves behind

601
00:30:30,599 --> 00:30:35,939
really is if sea levels do rise it'll be

602
00:30:34,079 --> 00:30:38,069
because the glacier behind the iceberg

603
00:30:35,940 --> 00:30:40,950
is exposed and degrades more rapidly and

604
00:30:38,069 --> 00:30:42,898
the biggest question of all should we

605
00:30:40,950 --> 00:30:46,319
tie this iceberg to Australia and tap it

606
00:30:42,898 --> 00:30:48,868
for fresh water no we shouldn't but over

607
00:30:46,319 --> 00:30:50,579
the years this idea has really had a way

608
00:30:48,868 --> 00:30:52,158
of capturing people's imagination and

609
00:30:50,579 --> 00:30:54,449
that's how it's going to stay

610
00:30:52,159 --> 00:30:56,460
realistically we won't be buying

611
00:30:54,450 --> 00:30:57,880
overpriced bottles of fresh Antarctica

612
00:30:56,460 --> 00:31:00,309
iceberg water this summer

613
00:30:57,880 --> 00:31:03,320

[Music]

614

00:31:00,309 --> 00:31:05,720
yes that was KZ Harrigan with this

615

00:31:03,319 --> 00:31:08,119
week's brouhaha and joining me on the

616

00:31:05,720 --> 00:31:10,900
line from Australia science TV it's

617

00:31:08,119 --> 00:31:13,609
Kasey Harrigan in person hello Casey

618

00:31:10,900 --> 00:31:15,290
color Richard are you I'm really well

619

00:31:13,609 --> 00:31:17,929
it's really nice to talk with you

620

00:31:15,289 --> 00:31:19,639
because I've seen thank you I've seen

621

00:31:17,930 --> 00:31:22,039
all the videos the brouhaha is a

622

00:31:19,640 --> 00:31:23,840
wonderful video series and my listeners

623

00:31:22,039 --> 00:31:24,859
of course probably watch the videos but

624

00:31:23,839 --> 00:31:28,189
certainly here

625

00:31:24,859 --> 00:31:30,799
brouhaha every week it's you giving

626

00:31:28,190 --> 00:31:32,990
little snippets of sites together with

627

00:31:30,799 --> 00:31:33,619
Ben Lewis of course Kelly Wong and ten

628
00:31:32,990 --> 00:31:36,680
yemaja

629
00:31:33,619 --> 00:31:38,719
well let's let's little get to a little

630
00:31:36,680 --> 00:31:40,670
bit about you what's your involvement

631
00:31:38,720 --> 00:31:44,839
exactly with the Australia Science

632
00:31:40,670 --> 00:31:47,930
Channel yeah as of right now I'm a

633
00:31:44,839 --> 00:31:50,750
contributing editor and producer sorry I

634
00:31:47,930 --> 00:31:53,390
look after on Australia Science Channel

635
00:31:50,750 --> 00:31:56,180
I look after all things the body so all

636
00:31:53,390 --> 00:31:58,009
things you know health medicine wellness

637
00:31:56,180 --> 00:31:59,810
even things like wearable technology

638
00:31:58,009 --> 00:32:01,640
done nothing anything to do with the

639
00:31:59,809 --> 00:32:03,579
human body and I also look after a

640
00:32:01,640 --> 00:32:06,530
culture so I've got a real interest in

641
00:32:03,579 --> 00:32:08,689
science fiction and you know the

642
00:32:06,529 --> 00:32:10,849
connection of art and science but then

643
00:32:08,690 --> 00:32:12,769
also you know society and science and

644
00:32:10,849 --> 00:32:15,949
politics and and all those sort of

645
00:32:12,769 --> 00:32:18,650
social issues as well so yeah so I kind

646
00:32:15,950 --> 00:32:21,259
of curate those channels in tribute to

647
00:32:18,650 --> 00:32:24,430
them as well and then I'm a producer so

648
00:32:21,259 --> 00:32:26,660
I'm kind of under the beck and call of

649
00:32:24,430 --> 00:32:28,850
myself and my colleagues to just make

650
00:32:26,660 --> 00:32:31,460
you know make as much great client

651
00:32:28,849 --> 00:32:34,129
content and you know show off as many

652
00:32:31,460 --> 00:32:37,430
science field stories as we can first

653
00:32:34,130 --> 00:32:39,410
rally and with the team there that the

654
00:32:37,430 --> 00:32:42,860
four of you doing the brouhaha how do

655
00:32:39,410 --> 00:32:44,930
you how do you choose your story I mean

656

00:32:42,859 --> 00:32:46,369
you look at a range of stories that have

657
00:32:44,930 --> 00:32:47,660
come up in the week do all of you do

658
00:32:46,369 --> 00:32:51,109
that and think to yourself I'll have

659
00:32:47,660 --> 00:32:53,090
this one or I'll do this one um not

660
00:32:51,109 --> 00:32:54,619
exactly I wonder what would you like to

661
00:32:53,089 --> 00:32:57,439
be a fly on the wall to some about

662
00:32:54,619 --> 00:32:58,459
brouhaha brainstorm but aren't

663
00:32:57,440 --> 00:33:00,470
basically we just all get together

664
00:32:58,460 --> 00:33:01,819
wherever we are we're either in the

665
00:33:00,470 --> 00:33:04,519
office or man with just how to

666
00:33:01,819 --> 00:33:06,529
adequately all have to be together we

667
00:33:04,519 --> 00:33:08,569
just authorized Diaz out and sometimes

668
00:33:06,529 --> 00:33:10,730
what happens really fast sometimes but

669
00:33:08,569 --> 00:33:12,529
things happen and we just go we've just

670
00:33:10,730 --> 00:33:13,620

got a cover that there was one a little

671

00:33:12,529 --> 00:33:14,970
while ago one of my favor

672

00:33:13,619 --> 00:33:17,729
it's an iconic sub laughing for the

673

00:33:14,970 --> 00:33:20,930
whole thing was on this term drug

674

00:33:17,730 --> 00:33:23,640
smugglers like I'm laughing now

675

00:33:20,930 --> 00:33:25,920
backpacks on there and we just learned

676

00:33:23,640 --> 00:33:28,380
that the very haha that was such a

677

00:33:25,920 --> 00:33:31,800
no-brainer super fast right description

678

00:33:28,380 --> 00:33:33,870
quickly all came together and apart from

679

00:33:31,799 --> 00:33:34,859
once we got through one where I wasn't

680

00:33:33,869 --> 00:33:37,500
laughing so hard that it was

