

**THE
SKEPTIC
ZONE
PODCAST**

www.skepticzone.tv

1
00:00:09,100 --> 00:00:05,980

[Music]

2
00:00:11,840 --> 00:00:09,110

welcome to the skeptic zone the podcast

3
00:00:13,910 --> 00:00:11,850

from Australia for science and reason

4
00:00:16,880 --> 00:00:13,920

[Music]

5
00:00:22,560 --> 00:00:16,890

[Applause]

6
00:00:25,269 --> 00:00:22,570

[Music]

7
00:00:33,220 --> 00:00:25,279

hello and welcome to the skeptic Zone

8
00:00:35,650 --> 00:00:33,230

episode number 449 wohoo 449 almost 450

9
00:00:38,650 --> 00:00:35,660

I suppose that means something for the

10
00:00:42,130 --> 00:00:38,660

28th of May 2017 Richard Saunders here

11
00:00:46,000 --> 00:00:42,140

with you from our delightful Sydney

12
00:00:48,610 --> 00:00:46,010

Australia but a cloud in the sky not hot

13
00:00:49,780 --> 00:00:48,620

not cold very nice weather on this

14

00:00:51,910 --> 00:00:49,790

week's show we're going to look at the

15

00:00:55,360 --> 00:00:51,920

story just in the last week now the

16

00:00:57,369 --> 00:00:55,370

movie Baxter which we've discussed on

17

00:01:02,350 --> 00:00:57,379

the show before is currently touring New

18

00:01:04,060 --> 00:01:02,360

Zealand now why it is I don't know why

19

00:01:06,310 --> 00:01:04,070

the producers don't make it free online

20

00:01:08,499 --> 00:01:06,320

so people can just watch it if they want

21

00:01:10,210 --> 00:01:08,509

to I don't know it is online anyone who

22

00:01:13,469 --> 00:01:10,220

can watch it if you'd search for VAX if

23

00:01:17,650 --> 00:01:13,479

you care to but know they peddle this

24

00:01:19,510 --> 00:01:17,660

this torrid piece of pretend documentary

25

00:01:22,600 --> 00:01:19,520

around the regions in different

26
00:01:24,430 --> 00:01:22,610
countries to drum up support look where

27
00:01:25,900 --> 00:01:24,440
daring to show you this come and see the

28
00:01:28,300 --> 00:01:25,910
movie they don't want you to see yada

29
00:01:30,160 --> 00:01:28,310
yada yada anyway so it's touring New

30
00:01:32,139 --> 00:01:30,170
Zealand and we're going to bring you via

31
00:01:33,820 --> 00:01:32,149
the raw skeptic report with Heidi

32
00:01:37,540 --> 00:01:33,830
Robertson the story of dr. Lance

33
00:01:43,449 --> 00:01:37,550
O'Sullivan who lipped up onstage before

34
00:01:45,520 --> 00:01:43,459
a screening of VAX t' to protest and lay

35
00:01:47,889 --> 00:01:45,530
it on the line for those people in the

36
00:01:50,139 --> 00:01:47,899
audience of his views and opinions of

37
00:01:52,690 --> 00:01:50,149
this wretched documentary and the harm

38
00:01:56,499 --> 00:01:52,700

it is doing we have some of the audio of

39

00:01:59,080 --> 00:01:56,509

that that protest and this is from a

40

00:02:00,940 --> 00:01:59,090

former New Zealand er of the year a

41

00:02:03,070 --> 00:02:00,950

protest in the name of science and

42

00:02:05,139 --> 00:02:03,080

reason to kick off this week's skeptic

43

00:02:06,760 --> 00:02:05,149

zone following that an update to the

44

00:02:10,029 --> 00:02:06,770

story we brought you last week of the

45

00:02:12,930 --> 00:02:10,039

little boy who was rescued by the

46

00:02:16,780 --> 00:02:12,940

authorities from his parents who I

47

00:02:20,350 --> 00:02:16,790

didn't seem able or willing to provide

48

00:02:23,350 --> 00:02:20,360

him with the proper care he was in need

49

00:02:27,070 --> 00:02:23,360

of and there are storms of protest and

50

00:02:27,610 --> 00:02:27,080

all sorts of conspiracy theories and

51

00:02:30,100 --> 00:02:27,620

cries

52

00:02:31,509 --> 00:02:30,110

going on just bring you up to date and

53

00:02:33,460 --> 00:02:31,519

what's happening with that story and to

54

00:02:35,830 --> 00:02:33,470

stress we do not name the people

55

00:02:37,960 --> 00:02:35,840

involved for legal reasons

56

00:02:39,520 --> 00:02:37,970

I know laws differ from country to

57

00:02:42,190 --> 00:02:39,530

country but in Australia if the court

58

00:02:43,899 --> 00:02:42,200

says that you cannot name people

59

00:02:46,240 --> 00:02:43,909

involved in a case for various legal

60

00:02:48,610 --> 00:02:46,250

reasons well that's sort of what you do

61

00:02:51,399 --> 00:02:48,620

then it's brouhaha from Australia

62

00:02:54,520 --> 00:02:51,409

science got TV this week with Casey

63

00:02:56,440 --> 00:02:54,530

Harrigan and an interview with Casey

64

00:03:00,520 --> 00:02:56,450

Harrigan we catch up with one of the

65

00:03:02,589 --> 00:03:00,530

brouhaha team Casey Harrigan who often

66

00:03:05,080 --> 00:03:02,599

appears on the skeptic zone we're gonna

67

00:03:06,759 --> 00:03:05,090

find out what she does at at the

68

00:03:09,039 --> 00:03:06,769

Australia Science Channel how they make

69

00:03:10,690 --> 00:03:09,049

brouhaha how they choose their stories a

70

00:03:13,599 --> 00:03:10,700

great little interview coming up later

71

00:03:17,680 --> 00:03:13,609

on with Casey Harrigan also this week a

72

00:03:20,979 --> 00:03:17,690

little report on the mind body wallet oh

73

00:03:23,949 --> 00:03:20,989

yes I swore I'd never go back well I

74

00:03:27,940 --> 00:03:23,959

didn't but I've gone so many times now

75

00:03:30,729 --> 00:03:27,950

hmm so together with some of these

76

00:03:33,400 --> 00:03:30,739

stranger things down under Facebook

77

00:03:36,490 --> 00:03:33,410

group here in Sydney we venture venture

78

00:03:39,190 --> 00:03:36,500

down into mind body wallet and this year

79

00:03:41,080 --> 00:03:39,200

it's in a new venue in darling harbour

80

00:03:44,229 --> 00:03:41,090

in Sydney in a new exhibition centre and

81

00:03:48,119 --> 00:03:44,239

you go down down the escalators the long

82

00:03:52,390 --> 00:03:48,129

escalators you descend into the bizarre

83

00:03:54,970 --> 00:03:52,400

realms of mind body wallet little report

84

00:03:56,289 --> 00:03:54,980

about that coming up a bit later on then

85

00:03:59,710 --> 00:03:56,299

to round off the show a little update

86

00:04:04,710 --> 00:03:59,720

from the Australian skeptics about some

87

00:04:08,409 --> 00:04:04,720

worrying chiropractic advice or a

88

00:04:10,629 --> 00:04:08,419

technique which looks like it's being

89

00:04:13,360 --> 00:04:10,639

recommended by the chiropractic

90

00:04:16,659 --> 00:04:13,370

authorities it's all about trying to

91

00:04:20,620 --> 00:04:16,669

change positions of babies in the womb

92

00:04:22,420 --> 00:04:20,630

and some you'll hear about later on to

93

00:04:25,870 --> 00:04:22,430

round off this week's show it's called

94

00:04:27,400 --> 00:04:25,880

the Webster technique now over the last

95

00:04:30,250 --> 00:04:27,410

couple of days I've been doing a lot of

96

00:04:33,159 --> 00:04:30,260

walking I've been doing some work down

97

00:04:35,080 --> 00:04:33,169

in darling harbour here in City which

98

00:04:38,050 --> 00:04:35,090

requires me to do a lot of walking I

99

00:04:39,580 --> 00:04:38,060

won't get into that and I was in need of

100

00:04:41,140 --> 00:04:39,590

something to listen to because there are

101
00:04:43,720 --> 00:04:41,150
endless skeptical

102
00:04:46,060 --> 00:04:43,730
us I can recommend the skeptics guide to

103
00:04:49,570 --> 00:04:46,070
the universe skeptoid I never miss an

104
00:04:52,450 --> 00:04:49,580
episode of our there's the our friends

105
00:04:54,490 --> 00:04:52,460
at skepticism there's the European

106
00:04:56,050 --> 00:04:54,500
outlook it goes on and on and on hello

107
00:04:59,350 --> 00:04:56,060
Michael Marshall hello everybody who

108
00:05:02,850 --> 00:04:59,360
does skeptical podcast geo there's so

109
00:05:06,040 --> 00:05:02,860
many but what I did recently was I

110
00:05:07,600 --> 00:05:06,050
downloaded all the videos made by dr.