681

00:33:34,859 --> 00:33:39,240
unintelligible then we were gone um but

682

00:33:37,500 --> 00:33:41,640
I'll tell you what sometimes those

683

00:33:39,240 --> 00:33:44,400
conversations take a long time and we go

684

00:33:41,640 --> 00:33:46,440
through lots and lots of stories and we

685
00:33:44,400 --> 00:33:48,540
throw things out and we workshop it for

686
00:33:46,440 --> 00:33:50,670
a little while and we just go look at

687
00:33:48,539 --> 00:33:51,928
the great story and we're all very

688
00:33:50,670 --> 00:33:54,570
interested in it but it's just a lot of

689
00:33:51,929 --> 00:33:55,740
brouhaha and then we you know move on to

690
00:33:54,569 --> 00:33:57,058
the next line and then maybe we come

691
00:33:55,740 --> 00:33:59,839
back to one we've already talked about

692
00:33:57,058 --> 00:34:03,000
and yeah often those discussions are

693
00:33:59,839 --> 00:34:04,230
really quite long and grueling but

694
00:34:03,000 --> 00:34:07,380
they're also really satisfying at the

695
00:34:04,230 --> 00:34:12,469
end where you go all that time all those

696
00:34:07,380 --> 00:34:14,550
stories that were you know false starts

697
00:34:12,469 --> 00:34:15,898
it can actually be really started trying

698
00:34:14,550 --> 00:34:17,070
to get to the end and go are we've got

699

00:34:15,898 --> 00:34:18,779

it we've got a really great for

700

00:34:17,070 --> 00:34:21,210

different people these week so this week

701

00:34:18,780 --> 00:34:23,879

sorry so it's a real mix anywhere

702

00:34:21,210 --> 00:34:26,460

between that's the one let's do it to

703

00:34:23,878 --> 00:34:28,168

you know continued a bit of a stiff

704

00:34:26,460 --> 00:34:29,610

drink after the office conversation

705

00:34:28,168 --> 00:34:33,449

because it's just being quite grueling

706

00:34:29,610 --> 00:34:34,590

right but it's always fun yeah to have

707

00:34:33,449 --> 00:34:36,869

those discussions and just talk about

708

00:34:34,590 --> 00:34:38,730

all the weird and wonderful fancy stuff

709

00:34:36,869 --> 00:34:41,219

that's been happening I bet it is now

710

00:34:38,730 --> 00:34:44,699

for the people who just listen to you by

711

00:34:41,219 --> 00:34:46,019

the skeptics own podcast I always say in

712

00:34:44,699 --> 00:34:48,388

the little introduction I've done it

713

00:34:46,019 --> 00:34:50,550
from direct from the cafe if you watch

714
00:34:48,389 --> 00:34:54,329
the videos folks of course there's Casey

715
00:34:50,550 --> 00:34:56,280
and her friends Ben Tania and Kelly with

716
00:34:54,329 --> 00:34:57,719
the backdrop of an actual cafe and

717
00:34:56,280 --> 00:34:59,430
you're standing there presenting to

718
00:34:57,719 --> 00:35:01,739
camera with the people getting coffees

719
00:34:59,429 --> 00:35:04,589
behind you what's that recording process

720
00:35:01,739 --> 00:35:07,219
like do you have an auto prompt or do

721
00:35:04,590 --> 00:35:08,420
you memorize it or how does that work

722
00:35:07,219 --> 00:35:11,579
yes

723
00:35:08,420 --> 00:35:13,500
I don't know anyone's question many

724
00:35:11,579 --> 00:35:16,139
people but that's all green screen so we

725
00:35:13,500 --> 00:35:19,650
go out and we shoot those backgrounds or

726
00:35:16,139 --> 00:35:21,119
different cafes so what they are they

727
00:35:19,650 --> 00:35:22,829

are the cafe artists released by

728

00:35:21,119 --> 00:35:24,960

charlatans we've got our few local

729

00:35:22,829 --> 00:35:27,090

favorite but unfortunately we don't have

730

00:35:24,960 --> 00:35:29,170

an on-site

731

00:35:27,090 --> 00:35:30,900

well we've got a green screen

732

00:35:29,170 --> 00:35:34,200

permanently set up we've got a studio

733

00:35:30,900 --> 00:35:37,599

family set up we do have a teleprompter

734

00:35:34,199 --> 00:35:40,000

so we yeah we write our own scripts so

735

00:35:37,599 --> 00:35:43,170

that they're in our voice and but we all

736

00:35:40,000 --> 00:35:45,460

do pitch in and have a have a quick read

737

00:35:43,170 --> 00:35:48,730

yeah basically one for Hardy with the

738

00:35:45,460 --> 00:35:50,470

scripts not too long it's got a few you

739

00:35:48,730 --> 00:35:52,869

know maybe a few offbeat things in it a

740

00:35:50,469 --> 00:35:54,849

few provocative things in it yeah we

741

00:35:52,869 --> 00:35:57,940

just hit we hit our studios turn the

742
00:35:54,849 --> 00:35:59,730
lights on turn the cameras on and go for

743
00:35:57,940 --> 00:36:02,789
it and just really try and focus on

744
00:35:59,730 --> 00:36:04,719
giving the best and most authentic

745
00:36:02,789 --> 00:36:07,269
performance is probably the wrong word

746
00:36:04,719 --> 00:36:11,219
really are charge us be ourselves yeah

747
00:36:07,269 --> 00:36:14,409
yeah just give them mice energetic um

748
00:36:11,219 --> 00:36:16,839
kind of delivery that we can so yeah

749
00:36:14,409 --> 00:36:19,809
yeah it was a good good farm you could

750
00:36:16,840 --> 00:36:23,079
head down from Studio well folks if you

751
00:36:19,809 --> 00:36:24,579
haven't if you haven't seen Casey and

752
00:36:23,079 --> 00:36:27,250
her friends actually perform well

753
00:36:24,579 --> 00:36:29,769
perform deliver present I probably

754
00:36:27,250 --> 00:36:32,019
should say present there's probably the

755
00:36:29,769 --> 00:36:33,489
best word it's a lot there's a little

756
00:36:32,019 --> 00:36:36,849
bit of performance in all that sort of

757
00:36:33,489 --> 00:36:39,969
stuff if you go to Australia Science dot

758
00:36:36,849 --> 00:36:41,980
TV you can you can see Breuer are lots

759
00:36:39,969 --> 00:36:45,189
of other things to which the channel is

760
00:36:41,980 --> 00:36:46,630
doing which is fantastic and the skeptic

761
00:36:45,190 --> 00:36:49,000
son is very pleased to have a long

762
00:36:46,630 --> 00:36:50,710
association now with what you're doing

763
00:36:49,000 --> 00:36:53,070
there through a week in science a few

764
00:36:50,710 --> 00:36:56,920
years ago all the way through now to

765
00:36:53,070 --> 00:37:00,700
brouhaha and I hope one day I can visit

766
00:36:56,920 --> 00:37:03,610
the Australia's science TV in person

767
00:37:00,699 --> 00:37:06,399
again and we'll find a cafe a day what

768
00:37:03,610 --> 00:37:09,940
we'll find a cafe and we'll do it and

769
00:37:06,400 --> 00:37:12,990
we'll have a real brouhaha then but for

770

00:37:09,940 --> 00:37:16,000
now Casey wonderful to chat with you and

771
00:37:12,989 --> 00:37:17,259
please give our regards to all your

772
00:37:16,000 --> 00:37:20,019
fellow presenters who do such a

773
00:37:17,260 --> 00:37:20,750
wonderful job certainly well thanks

774
00:37:20,019 --> 00:37:22,909
Richard

775
00:37:20,750 --> 00:37:26,280
[Music]

776
00:37:22,909 --> 00:37:32,869
for more brouhaha and Australian science

777
00:37:26,280 --> 00:37:32,870
ed 4ww Australia science TV

778
00:37:34,119 --> 00:37:40,289
[Music]

779
00:37:38,010 --> 00:37:43,870
[Applause]

780
00:37:40,289 --> 00:37:46,719
calling all skeptics or listeners the UF

781
00:37:43,869 --> 00:37:48,759
n or near Glasgow or are you planning to

782
00:37:46,719 --> 00:37:50,769
visit something then you're in luck

783
00:37:48,760 --> 00:37:54,040
because the Glasgow skeptics

784
00:37:50,769 --> 00:37:55,780

I've got your Monday nights sorted we're

785

00:37:54,039 --> 00:37:58,059

committed to filling up every available

786

00:37:55,780 --> 00:38:01,090

Monday night talks on science and

787

00:37:58,059 --> 00:38:03,309

skepticism past speakers include Eugenie

788

00:38:01,090 --> 00:38:05,380

Scott jelly coin maker Marshall neat

789

00:38:03,309 --> 00:38:08,469

Phelps Tom and Cecil from cognitive

790

00:38:05,380 --> 00:38:10,809

dissonance PZ Myers Richard Wiseman AC

791

00:38:08,469 --> 00:38:13,359

drilling Noah Heath and Eli from the

792

00:38:10,809 --> 00:38:15,610

scaling atheist Simon Singh Rebecca

793

00:38:13,360 --> 00:38:18,460

Watson and a multitude of local

794

00:38:15,610 --> 00:38:20,320

academics and skeptics there's literally

795

00:38:18,460 --> 00:38:22,389

nothing better you can do on a Monday

796

00:38:20,320 --> 00:38:24,760

night in Glasgow that doesn't involve

797

00:38:22,389 --> 00:38:26,710

taking your clothes off so come join us

798

00:38:24,760 --> 00:38:28,870

we've also got a vibrant online

799
00:38:26,710 --> 00:38:30,699
community you can find us on Facebook

800
00:38:28,869 --> 00:38:33,730
Twitter and get involved with the

801
00:38:30,699 --> 00:38:35,369
discussion Glasgow skeptics self-help

802
00:38:33,730 --> 00:38:36,179
for your brain

803
00:38:35,369 --> 00:38:44,119
[Music]

804
00:38:36,179 --> 00:38:57,379
[Applause]

805
00:38:44,119 --> 00:39:01,199
[Music]

806
00:38:57,380 --> 00:39:05,430
I'm coming to you from the middle the

807
00:39:01,199 --> 00:39:07,439
center the epicenter ground zero of mind

808
00:39:05,429 --> 00:39:08,818
body spirit or mind body wallet is

809
00:39:07,440 --> 00:39:11,480
recalled and of course I'm here with

810
00:39:08,818 --> 00:39:14,159
these stranger things down under group

811
00:39:11,480 --> 00:39:15,900
milling around it's really crowded mind

812
00:39:14,159 --> 00:39:19,739
body while it is absolutely crowd of

813
00:39:15,900 --> 00:39:21,539
this year really I think because it's

814
00:39:19,739 --> 00:39:24,528
moved back into the center of the city

815
00:39:21,539 --> 00:39:27,960
from out in the suburbs or it was and

816
00:39:24,528 --> 00:39:30,750
this year they've made it free so a lot

817
00:39:27,960 --> 00:39:33,000
of people a lot of more people here than

818
00:39:30,750 --> 00:39:35,429
would normally be here

819
00:39:33,000 --> 00:39:37,130
so that the Rose it's quite a big area

820
00:39:35,429 --> 00:39:41,399
and all the roads are absolutely crowded

821
00:39:37,130 --> 00:39:43,710
like a little human traffic jam

822
00:39:41,400 --> 00:39:45,269
we're passing lots a really good stuff

823
00:39:43,710 --> 00:39:47,250
it's worth coming to mind body wallet

824
00:39:45,269 --> 00:39:49,530
for the fantastic stuff Trish from our

825
00:39:47,250 --> 00:39:52,349
group even bought some incredibly

826
00:39:49,530 --> 00:39:55,830
delicious ginger beer and there's some

827

00:39:52,349 --> 00:39:56,210
stuff some lovely food any all sorts of

828
00:39:55,829 --> 00:39:58,619
things

829
00:39:56,210 --> 00:40:00,539
there's ilithia's here with me Trish

830
00:39:58,619 --> 00:40:04,109
Lara and Jessica are all milling around

831
00:40:00,539 --> 00:40:06,529
lots of jewelry to buy of course but we

832
00:40:04,110 --> 00:40:10,260
have been passing things like earthing

833
00:40:06,530 --> 00:40:11,550
you can I'm not sure the idea is you

834
00:40:10,260 --> 00:40:13,140
make connection with the earth through

835
00:40:11,550 --> 00:40:15,870
bare feet or special mats that you have

836
00:40:13,139 --> 00:40:19,759
to buy and imbalances you somehow we

837
00:40:15,869 --> 00:40:23,299
pass various Reiki people what's this a

838
00:40:19,760 --> 00:40:23,300
vacuum blender

839
00:40:24,260 --> 00:40:30,620
lots of food here you got all that looks

840
00:40:26,539 --> 00:40:31,820
nice so oh it's a bookstore

841
00:40:30,619 --> 00:40:34,130

[Music]