111
00:05:09,370 --> 00:05:07,610
Harriet hall which we advertise

112
00:05:13,960 --> 00:05:09,380
frequently on the skeptic zone you'll

113
00:05:16,990 --> 00:05:13,970

remember this dr. Harriet Hall MD no

114

00:05:19,030 --> 00:05:17,000

into thousands as the skeptic a retired

115

00:05:22,180 --> 00:05:19,040

family physician and former Air Force

116

00:05:24,130 --> 00:05:22,190

flight surgeon she writes about medicine

117

00:05:27,730 --> 00:05:24,140

so-called complementary and alternative

118

00:05:31,090 --> 00:05:27,740

medicine science quackery and critical

119

00:05:33,280 --> 00:05:31,100

thinking Harriet now has a free course a

120

00:05:35,830 --> 00:05:33,290

series of ten video lectures on

121

00:05:38,500 --> 00:05:35,840

science-based medicine and alternative

122

00:05:40,930 --> 00:05:38,510

medicine the videos and an accompanying

123

00:05:44,490 --> 00:05:40,940

course guide can be found by following

124

00:05:49,510 --> 00:05:44,500

the link at skip doc info or by visiting

125

00:05:54,010 --> 00:05:49,520

web Randi's org slash educational -

126

00:05:56,800 --> 00:05:54,020

modules dot html' ty coded all those

127

00:05:59,650 --> 00:05:56,810

videos - mp3s loaded them into my iPhone

128

00:06:01,840 --> 00:05:59,660

and a way I went now occasionally

129

00:06:03,760 --> 00:06:01,850

Harriet will refer to charts and graphs

130

00:06:06,310 --> 00:06:03,770

and pictures and things like that during

131

00:06:09,880 --> 00:06:06,320

the videos but not often and in fact you

132

00:06:11,980 --> 00:06:09,890

can glean just about everything from

133

00:06:13,540 --> 00:06:11,990

simply listening the Harriet Hall give

134

00:06:17,080 --> 00:06:13,550

these lectures and they're really good

135

00:06:18,970 --> 00:06:17,090

and I think my aim is now to watch them

136

00:06:23,080 --> 00:06:18,980

or listen to them at least once a year

137

00:06:25,150 --> 00:06:23,090

to refresh myself lots of good advice

138

00:06:27,250 --> 00:06:25,160

lots of grounding in good signs there

139

00:06:29,020 --> 00:06:27,260

from Harriet Hall and I understood a lot

140

00:06:34,270 --> 00:06:29,030

more after watching and listening to

141

00:06:37,150 --> 00:06:34,280

these these this series of videos and

142

00:06:39,220 --> 00:06:37,160

now for me anyway audio so I can

143

00:06:40,780 --> 00:06:39,230

thoroughly recommend those especially

144

00:06:42,520 --> 00:06:40,790

after going to mind body wallet

145

00:06:45,130 --> 00:06:42,530

well it's enough of me at the moment I'm

146

00:06:49,630 --> 00:06:45,140

going to run downstairs I'm going to get

147

00:06:52,380 --> 00:06:49,640

a packet of chicken soup and mix it I

148

00:06:55,060 --> 00:06:52,390

know I know this is pretty daring stuff

149

00:06:57,100 --> 00:06:55,070

you better take the children out of the

150

00:07:01,420 --> 00:06:57,110

right now I'm going to mix it with a

151
00:07:04,200 --> 00:07:01,430
packet of pumpkin soup mm-hmm I know I'm

152
00:07:07,180 --> 00:07:04,210
going to add a few chili flakes on top

153
00:07:12,060 --> 00:07:07,190
kind of toast some sourdough bread a

154
00:07:16,990 --> 00:07:12,070
little bit of butter on that and happily

155
00:07:39,100 --> 00:07:17,000
feast on that while you feast on the

156
00:07:47,470 --> 00:07:39,110
sceptic zone it's the raw skeptic report

157
00:07:51,020 --> 00:07:49,070
hello everyone

158
00:07:54,440 --> 00:07:51,030
Heidi Robertson here from the Northern

159
00:07:57,050 --> 00:07:54,450
Rivers vaccination supporters I do

160
00:08:00,200 --> 00:07:57,060
believe that at the end of my last

161
00:08:02,330 --> 00:08:00,210
report I said I would hopefully be doing

162
00:08:06,290 --> 00:08:02,340
another report soon perhaps even non

163
00:08:08,240 --> 00:08:06,300

vaccine related well there were a few

164

00:08:10,760 --> 00:08:08,250

things going on this past week that were

165

00:08:15,380 --> 00:08:10,770

vaccine related that should be reported

166

00:08:17,800 --> 00:08:15,390

on so there goes that business have no

167

00:08:22,460 --> 00:08:17,810

doubt heard of the air quotes

168

00:08:27,980 --> 00:08:22,470

documentary waxed if you haven't here is

169

00:08:32,900 --> 00:08:27,990

a quick recap and I quote from a TVNZ

170

00:08:36,380 --> 00:08:32,910

dot co dot NZ article that has reported

171

00:08:40,730 --> 00:08:36,390

on the story this week quote the film

172

00:08:43,550 --> 00:08:40,740

faxed is a 2016 American film from

173

00:08:47,060 --> 00:08:43,560

anti-vaccination activists Dell victory

174

00:08:49,310 --> 00:08:47,070

and Andrew Wakefield it was widely

175

00:08:52,310 --> 00:08:49,320

criticized by the scientific community

176
00:08:55,930 --> 00:08:52,320
upon its release with various reviews

177
00:08:58,820 --> 00:08:55,940
saying it cherry-picked facts relied on

178
00:09:01,240 --> 00:08:58,830
unsubstantiated claims and used

179
00:09:04,040 --> 00:09:01,250
emotional pleas and context-free

180
00:09:07,940 --> 00:09:04,050
statistics to get its message across

181
00:09:10,210 --> 00:09:07,950
end quote mr. Andrew Wakefield as you

182
00:09:13,100 --> 00:09:10,220
recall is the former UK

183
00:09:15,650 --> 00:09:13,110
gastroenterologist that first proposed a

184
00:09:17,660 --> 00:09:15,660
link between vaccines and autism with

185
00:09:19,790 --> 00:09:17,670
the release of a fraudulent study of 12

186
00:09:23,240 --> 00:09:19,800
children that was later attracted by the

187
00:09:25,670 --> 00:09:23,250
journal the lancet Wakefield was

188
00:09:27,200 --> 00:09:25,680

stripped of his medical license when it

189

00:09:30,740 --> 00:09:27,210

was revealed that he had manipulated

190

00:09:33,820 --> 00:09:30,750

data and performed unnecessary and

191

00:09:36,710 --> 00:09:33,830

unethical procedures on children

192

00:09:38,630 --> 00:09:36,720

including paying their money in order to

193

00:09:40,010 --> 00:09:38,640

draw blood from them at his son's

194

00:09:43,190 --> 00:09:40,020

birthday party

195

00:09:45,920 --> 00:09:43,200

as an aside Wakefield said he thought it

196

00:09:48,500 --> 00:09:45,930

was okay ethically to do that as it

197

00:09:53,540 --> 00:09:48,510

wasn't a payment of five pounds each to

198

00:09:56,720 --> 00:09:53,550

the kids it was a quote reward Wakefield

199

00:09:58,610 --> 00:09:56,730

also stood to gain financially if he

200

00:10:00,500 --> 00:09:58,620

produced data that showed there were

201
00:10:03,080 --> 00:10:00,510
the link between the MMR vaccine and

202
00:10:05,540 --> 00:10:03,090
autism he had already applied for a

203
00:10:08,810 --> 00:10:05,550
patent for a single measles vaccine in

204
00:10:11,720 --> 00:10:08,820
preparation for the ensuing storm that

205
00:10:13,640 --> 00:10:11,730
was about to erupt and he had other

206
00:10:16,370 --> 00:10:13,650
competing financial conflicts of

207
00:10:20,540 --> 00:10:16,380
interest that were not disclosed at the

208
00:10:22,940 --> 00:10:20,550
time and in case there is ask Eric of

209
00:10:25,970 --> 00:10:22,950
doubt in the minds of anyone it is a

210
00:10:29,000 --> 00:10:25,980
fact that multiple studies in multiple

211
00:10:31,790 --> 00:10:29,010
countries covering multiple decades with

212
00:10:34,400 --> 00:10:31,800
multiple research groups using multiple

213
00:10:37,300 --> 00:10:34,410

research models and multiple funding

214

00:10:39,320 --> 00:10:37,310

sources have found no link between

215

00:10:42,920 --> 00:10:39,330

vaccines and autism

216

00:10:46,640 --> 00:10:42,930

so with Wakefield's history and

217

00:10:49,460 --> 00:10:46,650

reputation being shall we say less than

218

00:10:52,640 --> 00:10:49,470

stellar it is hard to believe how anyone

219

00:10:56,630 --> 00:10:52,650

could take this air quotes documentary

220

00:10:58,730 --> 00:10:56,640

seriously okay there is the background

221

00:11:01,670 --> 00:10:58,740

which I'm sure most of you are already

222

00:11:03,500 --> 00:11:01,680

well aware of however seeing as the

223

00:11:06,650 --> 00:11:03,510

skeptic zone has new listeners all the

224

00:11:09,860 --> 00:11:06,660

time I thought it might be important to

225

00:11:12,530 --> 00:11:09,870

repeat some of the facts so vexed is

226
00:11:15,770 --> 00:11:12,540
currently screening in New Zealand and

227
00:11:19,340 --> 00:11:15,780
in New Zealand we have a dr. Lance

228
00:11:22,190 --> 00:11:19,350
O'Sullivan 2014 New Zealand er of the

229
00:11:24,920 --> 00:11:22,200
year who has emerged as a public health

230
00:11:30,890 --> 00:11:24,930
champion after what he did during the

231
00:11:37,700 --> 00:11:30,900
last week on the 24th of May 2017 and I

232
00:11:40,520 --> 00:11:37,710
quote again from TV in 0 NZ dr. Lance

233
00:11:43,690 --> 00:11:40,530
O'Sullivan interrupted a controversial

234
00:11:47,000 --> 00:11:43,700
screening for anti vaccination

235
00:11:49,250 --> 00:11:47,010
documentary waxed in Kaitaia last night

236
00:11:51,590 --> 00:11:49,260
with a passionate speech telling the

237
00:11:54,800 --> 00:11:51,600
organisers they are contributing to

238
00:11:58,550 --> 00:11:54,810

deaths before performing a defiant

239

00:12:00,410 --> 00:11:58,560

Harker end quote now the Harker for

240

00:12:03,530 --> 00:12:00,420

overseas listeners who may not have

241

00:12:22,530 --> 00:12:03,540

heard about it is a traditional war cry

242

00:12:27,150 --> 00:12:25,320

if you're a fan of rugby you may have

243

00:12:29,160 --> 00:12:27,160

heard the New Zealand team the All

244

00:12:31,500 --> 00:12:29,170

Blacks performing the haka at the

245

00:12:35,190 --> 00:12:31,510

beginning of their matches and if you

246

00:12:39,690 --> 00:12:35,200

haven't I highly recommend you google it

247

00:12:42,660 --> 00:12:39,700

watch it the haka has evolved since to

248

00:12:45,960 --> 00:12:42,670

now have several different meanings one

249

00:12:48,420 --> 00:12:45,970

of these meanings is a triumph of life

250

00:12:51,290 --> 00:12:48,430

over death which is quite appropriate

251
00:12:53,490 --> 00:12:51,300
given the content of dr. O'Sullivan

252
00:12:55,830 --> 00:12:53,500
statements to the people that attended

253
00:13:00,570 --> 00:12:55,840
this particular screening of the air

254
00:13:04,200 --> 00:13:00,580
quotes documentary Bakst continuing with

255
00:13:07,050 --> 00:13:04,210
the article quote dr. O'Sullivan was

256
00:13:09,210 --> 00:13:07,060
invited to watch along with a number of

257
00:13:11,760 --> 00:13:09,220
other health professionals but took the

258
00:13:14,850 --> 00:13:11,770
chance to step onto the stage and share

259
00:13:17,580 --> 00:13:14,860
his views on the topic he said there is

260
00:13:19,620 --> 00:13:17,590
absolutely no evidence vaccines cause

261
00:13:22,290 --> 00:13:19,630
autism and he is concerned for his

262
00:13:24,750 --> 00:13:22,300
community because immunisation is safe

263
00:13:30,560 --> 00:13:24,760

and extremely important for children I

264

00:13:38,210 --> 00:13:30,570

uh I've come here also watch the film

265

00:13:45,050 --> 00:13:38,220

not to watch the film but to continue my

266

00:13:49,860 --> 00:13:45,060

battle and my challenge for my people

267

00:13:51,070 --> 00:13:49,870

and importantly for our children Tommy

268

00:13:55,480 --> 00:13:51,080

Bookman

269

00:13:58,810 --> 00:13:55,490

and I said in my quarter - I said I come

270

00:14:05,100 --> 00:13:58,820

here with a lot of anger in a lot of

271

00:14:11,730 --> 00:14:05,110

vibe yeah typically and that's because I

272

00:14:19,750 --> 00:14:15,690

this position this idea of

273

00:14:22,030 --> 00:14:19,760

internalization has killed tilt around

274

00:14:25,060 --> 00:14:22,040

the world and actually will continue to

275

00:14:26,680 --> 00:14:25,070

kill children who are these parents and

276

00:14:30,660 --> 00:14:26,690

put off immunisation because of

277

00:14:34,990 --> 00:14:30,670

misinformation misinformation based on

278

00:14:39,790 --> 00:14:35,000

life is quite frankly by fraudulent

279

00:14:42,370 --> 00:14:39,800

people for the article continues dr.

280

00:14:45,690 --> 00:14:42,380

O'Sullivan has since been criticised for

281

00:14:49,449 --> 00:14:45,700

his actions on social media with the

282

00:14:55,030 --> 00:14:49,459

warning against vaccination expectation

283

00:14:57,760 --> 00:14:55,040

group aka waves who posted quote Tricia

284

00:15:00,880 --> 00:14:57,770

chill the event organiser was verbally

285

00:15:02,860 --> 00:15:00,890

attacked bullied and threatened by Lance

286

00:15:05,500 --> 00:15:02,870

O'Sullivan at the VAX

287

00:15:07,569 --> 00:15:05,510

screening last night dr. Lance

288

00:15:11,010 --> 00:15:07,579

O'Sullivan came into the cinema under

289

00:15:13,269 --> 00:15:11,020

false pretenses of watching the movie

290

00:15:15,400 --> 00:15:13,279

Lawrence backers who works with

291

00:15:18,370 --> 00:15:15,410

intellectually handicapped in high needs

292

00:15:21,519 --> 00:15:18,380

people at Hawke's Bay wrote that dr.