842

00:40:31,820 --> 00:40:37,100

I was passing the live demonstration of

843

00:40:34,130 --> 00:40:39,650

cooking at the moment so what a mixture

844

00:40:37,099 --> 00:40:44,809

mind body wallet is every year what a

845

00:40:39,650 --> 00:40:47,410

mixture but that doesn't excuse the the

846

00:40:44,809 --> 00:40:50,630

anti-science the rampant anti science

847

00:40:47,409 --> 00:40:54,469

the questionable medical products and so

848

00:40:50,630 --> 00:40:57,820

on this that we can find i will real

849

00:40:54,469 --> 00:40:57,819

much we will press on

850

00:40:59,139 --> 00:41:03,639

goodness me the science the incredible

851

00:41:01,840 --> 00:41:06,700

science we've seen here incredible is

852

00:41:03,639 --> 00:41:09,599

one way to say new Chinese Health Center

853

00:41:06,699 --> 00:41:12,839

we're just passing by it self adhesive

854

00:41:09,599 --> 00:41:17,219

moxa a plant wormwood

855

00:41:12,840 --> 00:41:20,620

mugwort can change your future it's very

856
00:41:17,219 --> 00:41:22,359
interesting we've lost some of our party

857
00:41:20,619 --> 00:41:26,279
because they've got sort of waylaid at

858
00:41:22,360 --> 00:41:29,110
various stand selling weird water and

859
00:41:26,280 --> 00:41:32,830
spinal checks and spinal taps and I

860
00:41:29,110 --> 00:41:35,920
don't know what somehow made it almost

861
00:41:32,829 --> 00:41:37,750
through to the other end with Lara do we

862
00:41:35,920 --> 00:41:39,840
stop and look at some of the stands

863
00:41:37,750 --> 00:41:42,659
along the way

864
00:41:39,840 --> 00:41:45,269
funny smells in the end senses smoke and

865
00:41:42,659 --> 00:41:47,909
I don't know what's going well there is

866
00:41:45,269 --> 00:41:49,409
a cafe we've discovered the cafe we were

867
00:41:47,909 --> 00:41:52,819
looking for that before so there is a

868
00:41:49,409 --> 00:41:52,819
cafe Oh have they sell chips

869
00:41:53,739 --> 00:41:58,809
we got one more row to go but we might

870
00:41:55,900 --> 00:42:01,170
tell you all go round this corner so

871
00:41:58,809 --> 00:42:05,039
many people here

872
00:42:01,170 --> 00:42:07,769
mostly having a good time I see

873
00:42:05,039 --> 00:42:12,599
there's Roxanne an old friend of mine so

874
00:42:07,769 --> 00:42:15,838
to speak Feng Shui laws with Roxanne yes

875
00:42:12,599 --> 00:42:18,359
she is I see the same people here after

876
00:42:15,838 --> 00:42:21,858
you well-being magazine I think I'll

877
00:42:18,358 --> 00:42:21,858
grab one of these and we'll carry on

878
00:42:24,420 --> 00:42:29,280
[Music]