293

00:15:25,030 --> 00:15:21,529

Sullivan is a farmer [h__h] and a

294

00:15:29,230 --> 00:15:25,040

disgrace to his profession before adding

295

00:15:30,720 --> 00:15:29,240

New Zealand er of the year my ass end

296

00:15:34,930 --> 00:15:30,730

quote

297

00:15:37,120 --> 00:15:34,940

dr. Helen pertussis Harris works at the

298

00:15:39,310 --> 00:15:37,130

immunisation advisory Center in New

299

00:15:42,420 --> 00:15:39,320

Zealand is a senior lecturer at the

300

00:15:45,280 --> 00:15:42,430

University of Auckland and has a PhD in

301
00:15:49,960 --> 00:15:45,290
vaccinology she was quoted in an article

302
00:15:53,860 --> 00:15:49,970
on news hub code NZ on the 25th of May

303
00:15:56,380 --> 00:15:53,870
quote the community needs screenings of

304
00:15:59,939 --> 00:15:56,390
the manipulative Pro disease film VAX

305
00:16:04,840 --> 00:15:59,949
like a kick in the guts end quote and

306
00:16:06,340 --> 00:16:04,850
quote while VAX is a film that will

307
00:16:08,559 --> 00:16:06,350
well two people who believe that the

308
00:16:10,960 --> 00:16:08,569
moon landing was filmed in a Hollywood

309
00:16:14,319 --> 00:16:10,970
basement and reject the warming of the

310
00:16:16,689 --> 00:16:14,329
planet as a fact it will also scare good

311
00:16:19,059 --> 00:16:16,699
decent parents who want to do the best

312
00:16:22,059 --> 00:16:19,069
for their kids this is what makes the

313
00:16:24,970 --> 00:16:22,069

whole thing stink so badly their

314

00:16:27,490 --> 00:16:24,980

promoters are so despicable that they

315

00:16:29,920 --> 00:16:27,500

even targeted Somali refugees in a

316

00:16:33,670 --> 00:16:29,930

community in u.s. Minnesota with

317

00:16:35,379 --> 00:16:33,680

devastating consequences now there is a

318

00:16:38,259 --> 00:16:35,389

measles outbreak and kids are in

319

00:16:40,990 --> 00:16:38,269

hospital this is not really what we want

320

00:16:42,490 --> 00:16:41,000

in our New Zealand communities I do not

321

00:16:46,090 --> 00:16:42,500

believe that showing the film represents

322

00:16:47,769 --> 00:16:46,100

free speech because all over the country

323

00:16:49,629 --> 00:16:47,779

the organizers have done everything in

324

00:16:53,769 --> 00:16:49,639

their power to prevent any challenges

325

00:16:56,499 --> 00:16:53,779

with covert screenings at Auckland the

326

00:16:58,030 --> 00:16:56,509

organizers began by issuing a warning to

327

00:17:00,430 --> 00:16:58,040

the audience that if they wanted to make

328

00:17:04,360 --> 00:17:00,440

trouble they had people posted

329

00:17:07,750 --> 00:17:04,370

throughout the theater and quote she

330

00:17:09,730 --> 00:17:07,760

goes on to say the film in question has

331

00:17:13,569 --> 00:17:09,740

as much scientific fact in it as a

332

00:17:16,090 --> 00:17:13,579

b-grade zombie film yet it is so

333

00:17:18,880 --> 00:17:16,100

manipulative it manages to persuade

334

00:17:22,809 --> 00:17:18,890

people that it's insidious messages are

335

00:17:26,649 --> 00:17:22,819

somehow true and quote and further on in

336

00:17:29,500 --> 00:17:26,659

the article she adds Lance said babies

337

00:17:31,600 --> 00:17:29,510

will die he is not extremists it is true

338

00:17:33,640 --> 00:17:31,610

the impact of the anti-vaccination

339

00:17:37,450 --> 00:17:33,650

movement has been documented for over

340

00:17:39,669 --> 00:17:37,460

200 years the consequences of the recent

341

00:17:42,039 --> 00:17:39,679

activity against MMR vaccine have

342

00:17:45,580 --> 00:17:42,049

included deaths from measles it is

343

00:17:46,990 --> 00:17:45,590

purely a numbers game about 1 per 1000

344

00:17:50,860 --> 00:17:47,000

cases will die

345

00:17:53,980 --> 00:17:50,870

the last outbreak in Auckland 23% of

346

00:17:56,620 --> 00:17:53,990

cases went to hospital which case number

347

00:17:59,919 --> 00:17:56,630

will be the one who dies the outbreak

348

00:18:01,930 --> 00:17:59,929

cost untold millions to manage the world

349

00:18:04,450 --> 00:18:01,940

is trying to eliminate measles a major

350

00:18:06,880 --> 00:18:04,460

killer the people who promote VAX

351

00:18:09,930 --> 00:18:06,890

are trying to fort the efforts does this

352

00:18:12,960 --> 00:18:09,940

make them Pro measles well yeah and

353

00:18:16,149 --> 00:18:12,970

again later in the article she says

354

00:18:18,820 --> 00:18:16,159

quote it must also be highlighted for

355

00:18:19,950 --> 00:18:18,830

the millionth time the Andrew wait

356

00:18:23,500 --> 00:18:19,960

filled the director of this film

357

00:18:25,210 --> 00:18:23,510

falsified data lied performed invasive

358

00:18:27,820 --> 00:18:25,220

painful procedures on children without

359

00:18:30,509 --> 00:18:27,830

ethical approval and did not declare

360

00:18:32,620 --> 00:18:30,519

massive financial conflicts of interest

361

00:18:35,799 --> 00:18:32,630

he has lost his license to practice

362

00:18:38,880 --> 00:18:35,809

medicine and remains unsupported by any

363

00:18:43,990 --> 00:18:38,890

respected expert in either vaccines or

364

00:18:45,909 --> 00:18:44,000

autism and quote this is not the first

365

00:18:47,649 --> 00:18:45,919

time that dr. O'Sullivan has stood up

366

00:18:50,320 --> 00:18:47,659

publicly and condemned the anti

367

00:18:53,830 --> 00:18:50,330

vaccination crowd in an article by the

368

00:18:56,529 --> 00:18:53,840

New Zealand Herald last month referring

369

00:18:59,560 --> 00:18:56,539

to the upcoming screenings of the air

370

00:19:02,649 --> 00:18:59,570

quotes documentary Bakst he was quoted

371

00:19:05,340 --> 00:19:02,659

as follows I would really like to know

372

00:19:08,320 --> 00:19:05,350

what it is they need to hide he said

373

00:19:10,180 --> 00:19:08,330

adding that waives New Zealand which

374

00:19:11,950 --> 00:19:10,190

described itself as a charitable

375

00:19:14,830 --> 00:19:11,960

organisation was not a registered

376

00:19:16,930 --> 00:19:14,840

charity is it the fact that the director

377

00:19:20,490 --> 00:19:16,940

of the film Andrew Wakefield is a

378

00:19:24,340 --> 00:19:20,500

discredited scientist and quote

379

00:19:27,490 --> 00:19:24,350

Wakefield's 1998 Lancet Research had

380

00:19:29,680 --> 00:19:27,500

been described by dr. Dennis K Flaherty

381

00:19:34,269 --> 00:19:29,690

of the University of Charleston as

382

00:19:36,370 --> 00:19:34,279

having created a public health crisis he

383

00:19:39,639 --> 00:19:36,380

called his publication quote the most

384

00:19:42,879 --> 00:19:39,649

damaging medical hoax of the last 100

385

00:19:46,419 --> 00:19:42,889

years and quote and from the same

386

00:19:48,899 --> 00:19:46,429

article dr. O'Sullivan again quote last

387

00:19:52,120 --> 00:19:48,909

year's measles outbreak in the Waikato

388

00:19:55,000 --> 00:19:52,130

where seventy one of the eighty-nine

389

00:19:57,070 --> 00:19:55,010

victims had not been vaccinated is a

390

00:19:59,639 --> 00:19:57,080

good example of how preventable disease

391

00:20:02,590 --> 00:19:59,649

can take hold in a community he said

392

00:20:05,440 --> 00:20:02,600

calling on waves New Zealand to quote

393

00:20:07,659 --> 00:20:05,450

come out of the closet and allow parents

394

00:20:10,389 --> 00:20:07,669

to make an informed decision all

395

00:20:12,580 --> 00:20:10,399

children in our community deserve to be

396

00:20:14,799 --> 00:20:12,590

protected by a best-practice decision

397

00:20:18,430 --> 00:20:14,809

and best practice means immunizing

398

00:20:21,549 --> 00:20:18,440

children he said since the events of

399

00:20:25,269 --> 00:20:21,559

this week and dr. Sullivan's comments

400

00:20:27,789 --> 00:20:25,279

hit the press he has copped the expected

401
00:20:31,350 --> 00:20:27,799
online abuse from the anti vaccination

402
00:20:32,560 --> 00:20:31,360
community including one particularly

403
00:20:35,470 --> 00:20:32,570
nasty

404
00:20:38,260 --> 00:20:35,480
winter who brought dr. O'Sullivan's son

405
00:20:40,420 --> 00:20:38,270
into the argument his son has been

406
00:20:42,720 --> 00:20:40,430
diagnosed with a progressive muscular

407
00:20:46,540 --> 00:20:42,730
dystrophy which will tragically

408
00:20:48,880 --> 00:20:46,550
ultimately result in his death the

409
00:20:52,080 --> 00:20:48,890
commenter sarcastically asked if there

410
00:20:54,100 --> 00:20:52,090
was a vaccine for his son's condition

411
00:20:56,020 --> 00:20:54,110
those of us familiar with the

412
00:20:59,050 --> 00:20:56,030
anti-vaccination movement will not be

413
00:21:02,500 --> 00:20:59,060

surprised by such a heartless callous

414

00:21:04,750 --> 00:21:02,510

comment when the Northern Rivers

415

00:21:07,780 --> 00:21:04,760

vaccination supporters heard about dr.

416

00:21:11,470 --> 00:21:07,790

O'Sullivan's brave statements we wrote

417

00:21:14,740 --> 00:21:11,480

him an email of support and thanks which

418

00:21:17,500 --> 00:21:14,750

we hope will go some way towards showing

419

00:21:21,070 --> 00:21:17,510

him that he has the pro vaccination

420

00:21:23,320 --> 00:21:21,080

community right behind him and that's

421

00:21:25,810 --> 00:21:23,330

all from me for this week this has been

422

00:21:30,700 --> 00:21:25,820

Heidi Robertson from the Northern Rivers

423

00:21:34,120 --> 00:21:30,710

vaccination supporters WWN our VSD info

424

00:21:37,880 --> 00:21:34,130

and you can also find us on Facebook and

425

00:21:56,549 --> 00:21:37,890

Twitter thanks for listening bye for now

426
00:22:04,060 --> 00:21:59,590
save-the-date saikhan is returning to

427
00:22:06,460 --> 00:22:04,070
Las Vegas for 2017 today you turned on

428
00:22:08,980 --> 00:22:06,470
your computer or your phone Facebook

429
00:22:12,130 --> 00:22:08,990
told you that vaccines are an evil

430
00:22:15,399 --> 00:22:12,140
government plot Twitter told you the Sun

431
00:22:17,080 --> 00:22:15,409
is revolving around a Flat Earth and the

432
00:22:19,950 --> 00:22:17,090
House Science Committee told you that

433
00:22:24,810 --> 00:22:19,960
climate changes nothing to worry about

434
00:22:27,250 --> 00:22:24,820
meanwhile up is down true is false

435
00:22:30,909 --> 00:22:27,260
Oceania has always been at war with

436
00:22:34,510 --> 00:22:30,919
Eastasia and dogs and cats may in fact

437
00:22:38,080 --> 00:22:34,520
be living together enough already it's

438
00:22:40,659 --> 00:22:38,090

time once again for the forces of reason

439

00:22:43,029 --> 00:22:40,669

and science to come together time for

440

00:22:45,789 --> 00:22:43,039

critical thinkers to connect learn from

441

00:22:49,180 --> 00:22:45,799

each other and sharpen their skills time

442

00:22:51,820 --> 00:22:49,190

for the leading lights of skepticism to

443

00:22:55,779 --> 00:22:51,830

share their wisdom and to rally the

444

00:22:58,700 --> 00:22:55,789

troops it's time for saikhan 2017 back

445

00:23:05,249 --> 00:23:02,180

October the 26th to the 29th joined

446

00:23:08,639 --> 00:23:05,259

luminaries such as James the amazing

447

00:23:11,759 --> 00:23:08,649

Randi Richard Dawkins Eugenie Scott the

448

00:23:14,609 --> 00:23:11,769

skeptics guide to the universe susan

449

00:23:19,320 --> 00:23:14,619

gerbic Harriet Hall Richard Wiseman

450

00:23:22,109 --> 00:23:19,330

Carrie papi Joe Nickell and many many

451
00:23:24,509 --> 00:23:22,119
more the master of ceremonies is none

452
00:23:26,369 --> 00:23:24,519
other than George hurry up for the

453
00:23:28,769 --> 00:23:26,379
biggest skeptics event of the year

454
00:23:31,619 --> 00:23:28,779
returning triumphantly to the Excalibur

455
00:23:35,129 --> 00:23:31,629
Hotel and Casino in Las Vegas the city

456
00:23:37,619 --> 00:23:35,139
of illusions saikhan 2017 will be packed

457
00:23:40,440 --> 00:23:37,629
with fascinating talks and presentations

458
00:23:43,680 --> 00:23:40,450
dazzling entertainment and fun social

459
00:23:46,259 --> 00:23:43,690
events with fellow skeptics this October

460
00:23:48,499 --> 00:23:46,269
getaway from fake news and conspiracy

461
00:23:52,759 --> 00:23:48,509
theories filling up your news feeds at

462
00:23:56,999 --> 00:23:52,769
saikhan 2017 your alternative to

463
00:24:01,900 --> 00:23:57,009

alternative facts for more information

464

00:24:20,930 --> 00:24:18,220

[Music]

465

00:24:22,580 --> 00:24:20,940

now updating you on this story we

466

00:24:25,549 --> 00:24:22,590

brought you last week about the little

467

00:24:29,419 --> 00:24:25,559

boy who was taken by the authorities

468

00:24:32,149 --> 00:24:29,429

after his parents seemed not to be able

469

00:24:34,460 --> 00:24:32,159

to give him the proper care required or

470

00:24:36,049 --> 00:24:34,470

maybe we should say unwilling to give

471

00:24:38,480 --> 00:24:36,059

him the proper medical attention

472

00:24:41,779 --> 00:24:38,490

required this update comes to us from

473

00:24:46,610 --> 00:24:41,789

the news service of the ABC here in

474

00:24:52,720 --> 00:24:46,620

Australia at ABC met a Yoo by Sarah

475

00:24:59,919 --> 00:24:56,299

online petition calls for malnourished

476
00:25:02,720 --> 00:24:59,929
son of anti-vaxxer to be returned home

477
00:25:05,389 --> 00:25:02,730
supporters of a prominent anti-vaxxer

478
00:25:08,149 --> 00:25:05,399
who's disabled and malnourished young

479
00:25:10,669 --> 00:25:08,159
son was taken by family services have

480
00:25:13,760 --> 00:25:10,679
launched an online petition to have him

481
00:25:16,279 --> 00:25:13,770
returned documents obtained by the ABC

482
00:25:20,120 --> 00:25:16,289
show the four-year-old boy whose family

483
00:25:23,680 --> 00:25:20,130
lives in Newcastle was severely underfed

484
00:25:26,450 --> 00:25:23,690
and was at imminent risk of serious harm

485
00:25:29,899 --> 00:25:26,460
the mother of the boy has been feeding

486
00:25:32,810 --> 00:25:29,909
her son a cannabis oil and plant-based

487
00:25:34,810 --> 00:25:32,820
diet and missed crucial medical

488
00:25:37,490 --> 00:25:34,820

appointments the documents show

489

00:25:39,769 --> 00:25:37,500

supporters say the boy's mother has been

490

00:25:42,289 --> 00:25:39,779

treated as a criminal for feeding him

491

00:25:47,810 --> 00:25:42,299

naturally and the petition has been

492

00:25:49,970 --> 00:25:47,820

signed by 23,000 people emergency

493

00:25:52,669 --> 00:25:49,980

physician dr. Sula Raji

494

00:25:55,580 --> 00:25:52,679

said the case highlights the dangers of

495

00:25:58,279 --> 00:25:55,590

when anti-vaxxer groups prey on families

496

00:26:01,070 --> 00:25:58,289

who are desperate quote what I'm seeing

497

00:26:04,310 --> 00:26:01,080

is a vulnerable family who need a lot of

498

00:26:06,919 --> 00:26:04,320

support with a very disabled child who

499

00:26:09,590 --> 00:26:06,929

have somehow fallen into the arms of the

500

00:26:12,289 --> 00:26:09,600

anti-vaccination movement men quote dr.

501
00:26:14,389 --> 00:26:12,299
Laura she said she said a battle is now

502
00:26:17,450 --> 00:26:14,399
being waged between the family of the

503
00:26:19,490 --> 00:26:17,460
boy who has cerebral palsy and the

504
00:26:21,530 --> 00:26:19,500
public health system quote

505
00:26:24,050 --> 00:26:21,540
it seems to be that the child is getting

506
00:26:26,330 --> 00:26:24,060
thinner and thinner and the family seems

507
00:26:28,730 --> 00:26:26,340
to be rejecting the standard medical

508
00:26:30,860 --> 00:26:28,740
treatment that has kept him relatively

509
00:26:33,650 --> 00:26:30,870
healthy all these years and quote she

510
00:26:36,500 --> 00:26:33,660
said dr. Laura she said it was the

511
00:26:38,570 --> 00:26:36,510
online anti-vaxxer community that had

512
00:26:41,990 --> 00:26:38,580
fueled debate over the young boy's

513
00:26:45,290 --> 00:26:42,000

health quote it's very easy as you know

514

00:26:47,210 --> 00:26:45,300

on social media to stir up hysteria

515

00:26:50,000 --> 00:26:47,220

they're constantly urging people to

516

00:26:53,570 --> 00:26:50,010

share and spread messages around em

517

00:26:56,690 --> 00:26:53,580

quote a video filmed in the boys home on

518

00:26:59,020 --> 00:26:56,700

Friday seen by the ABC shows police

519

00:27:01,940 --> 00:26:59,030

officers and Family Services officials

520

00:27:04,850 --> 00:27:01,950

waiting to take him away quote I've

521

00:27:06,800 --> 00:27:04,860

spoken to the girls from the New South

522

00:27:09,680 --> 00:27:06,810

Wales Department of Family and Community

523

00:27:12,080 --> 00:27:09,690

Services what they would like to see

524

00:27:13,640 --> 00:27:12,090

happen is the family puts the child in

525

00:27:17,090 --> 00:27:13,650

the back of the car in quote a police

526

00:27:19,970 --> 00:27:17,100

officer says in the video the mother is

527

00:27:22,190 --> 00:27:19,980

heard saying in response quote you are

528

00:27:23,960 --> 00:27:22,200

and you will leave you're not taking my

529

00:27:26,870 --> 00:27:23,970

child over my dead body

530

00:27:29,330 --> 00:27:26,880

unquote the spokesman from family and

531

00:27:31,580 --> 00:27:29,340

community services would not comment on

532

00:27:35,420 --> 00:27:31,590

the case only confirming there was a

533

00:27:38,000 --> 00:27:35,430

child safety incident on Friday and that

534

00:27:38,740 --> 00:27:38,010

comes to us courtesy of the ABC News

535

00:27:41,910 --> 00:27:38,750

Service

536

00:27:57,380 --> 00:27:41,920

ABC Tau

537

00:27:59,789 --> 00:27:57,390

[Music]

538

00:28:03,000 --> 00:27:59,799

Meli's Katie cheap-shot Allah

539

00:28:04,740 --> 00:28:03,010

Travis Clare Union bar spoon or credit

540

00:28:07,529 --> 00:28:04,750

Orca a brewski host Kotetsu K how

541

00:28:09,750 --> 00:28:07,539

Congress udoit TCC sarunas addition

542

00:28:12,149 --> 00:28:09,760

Congress table cannot posture Bratislava

543

00:28:14,840 --> 00:28:12,159

advocaat a hot dog a hot rod versatile

544

00:28:18,419 --> 00:28:14,850

to telezart e IA mood Stephen Bosworth

545

00:28:21,390 --> 00:28:18,429

th Ted opposing the 65th Kyoto Cygnus

546

00:28:23,880 --> 00:28:21,400

vehicle so James Randi susan gerbic mark

547

00:28:26,820 --> 00:28:23,890

Lynas Susan Blackmore Scotland thought

548

00:28:28,289 --> 00:28:26,830

at all she poha Vashti automatic eco

549

00:28:30,899 --> 00:28:28,299

neighbors instea vada

550

00:28:34,380 --> 00:28:30,909

so Dravida Ahmadiyya paramachaitanya

551
00:28:37,230 --> 00:28:34,390
doll she Procopio soup NK a provision

552
00:28:39,539 --> 00:28:37,240
for motsi fish dana Euroskeptics cone

553
00:28:40,260 --> 00:28:39,549
petka org and the bonus naked on a

554
00:28:46,080 --> 00:28:40,270
Facebook ooh

555
00:28:48,600 --> 00:28:46,090
the shima-san of ass hello dear

556
00:28:50,820 --> 00:28:48,610
skeptical friends this is cleric Lamberg

557
00:28:54,240 --> 00:28:50,830
co-organizer of the european skeptics

558
00:28:56,310 --> 00:28:54,250
congress 2017 this year the Congress

559
00:28:59,460 --> 00:28:56,320
will be held in broad South Poland on

560
00:29:01,350 --> 00:28:59,470
September 22nd to 24th and is my

561
00:29:04,380 --> 00:29:01,360
absolute pleasure to invite you to

562
00:29:07,529 --> 00:29:04,390
attend come and listen to talks by James

563
00:29:09,750 --> 00:29:07,539

Randi susan gerbic mark Lynas Susan

564

00:29:12,330 --> 00:29:09,760

Blackmore Scotland Feld and others

565

00:29:14,700 --> 00:29:12,340

discuss topics like science and religion

566

00:29:17,399 --> 00:29:14,710

to science and media paranormal

567

00:29:19,139 --> 00:29:17,409

investigation and more to buy a ticket

568

00:29:23,130 --> 00:29:19,149

and to get more information by the

569

00:29:28,400 --> 00:29:23,140

Congress go to Euroskeptics con org or

570

00:29:41,419 --> 00:29:37,690

[Music]

571

00:29:43,399 --> 00:29:41,429

and now direct from the cafe at

572

00:29:49,160 --> 00:29:43,409

Australia's Science Channel

573

00:29:50,289 --> 00:29:49,170

it's brouhaha with Casey Harrigan and

574

00:29:53,539 --> 00:29:50,299

[Music]