879
00:42:26,750 --> 00:42:31,289
it's a welcome break here at mind-body

880
00:42:29,280 --> 00:42:33,030
wallet I'm with Jessica and Lara we've

881
00:42:31,289 --> 00:42:34,710
discovered copy Lara

882
00:42:33,030 --> 00:42:36,780
which is very welcome at the moment

883
00:42:34,710 --> 00:42:39,170
because we have to wash out the water

884

00:42:36,780 --> 00:42:41,550
the was it alkaline water or something I

885
00:42:39,170 --> 00:42:43,980
know there was five different types of

886
00:42:41,550 --> 00:42:48,240
water Richard they had an electrolysis

887
00:42:43,980 --> 00:42:50,280
machine cost close to \$6,000 is it look

888
00:42:48,239 --> 00:42:52,348
apparently everybody in Japan has yes

889
00:42:50,280 --> 00:42:56,359
just they clean their floors with it

890
00:42:52,349 --> 00:42:58,829
yeah yeah and they split the water into

891
00:42:56,358 --> 00:43:00,568
basically that turns into an acid and an

892
00:42:58,829 --> 00:43:01,829
alkali simultaneously although if you

893
00:43:00,568 --> 00:43:03,989
don't want it amount to strong you can

894
00:43:01,829 --> 00:43:05,940
just remove this slightly dubious

895
00:43:03,989 --> 00:43:07,529
looking tray which apparently put some

896
00:43:05,940 --> 00:43:08,849
chemicals in but actually doesn't I

897
00:43:07,530 --> 00:43:10,230
don't know they would they were

898
00:43:08,849 --> 00:43:11,250

contradicting themselves every couple of

899

00:43:10,230 --> 00:43:13,108
seconds

900

00:43:11,250 --> 00:43:15,000
and the references were constantly

901

00:43:13,108 --> 00:43:17,519
looking up on YouTube what was amazing

902

00:43:15,000 --> 00:43:19,469
this YouTube is the definitive place to

903

00:43:17,519 --> 00:43:21,300
go for science education which he needs

904

00:43:19,469 --> 00:43:23,730
to do because honestly it was really

905

00:43:21,300 --> 00:43:26,160
wanting me otherwise with my H_2 diatomic

906

00:43:23,730 --> 00:43:27,960
hydrogen which is just hydrogen that's

907

00:43:26,159 --> 00:43:28,920
just hydrogen gas and he said that

908

00:43:27,960 --> 00:43:30,929
there's bubbles but then he said

909

00:43:28,920 --> 00:43:32,579
dissolved if you dissolve the diatomic

910

00:43:30,929 --> 00:43:34,379
hydrogen you basically got H plus you've

911

00:43:32,579 --> 00:43:36,000
got ions dissolved in solute they're two

912

00:43:34,380 --> 00:43:38,010
different things

913
00:43:36,000 --> 00:43:40,409
any kids yeah I mean he kept saying it

914
00:43:38,010 --> 00:43:42,630
wasn't dangerous but the pH was so high

915
00:43:40,409 --> 00:43:44,190
and so low that I really think it would

916
00:43:42,630 --> 00:43:45,750
be interesting to think it would be -

917
00:43:44,190 --> 00:43:48,329
yeah Trish did too but I doubt the

918
00:43:45,750 --> 00:43:50,699
Machine does anything that it's claimed

919
00:43:48,329 --> 00:43:52,469
the claims being made and Jessica what

920
00:43:50,699 --> 00:43:54,659
have you discovered what Joy's have you

921
00:43:52,469 --> 00:43:56,279
discovered here well I can I'm going to

922
00:43:54,659 --> 00:43:59,299
pass something that seems to claim it

923
00:43:56,280 --> 00:44:02,790
can change your DNA which interesting

924
00:43:59,300 --> 00:44:04,349
unlikely but mostly as always the

925
00:44:02,789 --> 00:44:05,550
crystals of the best part for me they're

926
00:44:04,349 --> 00:44:07,130
so beautiful they don't do any of the

927
00:44:05,550 --> 00:44:10,380
stuff they claim to do I bought some

928
00:44:07,130 --> 00:44:11,970
iron pyrite and iron pyrite sort of egg

929
00:44:10,380 --> 00:44:14,460
looking thing for a friend I thought it

930
00:44:11,969 --> 00:44:16,049
was very pretty but it claims to be an

931
00:44:14,460 --> 00:44:17,639
excellent energy shield I don't know

932
00:44:16,050 --> 00:44:21,480
what that means

933
00:44:17,639 --> 00:44:23,998
energy stimulate the flow of ideas helps

934
00:44:21,480 --> 00:44:26,639
with planning boost self-worth and

935
00:44:23,998 --> 00:44:27,659
accelerates mental activity I could do

936
00:44:26,639 --> 00:44:30,239
with some of that right now while I

937
00:44:27,659 --> 00:44:32,518
finish my assignment later today it's

938
00:44:30,239 --> 00:44:34,349
all worth it you see but well what a big

939
00:44:32,518 --> 00:44:35,998
turnout I mean I I've been coming to

940
00:44:34,349 --> 00:44:36,930
this funny fair for many many years and

941

00:44:35,998 --> 00:44:39,179
I think this is one of the biggest

942
00:44:36,929 --> 00:44:40,919
turnouts I've ever seen so there you go

943
00:44:39,179 --> 00:44:42,690
there are people there are people who

944
00:44:40,920 --> 00:44:45,630
are interested in the new age still

945
00:44:42,690 --> 00:44:47,489
honestly that the turnouts so big it's

946
00:44:45,630 --> 00:44:49,019
almost a little bit stressful there's so

947
00:44:47,489 --> 00:44:50,338
many people here like I feel like this

948
00:44:49,018 --> 00:44:53,129
is supposed to be where you go to feel

949
00:44:50,338 --> 00:44:55,048
really calm and chill or I don't know

950
00:44:53,130 --> 00:44:56,700
something positive and good energy blah

951
00:44:55,048 --> 00:44:59,460
blah blah but mostly it's just a lot of

952
00:44:56,699 --> 00:45:01,139
people bumping into my shoulders a lot

953
00:44:59,460 --> 00:45:03,389
of bumping into people today what we'll

954
00:45:01,139 --> 00:45:05,759
finish our coffees and we might be able

955
00:45:03,389 --> 00:45:08,460

to find illithya and Trish who are lost

956

00:45:05,759 --> 00:45:10,259

somewhere it was wrong where are they

957

00:45:08,460 --> 00:45:12,539

they're doing a hearing test they're

958

00:45:10,259 --> 00:45:13,949

doing I didn't know that but I don't

959

00:45:12,539 --> 00:45:15,569

know if it's a pseudoscience hearing

960

00:45:13,949 --> 00:45:17,548

tests or a real one that's just you know

961

00:45:15,568 --> 00:45:19,079

come along here for the business I might

962

00:45:17,548 --> 00:45:20,548

be wrong they look like the hearing test

963

00:45:19,079 --> 00:45:22,230

was legitimate but they were trying to

964

00:45:20,548 --> 00:45:24,480

sell something which could improve your

965

00:45:22,230 --> 00:45:27,909

hearing I might be wrong on that well

966

00:45:24,480 --> 00:45:31,940

I've got a below we'll find out soon

967

00:45:27,909 --> 00:45:31,940

[Music]