575

00:29:55,669 --> 00:29:53,549

iceberg the sides of Kangaroo Island is

576

00:29:57,619 --> 00:29:55,679

dangling by a mere thread from the

577

00:30:00,440 --> 00:29:57,629

continent of Antarctica about to be

578

00:30:02,869 --> 00:30:00,450

ripped off and set free well by mere

579

00:30:04,700 --> 00:30:02,879

thread I mean 20 kilometers of ice and

580

00:30:06,080 --> 00:30:04,710

by ripped off and set free

581

00:30:08,419 --> 00:30:06,090

I mean gently drift off into the ocean

582

00:30:10,460 --> 00:30:08,429

but it's impending departure from

583

00:30:13,220 --> 00:30:10,470

mainland still prompts a lot of

584

00:30:13,759 --> 00:30:13,230

questions like well we need to redraw

585

00:30:16,940 --> 00:30:13,769

our Maps

586

00:30:19,009 --> 00:30:16,950

sort of maths that include our shelves

587

00:30:20,960 --> 00:30:19,019

will need to be adjusted but our records

588

00:30:23,690 --> 00:30:20,970

are the actual landmass of the continent

589

00:30:26,749 --> 00:30:23,700

are in good shape will the iceberg make

590

00:30:28,970 --> 00:30:26,759

sea levels rise not directly but as the

591

00:30:30,590 --> 00:30:28,980

bird drifts away we'll find out how

592

00:30:34,070 --> 00:30:30,600

stable the ice shelf that leaves behind

593

00:30:35,930 --> 00:30:34,080

really is if sea levels do rise it'll be

594

00:30:38,060 --> 00:30:35,940

because the glacier behind the iceberg

595

00:30:40,940 --> 00:30:38,070

is exposed and degrades more rapidly and

596

00:30:42,889 --> 00:30:40,950

the biggest question of all should we

597

00:30:46,310 --> 00:30:42,899

tie this iceberg to Australia and tap it

598

00:30:48,859 --> 00:30:46,320

for fresh water no we shouldn't but over

599

00:30:50,570 --> 00:30:48,869

the years this idea has really had a way

600

00:30:52,149 --> 00:30:50,580

of capturing people's imagination and

601
00:30:54,440 --> 00:30:52,159
that's how it's going to stay

602
00:30:56,450 --> 00:30:54,450
realistically we won't be buying

603
00:30:57,870 --> 00:30:56,460
overpriced bottles of fresh Antarctica

604
00:31:00,300 --> 00:30:57,880
iceberg water this summer

605
00:31:03,310 --> 00:31:00,310
[Music]

606
00:31:05,710 --> 00:31:03,320
yes that was KZ Harrigan with this

607
00:31:08,110 --> 00:31:05,720
week's brouhaha and joining me on the

608
00:31:10,890 --> 00:31:08,120
line from Australia science TV it's

609
00:31:13,600 --> 00:31:10,900
Kasey Harrigan in person hello Casey

610
00:31:15,280 --> 00:31:13,610
color Richard are you I'm really well

611
00:31:17,920 --> 00:31:15,290
it's really nice to talk with you

612
00:31:19,630 --> 00:31:17,930
because I've seen thank you I've seen

613
00:31:22,030 --> 00:31:19,640

all the videos the brouhaha is a

614

00:31:23,830 --> 00:31:22,040

wonderful video series and my listeners

615

00:31:24,850 --> 00:31:23,840

of course probably watch the videos but

616

00:31:28,180 --> 00:31:24,860

certainly here

617

00:31:30,790 --> 00:31:28,190

brouhaha every week it's you giving

618

00:31:32,980 --> 00:31:30,800

little snippets of sites together with

619

00:31:33,610 --> 00:31:32,990

Ben Lewis of course Kelly Wong and ten

620

00:31:36,670 --> 00:31:33,620

yemaja

621

00:31:38,710 --> 00:31:36,680

well let's let's little get to a little

622

00:31:40,660 --> 00:31:38,720

bit about you what's your involvement

623

00:31:44,830 --> 00:31:40,670

exactly with the Australia Science

624

00:31:47,920 --> 00:31:44,840

Channel yeah as of right now I'm a

625

00:31:50,740 --> 00:31:47,930

contributing editor and producer sorry I

626
00:31:53,380 --> 00:31:50,750
look after on Australia Science Channel

627
00:31:56,170 --> 00:31:53,390
I look after all things the body so all

628
00:31:58,000 --> 00:31:56,180
things you know health medicine wellness

629
00:31:59,800 --> 00:31:58,010
even things like wearable technology

630
00:32:01,630 --> 00:31:59,810
done nothing anything to do with the

631
00:32:03,570 --> 00:32:01,640
human body and I also look after a

632
00:32:06,520 --> 00:32:03,580
culture so I've got a real interest in

633
00:32:08,680 --> 00:32:06,530
science fiction and you know the

634
00:32:10,840 --> 00:32:08,690
connection of art and science but then

635
00:32:12,760 --> 00:32:10,850
also you know society and science and

636
00:32:15,940 --> 00:32:12,770
politics and and all those sort of

637
00:32:18,640 --> 00:32:15,950
social issues as well so yeah so I kind

638
00:32:21,250 --> 00:32:18,650

of curate those channels in tribute to

639

00:32:24,420 --> 00:32:21,260

them as well and then I'm a producer so

640

00:32:26,650 --> 00:32:24,430

I'm kind of under the beck and call of

641

00:32:28,840 --> 00:32:26,660

myself and my colleagues to just make

642

00:32:31,450 --> 00:32:28,850

you know make as much great client

643

00:32:34,120 --> 00:32:31,460

content and you know show off as many

644

00:32:37,420 --> 00:32:34,130

science field stories as we can first

645

00:32:39,400 --> 00:32:37,430

rally and with the team there that the

646

00:32:42,850 --> 00:32:39,410

four of you doing the brouhaha how do

647

00:32:44,920 --> 00:32:42,860

you how do you choose your story I mean

648

00:32:46,360 --> 00:32:44,930

you look at a range of stories that have

649

00:32:47,650 --> 00:32:46,370

come up in the week do all of you do

650

00:32:51,100 --> 00:32:47,660

that and think to yourself I'll have

651
00:32:53,080 --> 00:32:51,110
this one or I'll do this one um not

652
00:32:54,610 --> 00:32:53,090
exactly I wonder what would you like to

653
00:32:57,430 --> 00:32:54,620
be a fly on the wall to some about

654
00:32:58,450 --> 00:32:57,440
brouhaha brainstorm but aren't

655
00:33:00,460 --> 00:32:58,460
basically we just all get together

656
00:33:01,810 --> 00:33:00,470
wherever we are we're either in the

657
00:33:04,510 --> 00:33:01,820
office or man with just how to

658
00:33:06,520 --> 00:33:04,520
adequately all have to be together we

659
00:33:08,560 --> 00:33:06,530
just authorized Diaz out and sometimes

660
00:33:10,720 --> 00:33:08,570
what happens really fast sometimes but

661
00:33:12,520 --> 00:33:10,730
things happen and we just go we've just

662
00:33:13,610 --> 00:33:12,530
got a cover that there was one a little

663
00:33:14,960 --> 00:33:13,620

while ago one of my favor

664

00:33:17,720 --> 00:33:14,970

it's an iconic sub laughing for the

665

00:33:20,920 --> 00:33:17,730

whole thing was on this term drug

666

00:33:23,630 --> 00:33:20,930

smugglers like I'm laughing now

667

00:33:25,910 --> 00:33:23,640

backpacks on there and we just learned

668

00:33:28,370 --> 00:33:25,920

that the very haha that was such a

669

00:33:31,790 --> 00:33:28,380

no-brainer super fast right description

670

00:33:33,860 --> 00:33:31,800

quickly all came together and apart from

671

00:33:34,850 --> 00:33:33,870

once we got through one where I wasn't

672

00:33:37,490 --> 00:33:34,860

laughing so hard that it was

673

00:33:39,230 --> 00:33:37,500

unintelligible then we were gone um but

674

00:33:41,630 --> 00:33:39,240

I'll tell you what sometimes those

675

00:33:44,390 --> 00:33:41,640

conversations take a long time and we go

676
00:33:46,430 --> 00:33:44,400
through lots and lots of stories and we

677
00:33:48,530 --> 00:33:46,440
throw things out and we workshop it for

678
00:33:50,660 --> 00:33:48,540
a little while and we just go look at

679
00:33:51,919 --> 00:33:50,670
the great story and we're all very

680
00:33:54,560 --> 00:33:51,929
interested in it but it's just a lot of

681
00:33:55,730 --> 00:33:54,570
brouhaha and then we you know move on to

682
00:33:57,049 --> 00:33:55,740
the next line and then maybe we come

683
00:33:59,830 --> 00:33:57,059
back to one we've already talked about

684
00:34:02,990 --> 00:33:59,840
and yeah often those discussions are

685
00:34:04,220 --> 00:34:03,000
really quite long and grueling but

686
00:34:07,370 --> 00:34:04,230
they're also really satisfying at the

687
00:34:12,460 --> 00:34:07,380
end where you go all that time all those

688
00:34:14,540 --> 00:34:12,470

stories that were you know false starts

689

00:34:15,889 --> 00:34:14,550

it can actually be really started trying

690

00:34:17,060 --> 00:34:15,899

to get to the end and go are we've got

691

00:34:18,770 --> 00:34:17,070

it we've got a really great for

692

00:34:21,200 --> 00:34:18,780

different people these week so this week

693

00:34:23,869 --> 00:34:21,210

sorry so it's a real mix anywhere

694

00:34:26,450 --> 00:34:23,879

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

695

00:34:28,159 --> 00:34:26,460

you know continued a bit of a stiff

696

00:34:29,600 --> 00:34:28,169

drink after the office conversation

697

00:34:33,440 --> 00:34:29,610

because it's just being quite grueling

698

00:34:34,580 --> 00:34:33,450

right but it's always fun yeah to have

699

00:34:36,860 --> 00:34:34,590

those discussions and just talk about

700

00:34:38,720 --> 00:34:36,870