968

00:45:34,510 --> 00:45:38,810

well you've heard Escape from Alcatraz

969

00:45:36,559 --> 00:45:41,059

we've escaped from mind body wallet oh

970
00:45:38,809 --> 00:45:44,329
hello Lara's bought me a lovely dessert

971
00:45:41,059 --> 00:45:45,799
here is a cool let me open this up were

972
00:45:44,329 --> 00:45:48,139
you sitting here in darling harbour and

973
00:45:45,800 --> 00:45:51,350
some of the cafes and oh it's a little

974
00:45:48,139 --> 00:45:54,529
caramel tart it looks amazing

975
00:45:51,349 --> 00:45:57,440
Merry Christmas indeed so Trish and

976
00:45:54,530 --> 00:45:59,570
Olivia you left us to go to hear a

977
00:45:57,440 --> 00:46:02,710
fascinating talk what was that like I

978
00:45:59,570 --> 00:46:05,030
was called the art of Oracle reading and

979
00:46:02,710 --> 00:46:06,769
honor was napping there were like at

980
00:46:05,030 --> 00:46:09,410
least six or seven people actually

981
00:46:06,769 --> 00:46:13,730
asleep and we were struggling it was

982
00:46:09,409 --> 00:46:17,000
such a Content free talk by a very nice

983
00:46:13,730 --> 00:46:18,650
lady with a soothing voice that was

984
00:46:17,000 --> 00:46:22,130
absolutely gorgeous but you still just

985
00:46:18,650 --> 00:46:24,050
think oh can you can you not so with

986
00:46:22,130 --> 00:46:26,630
this very hypnotic quality to her voice

987
00:46:24,050 --> 00:46:29,360
that made it very hard to stay awake

988
00:46:26,630 --> 00:46:33,320
during the nothing she was saying for a

989
00:46:29,360 --> 00:46:35,420
lot everyone in there was already a

990
00:46:33,320 --> 00:46:37,610
witch of some sort they already had an

991
00:46:35,420 --> 00:46:40,309
oracle card decked and they they already

992
00:46:37,610 --> 00:46:41,690
had altars in their home it was the

993
00:46:40,309 --> 00:46:43,369
assumption that was the assumption of

994
00:46:41,690 --> 00:46:45,289
what she'll assume about arms it does

995
00:46:43,369 --> 00:46:47,300
accept us I didn't realize that was the

996
00:46:45,289 --> 00:46:49,309
difference between Tarot and Oracle but

997
00:46:47,300 --> 00:46:52,369
it seems like there's a little bit of a

998

00:46:49,309 --> 00:46:55,400
err yeah yeah regarded as being darker

999
00:46:52,369 --> 00:46:57,829
doesn't it like tarot is dark with evil

1000
00:46:55,400 --> 00:46:58,070
the energy I wasn't to wear but there

1001
00:46:57,829 --> 00:47:00,799
you go

1002
00:46:58,070 --> 00:47:02,809
Star has death cards and they don't

1003
00:47:00,800 --> 00:47:05,180
always mean death remember it could be

1004
00:47:02,809 --> 00:47:06,289
the change of the career or what was

1005
00:47:05,179 --> 00:47:08,089
here the other thing they talked about

1006
00:47:06,289 --> 00:47:10,880
the death of a bad habit that was one

1007
00:47:08,090 --> 00:47:13,700
thing I've seen brought up it's all good

1008
00:47:10,880 --> 00:47:15,829
it's all good well I'm pleased that I

1009
00:47:13,699 --> 00:47:17,269
said I wouldn't come back to mind body

1010
00:47:15,829 --> 00:47:18,858
wallet this year but I did and I'm

1011
00:47:17,269 --> 00:47:21,409
pleased I did actually it's recharge the

1012
00:47:18,858 --> 00:47:24,079

battery somewhat so would you generally

1013

00:47:21,409 --> 00:47:27,339

recommend mind body wallet I think every

1014

00:47:24,079 --> 00:47:31,159

skeptic should go at least once to

1015

00:47:27,340 --> 00:47:34,550

engage with what we're is and I think

1016

00:47:31,159 --> 00:47:37,099

that's why we've come but apart from a

1017

00:47:34,550 --> 00:47:39,980

lot of oh and there was a lot of work

1018

00:47:37,099 --> 00:47:41,710

there's also some genuinely nice little

1019

00:47:39,980 --> 00:47:44,409

stalls during food

1020

00:47:41,710 --> 00:47:46,510

no hearing tested by a legit hearing

1021

00:47:44,409 --> 00:47:50,710

testing company and I got some amazing

1022

00:47:46,510 --> 00:47:54,010

ginger staff like yeah I do yeah is it

1023

00:47:50,710 --> 00:47:55,599

in fact I think looking that's my lemon

1024

00:47:54,010 --> 00:47:57,490

lime and ginger drink there's it's

1025

00:47:55,599 --> 00:47:59,650

lovely stuff so yeah I think the general

1026

00:47:57,489 --> 00:48:01,959

consensus is skeptics go to a mind body

1027
00:47:59,650 --> 00:48:03,670
wallet absolutely any on so much not

1028
00:48:01,960 --> 00:48:05,920
only about what's going on but about

1029
00:48:03,670 --> 00:48:08,289
yourself as well like some people can go

1030
00:48:05,920 --> 00:48:09,369
along and just be silent and just listen

1031
00:48:08,289 --> 00:48:11,980
and some people can be a bit

1032
00:48:09,369 --> 00:48:13,300
antagonistic and it's all about testing

1033
00:48:11,980 --> 00:48:16,780
yourself seeing whether you're capable

1034
00:48:13,300 --> 00:48:18,670
of being a well I pretended to be vegan

1035
00:48:16,780 --> 00:48:22,269
for a good five seconds I'll have you

1036
00:48:18,670 --> 00:48:24,730
know look thank you stranger things down

1037
00:48:22,269 --> 00:48:26,739
under for having me along with you if

1038
00:48:24,730 --> 00:48:28,300
your mind body welded experience and I

1039
00:48:26,739 --> 00:48:29,649
look forward to the neat that's all

1040
00:48:28,300 --> 00:48:32,289
right I look forward to the next

1041
00:48:29,650 --> 00:48:36,110
stranger things adventure next weekend

1042
00:48:32,289 --> 00:48:46,059
Oh ghosts right

1043
00:48:36,110 --> 00:48:46,059
[Music]

1044
00:48:46,449 --> 00:48:50,449
hi this is Ben Radford and this is

1045
00:48:48,829 --> 00:48:52,639
Pascual Romero from the squaring the

1046
00:48:50,449 --> 00:48:54,529
strange podcast every week my co-host

1047
00:48:52,639 --> 00:48:56,929
and I cast a skeptical eye at a

1048
00:48:54,530 --> 00:48:58,850
different topic monsters ghosts demons

1049
00:48:56,929 --> 00:49:00,949
mysteries and even current events are

1050
00:48:58,849 --> 00:49:02,989
dissected and discussed with a fun

1051
00:49:00,949 --> 00:49:04,759
unscripted and skeptical take that

1052
00:49:02,989 --> 00:49:07,219
you're sure to enjoy - is squaring

1053
00:49:04,760 --> 00:49:10,330
strange comm iTunes or on your favorite

1054
00:49:07,219 --> 00:49:10,329
podcast platform

1055

00:49:11,719 --> 00:49:22,789
[Music]