all the weird and wonderful fancy stuff

701
00:34:41,210 --> 00:34:38,730
that's been happening I bet it is now

702
00:34:44,690 --> 00:34:41,220
for the people who just listen to you by

703
00:34:46,010 --> 00:34:44,700
the skeptics own podcast I always say in

704
00:34:48,379 --> 00:34:46,020
the little introduction I've done it

705
00:34:50,540 --> 00:34:48,389
from direct from the cafe if you watch

706
00:34:54,320 --> 00:34:50,550
the videos folks of course there's Casey

707
00:34:56,270 --> 00:34:54,330
and her friends Ben Tania and Kelly with

708
00:34:57,710 --> 00:34:56,280
the backdrop of an actual cafe and

709
00:34:59,420 --> 00:34:57,720
you're standing there presenting to

710
00:35:01,730 --> 00:34:59,430
camera with the people getting coffees

711
00:35:04,580 --> 00:35:01,740
behind you what's that recording process

712
00:35:07,210 --> 00:35:04,590
like do you have an auto prompt or do

713
00:35:08,410 --> 00:35:07,220

you memorize it or how does that work

714

00:35:11,570 --> 00:35:08,420

yes

715

00:35:13,490 --> 00:35:11,580

I don't know anyone's question many

716

00:35:16,130 --> 00:35:13,500

people but that's all green screen so we

717

00:35:19,640 --> 00:35:16,140

go out and we shoot those backgrounds or

718

00:35:21,110 --> 00:35:19,650

different cafes so what they are they

719

00:35:22,820 --> 00:35:21,120

are the cafe artists released by

720

00:35:24,950 --> 00:35:22,830

charlatans we've got our few local

721

00:35:27,080 --> 00:35:24,960

favorite but unfortunately we don't have

722

00:35:29,160 --> 00:35:27,090

an on-site

723

00:35:30,890 --> 00:35:29,170

well we've got a green screen

724

00:35:34,190 --> 00:35:30,900

permanently set up we've got a studio

725

00:35:37,590 --> 00:35:34,200

family set up we do have a teleprompter

726

00:35:39,990 --> 00:35:37,600

so we yeah we write our own scripts so

727

00:35:43,160 --> 00:35:40,000

that they're in our voice and but we all

728

00:35:45,450 --> 00:35:43,170

do pitch in and have a have a quick read

729

00:35:48,720 --> 00:35:45,460

yeah basically one for Hardy with the

730

00:35:50,460 --> 00:35:48,730

scripts not too long it's got a few you

731

00:35:52,860 --> 00:35:50,470

know maybe a few offbeat things in it a

732

00:35:54,840 --> 00:35:52,870

few provocative things in it yeah we

733

00:35:57,930 --> 00:35:54,850

just hit we hit our studios turn the

734

00:35:59,720 --> 00:35:57,940

lights on turn the cameras on and go for

735

00:36:02,780 --> 00:35:59,730

it and just really try and focus on

736

00:36:04,710 --> 00:36:02,790

giving the best and most authentic

737

00:36:07,260 --> 00:36:04,720

performance is probably the wrong word

738

00:36:11,210 --> 00:36:07,270

really are charge us be ourselves yeah

739

00:36:14,400 --> 00:36:11,220

yeah just give them mice energetic um

740

00:36:16,830 --> 00:36:14,410

kind of delivery that we can so yeah

741

00:36:19,800 --> 00:36:16,840

yeah it was a good good farm you could

742

00:36:23,070 --> 00:36:19,810

head down from Studio well folks if you

743

00:36:24,570 --> 00:36:23,080

haven't if you haven't seen Casey and

744

00:36:27,240 --> 00:36:24,580

her friends actually perform well

745

00:36:29,760 --> 00:36:27,250

perform deliver present I probably

746

00:36:32,010 --> 00:36:29,770

should say present there's probably the

747

00:36:33,480 --> 00:36:32,020

best word it's a lot there's a little

748

00:36:36,840 --> 00:36:33,490

bit of performance in all that sort of

749

00:36:39,960 --> 00:36:36,850

stuff if you go to Australia Science dot

750

00:36:41,970 --> 00:36:39,970

TV you can you can see Breuer are lots

751

00:36:45,180 --> 00:36:41,980

of other things to which the channel is

752

00:36:46,620 --> 00:36:45,190

doing which is fantastic and the skeptic

753

00:36:48,990 --> 00:36:46,630

son is very pleased to have a long

754

00:36:50,700 --> 00:36:49,000

association now with what you're doing

755

00:36:53,060 --> 00:36:50,710

there through a week in science a few

756

00:36:56,910 --> 00:36:53,070

years ago all the way through now to

757

00:37:00,690 --> 00:36:56,920

brouhaha and I hope one day I can visit

758

00:37:03,600 --> 00:37:00,700

the Australia's science TV in person

759

00:37:06,390 --> 00:37:03,610

again and we'll find a cafe a day what

760

00:37:09,930 --> 00:37:06,400

we'll find a cafe and we'll do it and

761

00:37:12,980 --> 00:37:09,940

we'll have a real brouhaha then but for

762

00:37:15,990 --> 00:37:12,990

now Casey wonderful to chat with you and

763

00:37:17,250 --> 00:37:16,000

please give our regards to all your

764

00:37:20,010 --> 00:37:17,260

fellow presenters who do such a

765

00:37:20,740 --> 00:37:20,020

wonderful job certainly well thanks

766

00:37:22,900 --> 00:37:20,750

Richard

767

00:37:26,270 --> 00:37:22,910

[Music]

768

00:37:34,110 --> 00:37:26,280

for more brouhaha and Australian science

769

00:37:40,280 --> 00:37:38,000

[Music]

770

00:37:43,860 --> 00:37:40,290

[Applause]

771

00:37:46,710 --> 00:37:43,870

calling all skeptics or listeners the UF

772

00:37:48,750 --> 00:37:46,720

n or near Glasgow or are you planning to

773

00:37:50,760 --> 00:37:48,760

visit something then you're in luck

774

00:37:54,030 --> 00:37:50,770

because the Glasgow skeptics

775

00:37:55,770 --> 00:37:54,040

I've got your Monday nights sorted we're

776

00:37:58,050 --> 00:37:55,780

committed to filling up every available

777

00:38:01,080 --> 00:37:58,060

Monday night talks on science and

778

00:38:03,300 --> 00:38:01,090

skepticism past speakers include Eugenie

779

00:38:05,370 --> 00:38:03,310

Scott jelly coin maker Marshall neat

780

00:38:08,460 --> 00:38:05,380

Phelps Tom and Cecil from cognitive

781

00:38:10,800 --> 00:38:08,470

dissonance PZ Myers Richard Wiseman AC

782

00:38:13,350 --> 00:38:10,810

drilling Noah Heath and Eli from the

783

00:38:15,600 --> 00:38:13,360

scaling atheist Simon Singh Rebecca

784

00:38:18,450 --> 00:38:15,610

Watson and a multitude of local

785

00:38:20,310 --> 00:38:18,460

academics and skeptics there's literally

786

00:38:22,380 --> 00:38:20,320

nothing better you can do on a Monday

787

00:38:24,750 --> 00:38:22,390

night in Glasgow that doesn't involve

788

00:38:26,700 --> 00:38:24,760

taking your clothes off so come join us

789

00:38:28,860 --> 00:38:26,710

we've also got a vibrant online

790

00:38:30,690 --> 00:38:28,870

community you can find us on Facebook

791

00:38:33,720 --> 00:38:30,700

Twitter and get involved with the

792

00:38:35,360 --> 00:38:33,730

discussion Glasgow skeptics self-help

793

00:38:36,170 --> 00:38:35,370

for your brain

794

00:38:44,110 --> 00:38:36,180

[Music]

795

00:38:57,370 --> 00:38:44,120

[Applause]

796

00:39:01,190 --> 00:38:57,380

[Music]