1056
00:49:20,650 --> 00:49:25,068
here's another update from the

1057
00:49:22,789 --> 00:49:28,308
Australian skeptics website at skeptics

1058
00:49:25,068 --> 00:49:30,858
calm today you written by Tim Mendham is

1059
00:49:28,309 --> 00:49:36,400
a busy man published on the 23rd of May

1060
00:49:30,858 --> 00:49:40,598
2017 experimental Webster technique

1061
00:49:36,400 --> 00:49:43,369
approved by Chiropractic Australia

1062
00:49:40,599 --> 00:49:46,910
chiropractic is in the news again or

1063
00:49:43,369 --> 00:49:48,140
should that be still in the news the ABC

1064
00:49:46,909 --> 00:49:51,019
radio nationals

1065
00:49:48,139 --> 00:49:53,900
the world today program ran a piece on

1066
00:49:51,019 --> 00:49:56,179
chiropractors who are still advertising

1067
00:49:53,900 --> 00:49:58,940
their provision of the Webster technique

1068
00:49:56,179 --> 00:50:01,250
to pregnant women in defiance of

1069
00:49:58,940 --> 00:50:04,730

warnings from the chiropractic board and

1070

00:50:01,250 --> 00:50:06,920

the College of Obstetricians to stop it

1071

00:50:04,730 --> 00:50:10,789

the Webster technique is used by

1072

00:50:06,920 --> 00:50:13,099

chiropractors to quote adjust when quote

1073

00:50:10,789 --> 00:50:15,980

the spines of pregnant women to quote

1074

00:50:13,099 --> 00:50:18,890

assure normal delivery unquote and to

1075

00:50:15,980 --> 00:50:22,250

prevent breech birth caused by quote

1076

00:50:18,889 --> 00:50:24,618

intrauterine constraint include it

1077

00:50:22,250 --> 00:50:27,619

involves turning the baby within the

1078

00:50:24,619 --> 00:50:31,068

womb according to the website Cairo base

1079

00:50:27,619 --> 00:50:33,950

quote this dubious treatment is based on

1080

00:50:31,068 --> 00:50:36,949

the equally dubious theory that vertical

1081

00:50:33,949 --> 00:50:39,169

subluxations can cause malfunction in

1082

00:50:36,949 --> 00:50:41,629

the uterus by putting pressure on spinal

1083

00:50:39,170 --> 00:50:43,789

nerves reliance on the Webster technique

1084
00:50:41,630 --> 00:50:46,670
during the final weeks of pregnancy can

1085
00:50:43,789 --> 00:50:49,519
endanger both the mother and the child

1086
00:50:46,670 --> 00:50:51,650
end quote in his interview with radio

1087
00:50:49,519 --> 00:50:54,380
national the national president of

1088
00:50:51,650 --> 00:50:56,420
chiropractic Australia rod Bonello

1089
00:50:54,380 --> 00:50:59,630
said that this practice by chiropractors

1090
00:50:56,420 --> 00:51:04,068
is okay because the Webster technique is

1091
00:50:59,630 --> 00:51:06,349
an quote experiment in quote the Webster

1092
00:51:04,068 --> 00:51:08,619
technique quote should be regarded as an

1093
00:51:06,349 --> 00:51:11,059
experimental technique in quote he said

1094
00:51:08,619 --> 00:51:12,230
quote there are many treatments in

1095
00:51:11,059 --> 00:51:14,990
health care across all health

1096
00:51:12,230 --> 00:51:17,329
professions where the evidence is either

1097
00:51:14,989 --> 00:51:19,250
very thin or non-existent and yet

1098
00:51:17,329 --> 00:51:21,890
practitioners still see value in this

1099
00:51:19,250 --> 00:51:24,289
technique banquet later in the interview

1100
00:51:21,889 --> 00:51:25,099
banila said that the problem is that

1101
00:51:24,289 --> 00:51:26,929
chiropractor

1102
00:51:25,099 --> 00:51:30,170
have not updated their advertising

1103
00:51:26,929 --> 00:51:32,480
websites last year campaigner Ken

1104
00:51:30,170 --> 00:51:35,570
MacLeod alerted the Australian health

1105
00:51:32,480 --> 00:51:37,610
practitioner regulation agency and the

1106
00:51:35,570 --> 00:51:40,940
chiropractic Board of Australia to more

1107
00:51:37,610 --> 00:51:43,309
than 100 websites advertising the

1108
00:51:40,940 --> 00:51:45,440
technique he says it's not just an issue

1109
00:51:43,309 --> 00:51:48,110
of the practitioners not updating their

1110
00:51:45,440 --> 00:51:51,380
website quote it's that the board

1111
00:51:48,110 --> 00:51:53,390
doesn't know and doesn't care if the

1112

00:51:51,380 --> 00:51:55,309
chiropractors are performing the Webster

1113
00:51:53,389 --> 00:51:57,500
technique but as long as they don't

1114
00:51:55,309 --> 00:52:00,920
admit to it on their websites

1115
00:51:57,500 --> 00:52:04,130
imagine a major airline saying we don't

1116
00:52:00,920 --> 00:52:07,280
know if our pilots are flying below the

1117
00:52:04,130 --> 00:52:08,980
lowest safe altitudes and don't care as

1118
00:52:07,280 --> 00:52:11,660
long as they don't talk about it

1119
00:52:08,980 --> 00:52:13,990
Manolos comments were flippant and

1120
00:52:11,659 --> 00:52:17,869
possibly dangerous and quote McLeod says

1121
00:52:13,989 --> 00:52:20,269
quote his experiment is outside of

1122
00:52:17,869 --> 00:52:22,609
strictly controlled clinical trials

1123
00:52:20,269 --> 00:52:25,610
there's no control group no ethics

1124
00:52:22,610 --> 00:52:28,430
approval no adverse reactions register

1125
00:52:25,610 --> 00:52:30,650
in his experiment and the chiropractic

1126
00:52:28,429 --> 00:52:32,960

board has never implemented the required

1127

00:52:30,650 --> 00:52:35,570
adverse reactions register for

1128

00:52:32,960 --> 00:52:37,789
chiropractors further chiropractors are

1129

00:52:35,570 --> 00:52:41,120
advertising the Webster technique as a

1130

00:52:37,789 --> 00:52:43,940
safe and effective technique not as an

1131

00:52:41,119 --> 00:52:45,949
experiment this brings in Australian

1132

00:52:43,940 --> 00:52:48,079
Consumer Law as chiropractors in the

1133

00:52:45,949 --> 00:52:51,139
board are engaging in misleading and

1134

00:52:48,079 --> 00:52:53,659
deceptive conduct in quote McLeod says

1135

00:52:51,139 --> 00:52:57,230
he is yet to hear back from the AHPRA or

1136

00:52:53,659 --> 00:52:59,779
CBA quote another reason for a Senate

1137

00:52:57,230 --> 00:53:02,349
inquiry into chiropractic in quote he

1138

00:52:59,780 --> 00:53:02,350
insists

1139

00:53:02,579 --> 00:53:06,299
and that I played comes to us from the

1140

00:53:04,199 --> 00:53:08,980
website of Australian skeptics skeptics

1141
00:53:06,300 --> 00:53:24,260
calm a you

1142
00:53:08,980 --> 00:53:24,260
[Music]

1143
00:53:30,219 --> 00:53:35,419
thank you for listening to the skeptic

1144
00:53:32,510 --> 00:53:37,340
zone and you'll notice that there are

1145
00:53:35,420 --> 00:53:40,760
certainly a lot of sceptical conventions

1146
00:53:37,340 --> 00:53:44,030
and conferences and all sorts of things

1147
00:53:40,760 --> 00:53:47,200
coming up well for the rest of the year

1148
00:53:44,030 --> 00:53:50,540
everywhere from Poland to New York to

1149
00:53:47,199 --> 00:53:51,679
Las Vegas to right here in Sydney with

1150
00:53:50,539 --> 00:53:53,449
the Australian skeptics National

1151
00:53:51,679 --> 00:53:55,669
Convention later in November more news

1152
00:53:53,449 --> 00:53:57,799
about that of course over the next few

1153
00:53:55,670 --> 00:53:59,480
months and in a few weeks I'll be

1154
00:53:57,800 --> 00:54:02,150
looking forward to seeing all my friends

1155
00:53:59,480 --> 00:54:04,250
and skeptics and fans at the Northeast

1156
00:54:02,150 --> 00:54:06,740
Conference of science and skepticism I

1157
00:54:04,250 --> 00:54:08,420
have never been to New York before so

1158
00:54:06,739 --> 00:54:11,179
I'm really looking forward to that and

1159
00:54:08,420 --> 00:54:16,550
lucky me I get to spend a couple of days

1160
00:54:11,179 --> 00:54:19,369
in Connecticut before the event and in

1161
00:54:16,550 --> 00:54:21,380
something as an aside about me I am

1162
00:54:19,369 --> 00:54:23,949
actually very interested in American

1163
00:54:21,380 --> 00:54:26,420
history I find it quite fascinating

1164
00:54:23,949 --> 00:54:27,829
going back to the Revolution

1165
00:54:26,420 --> 00:54:30,200
pre-revolution and some of the

1166
00:54:27,829 --> 00:54:33,349
characters the founding fathers and the

1167
00:54:30,199 --> 00:54:36,379
goings-on of that time period so it'll

1168
00:54:33,349 --> 00:54:38,509
be really interesting for me to be sort

1169

00:54:36,380 --> 00:54:40,490
of amongst some of the the early history

1170
00:54:38,510 --> 00:54:42,320
of the United States but then again I

1171
00:54:40,489 --> 00:54:45,019
find historical things pretty

1172
00:54:42,320 --> 00:54:47,030
interesting in general and I must say as

1173
00:54:45,019 --> 00:54:50,179
the years have gone by the access that

1174
00:54:47,030 --> 00:54:53,870
we all have to information regardless of

1175
00:54:50,179 --> 00:54:56,269
what it is but in my case the finding

1176
00:54:53,869 --> 00:54:58,400
out about history is just increased so

1177
00:54:56,269 --> 00:55:01,219
many folds it's ridiculous

1178
00:54:58,400 --> 00:55:04,789
good old YouTube is awash with quality

1179
00:55:01,219 --> 00:55:07,279
documentaries on on history really good

1180
00:55:04,789 --> 00:55:09,889
stuff BBC documentaries stuff from PBS

1181
00:55:07,280 --> 00:55:11,450
in the States it's a made I mean there's

1182
00:55:09,889 --> 00:55:15,529
a lot of rubbish on YouTube of course a

1183
00:55:11,449 --> 00:55:18,289

lot of conspiracy theory rat bags and

1184

00:55:15,530 --> 00:55:22,430

nut cases and man whatever but there's

1185

00:55:18,289 --> 00:55:24,320

so much good stuff for education right

1186

00:55:22,429 --> 00:55:25,909

sometimes wonder what it would have been

1187

00:55:24,320 --> 00:55:27,410

like if I had access to all this stuff

1188

00:55:25,909 --> 00:55:30,139

when I was going through high school

1189

00:55:27,409 --> 00:55:32,599

maybe I would have done better before I

1190

00:55:30,139 --> 00:55:35,089

leave you I noticed that his new bunga

1191

00:55:32,599 --> 00:55:38,119

bunga podcast out by Maynard and Tim

1192

00:55:35,090 --> 00:55:40,309

Ferguson at Maynard comdatais you they

1193

00:55:38,119 --> 00:55:41,569

record that in the Madame frou frou cafe

1194

00:55:40,309 --> 00:55:43,429

in glebe

1195

00:55:41,570 --> 00:55:47,330

we Point Road this is not an ad for the

1196

00:55:43,429 --> 00:55:48,859

cafe but I often find myself there to do

1197

00:55:47,329 --> 00:55:51,170

work on the skeptic zone or write

1198
00:55:48,860 --> 00:55:55,370
reports or whatever having a wonderful

1199
00:55:51,170 --> 00:55:58,369
coffee it's it's a nice little cafe with

1200
00:55:55,369 --> 00:56:00,019
with friendly staff and always lots of

1201
00:55:58,369 --> 00:56:02,659
laughs and it's great to catch up with

1202
00:56:00,019 --> 00:56:05,509
men are the Madame frou frou cafe maybe

1203
00:56:02,659 --> 00:56:08,629
I should make this a commercial in fact

1204
00:56:05,510 --> 00:56:10,220
one of my one of my little pleasures in

1205
00:56:08,630 --> 00:56:12,050
life is to go there and have a nice flat

1206
00:56:10,219 --> 00:56:14,329
white coffee and they always make

1207
00:56:12,050 --> 00:56:16,880
wonderful coffee out for me and a couple

1208
00:56:14,329 --> 00:56:18,199
of slices of peanut butter toast oh yeah

1209
00:56:16,880 --> 00:56:21,320
well I'm going to think about that for

1210
00:56:18,199 --> 00:56:23,509
the next week and but until then this is

1211
00:56:21,320 --> 00:56:29,809
Richard Saunders signing off from Sydney

1212
00:56:23,510 --> 00:56:32,420
Australia you've been listening to the

1213
00:56:29,809 --> 00:56:36,259
skeptic zone podcast visit our website

1214
00:56:32,420 --> 00:56:39,590
at WWF Tech's on TV for contacts and

1215
00:56:36,260 --> 00:56:42,710
archive of all episodes since 2008 and

1216
00:56:39,590 --> 00:56:44,750
our online store please support the

1217
00:56:42,710 --> 00:56:48,110
skeptic zone by following us on twitter

1218
00:56:44,750 --> 00:56:50,719
at skeptic zone liking us on facebook

1219
00:56:48,110 --> 00:56:52,940
and leaving a review on itunes

1220
00:56:50,719 --> 00:56:55,730
you can also show your support by

1221
00:56:52,940 --> 00:56:59,360
subscribing via paypal for as little as

1222
00:56:55,730 --> 00:57:01,579
99 cents a week the skeptic zone is an

1223
00:56:59,360 --> 00:57:03,470
independent production the views and

1224
00:57:01,579 --> 00:57:05,539
opinions expressed on the skeptic zone

1225
00:57:03,469 --> 00:57:08,569
and not necessarily those Australian

1226

00:57:05,539 --> 00:57:11,380
skeptics Inc or any other skeptical

1227
00:57:08,570 --> 00:57:11,380
organisation