797

00:39:05,420 --> 00:39:01,200

I'm coming to you from the middle the

798

00:39:07,430 --> 00:39:05,430

center the epicenter ground zero of mind

799

00:39:08,809 --> 00:39:07,440

body spirit or mind body wallet is

800

00:39:11,470 --> 00:39:08,819

recalled and of course I'm here with

801
00:39:14,150 --> 00:39:11,480
these stranger things down under group

802
00:39:15,890 --> 00:39:14,160
milling around it's really crowded mind

803
00:39:19,730 --> 00:39:15,900
body while it is absolutely crowd of

804
00:39:21,529 --> 00:39:19,740
this year really I think because it's

805
00:39:24,519 --> 00:39:21,539
moved back into the center of the city

806
00:39:27,950 --> 00:39:24,529
from out in the suburbs or it was and

807
00:39:30,740 --> 00:39:27,960
this year they've made it free so a lot

808
00:39:32,990 --> 00:39:30,750
of people a lot of more people here than

809
00:39:35,420 --> 00:39:33,000
would normally be here

810
00:39:37,120 --> 00:39:35,430
so that the Rose it's quite a big area

811
00:39:41,390 --> 00:39:37,130
and all the roads are absolutely crowded

812
00:39:43,700 --> 00:39:41,400
like a little human traffic jam

813
00:39:45,260 --> 00:39:43,710

we're passing lots a really good stuff

814

00:39:47,240 --> 00:39:45,270

it's worth coming to mind body wallet

815

00:39:49,520 --> 00:39:47,250

for the fantastic stuff Trish from our

816

00:39:52,340 --> 00:39:49,530

group even bought some incredibly

817

00:39:55,820 --> 00:39:52,350

delicious ginger beer and there's some

818

00:39:56,200 --> 00:39:55,830

stuff some lovely food any all sorts of

819

00:39:58,610 --> 00:39:56,210

things

820

00:40:00,530 --> 00:39:58,620

there's ilithia's here with me Trish

821

00:40:04,100 --> 00:40:00,540

Lara and Jessica are all milling around

822

00:40:06,520 --> 00:40:04,110

lots of jewelry to buy of course but we

823

00:40:10,250 --> 00:40:06,530

have been passing things like earthing

824

00:40:11,540 --> 00:40:10,260

you can I'm not sure the idea is you

825

00:40:13,130 --> 00:40:11,550

make connection with the earth through

826

00:40:15,860 --> 00:40:13,140

bare feet or special mats that you have

827

00:40:19,750 --> 00:40:15,870

to buy and imbalances you somehow we

828

00:40:24,250 --> 00:40:19,760

pass various Reiki people what's this a

829

00:40:30,610 --> 00:40:26,530

lots of food here you got all that looks

830

00:40:31,810 --> 00:40:30,620

nice so oh it's a bookstore

831

00:40:34,120 --> 00:40:31,820

[Music]

832

00:40:37,090 --> 00:40:34,130

I was passing the live demonstration of

833

00:40:39,640 --> 00:40:37,100

cooking at the moment so what a mixture

834

00:40:44,800 --> 00:40:39,650

mind body wallet is every year what a

835

00:40:47,400 --> 00:40:44,810

mixture but that doesn't excuse the the

836

00:40:50,620 --> 00:40:47,410

anti-science the rampant anti science

837

00:40:54,460 --> 00:40:50,630

the questionable medical products and so

838

00:40:59,130 --> 00:40:54,470

on this that we can find i will real

839

00:41:03,630 --> 00:41:01,830

goodness me the science the incredible

840

00:41:06,690 --> 00:41:03,640

science we've seen here incredible is

841

00:41:09,590 --> 00:41:06,700

one way to say new Chinese Health Center

842

00:41:12,830 --> 00:41:09,600

we're just passing by it self adhesive

843

00:41:17,210 --> 00:41:12,840

moxa a plant wormwood

844

00:41:20,610 --> 00:41:17,220

mugwort can change your future it's very

845

00:41:22,350 --> 00:41:20,620

interesting we've lost some of our party

846

00:41:26,270 --> 00:41:22,360

because they've got sort of waylaid at

847

00:41:29,100 --> 00:41:26,280

various stand selling weird water and

848

00:41:32,820 --> 00:41:29,110

spinal checks and spinal taps and I

849

00:41:35,910 --> 00:41:32,830

don't know what somehow made it almost

850

00:41:37,740 --> 00:41:35,920

through to the other end with Lara do we

851

00:41:39,830 --> 00:41:37,750

stop and look at some of the stands

852

00:41:42,650 --> 00:41:39,840

along the way

853

00:41:45,260 --> 00:41:42,660

funny smells in the end senses smoke and

854

00:41:47,900 --> 00:41:45,270

I don't know what's going well there is

855

00:41:49,400 --> 00:41:47,910

a cafe we've discovered the cafe we were

856

00:41:53,730 --> 00:41:49,410

looking for that before so there is a

857

00:41:58,800 --> 00:41:55,890

we got one more row to go but we might

858

00:42:01,160 --> 00:41:58,810

tell you all go round this corner so

859

00:42:05,030 --> 00:42:01,170

many people here

860

00:42:07,760 --> 00:42:05,040

mostly having a good time I see

861

00:42:12,589 --> 00:42:07,770

there's Roxanne an old friend of mine so

862

00:42:15,829 --> 00:42:12,599

to speak Feng Shui laws with Roxanne yes

863

00:42:18,349 --> 00:42:15,839

she is I see the same people here after

864

00:42:24,410 --> 00:42:18,359

you well-being magazine I think I'll

865

00:42:29,270 --> 00:42:26,740

[Music]

866

00:42:31,280 --> 00:42:29,280

it's a welcome break here at mind-body

867

00:42:33,020 --> 00:42:31,290

wallet I'm with Jessica and Lara we've

868

00:42:34,700 --> 00:42:33,030

discovered copy Lara

869

00:42:36,770 --> 00:42:34,710

which is very welcome at the moment

870

00:42:39,160 --> 00:42:36,780

because we have to wash out the water

871

00:42:41,540 --> 00:42:39,170

the was it alkaline water or something I

872

00:42:43,970 --> 00:42:41,550

know there was five different types of

873

00:42:48,230 --> 00:42:43,980

water Richard they had an electrolysis

874

00:42:50,270 --> 00:42:48,240

machine cost close to \$6,000 is it look

875

00:42:52,339 --> 00:42:50,280

apparently everybody in Japan has yes

876

00:42:56,349 --> 00:42:52,349

just they clean their floors with it

877

00:42:58,819 --> 00:42:56,359

yeah yeah and they split the water into

878

00:43:00,559 --> 00:42:58,829

basically that turns into an acid and an

879

00:43:01,819 --> 00:43:00,569

alkali simultaneously although if you

880

00:43:03,980 --> 00:43:01,829

don't want it amount to strong you can

881

00:43:05,930 --> 00:43:03,990

just remove this slightly dubious

882

00:43:07,520 --> 00:43:05,940

looking tray which apparently put some

883

00:43:08,839 --> 00:43:07,530

chemicals in but actually doesn't I

884

00:43:10,220 --> 00:43:08,849

don't know they would they were

885

00:43:11,240 --> 00:43:10,230

contradicting themselves every couple of

886

00:43:13,099 --> 00:43:11,250

seconds

887

00:43:14,990 --> 00:43:13,109

and the references were constantly

888

00:43:17,510 --> 00:43:15,000

looking up on YouTube what was amazing

889

00:43:19,460 --> 00:43:17,520

this YouTube is the definitive place to

890

00:43:21,290 --> 00:43:19,470

go for science education which he needs

891

00:43:23,720 --> 00:43:21,300

to do because honestly it was really

892

00:43:26,150 --> 00:43:23,730

wanting me otherwise with my H_2 diatomic

893

00:43:27,950 --> 00:43:26,160

hydrogen which is just hydrogen that's

894

00:43:28,910 --> 00:43:27,960

just hydrogen gas and he said that

895

00:43:30,920 --> 00:43:28,920

there's bubbles but then he said

896

00:43:32,570 --> 00:43:30,930

dissolved if you dissolve the diatomic

897

00:43:34,370 --> 00:43:32,580

hydrogen you basically got H plus you've

898

00:43:35,990 --> 00:43:34,380

got ions dissolved in solute they're two

899

00:43:38,000 --> 00:43:36,000

different things

900

00:43:40,400 --> 00:43:38,010

any kids yeah I mean he kept saying it

901
00:43:42,620 --> 00:43:40,410
wasn't dangerous but the pH was so high

902
00:43:44,180 --> 00:43:42,630
and so low that I really think it would

903
00:43:45,740 --> 00:43:44,190
be interesting to think it would be -

904
00:43:48,320 --> 00:43:45,750
yeah Trish did too but I doubt the

905
00:43:50,690 --> 00:43:48,330
Machine does anything that it's claimed

906
00:43:52,460 --> 00:43:50,700
the claims being made and Jessica what

907
00:43:54,650 --> 00:43:52,470
have you discovered what Joy's have you

908
00:43:56,270 --> 00:43:54,660
discovered here well I can I'm going to

909
00:43:59,290 --> 00:43:56,280
pass something that seems to claim it

910
00:44:02,780 --> 00:43:59,300
can change your DNA which interesting

911
00:44:04,339 --> 00:44:02,790
unlikely but mostly as always the

912
00:44:05,540 --> 00:44:04,349
crystals of the best part for me they're

913
00:44:07,120 --> 00:44:05,550

so beautiful they don't do any of the

914

00:44:10,370 --> 00:44:07,130

stuff they claim to do I bought some

915

00:44:11,960 --> 00:44:10,380

iron pyrite and iron pyrite sort of egg

916

00:44:14,450 --> 00:44:11,970

looking thing for a friend I thought it

917

00:44:16,040 --> 00:44:14,460

was very pretty but it claims to be an

918

00:44:17,630 --> 00:44:16,050

excellent energy shield I don't know

919

00:44:21,470 --> 00:44:17,640

what that means

920

00:44:23,989 --> 00:44:21,480

energy stimulate the flow of ideas helps

921

00:44:26,630 --> 00:44:23,999

with planning boost self-worth and

922

00:44:27,650 --> 00:44:26,640

accelerates mental activity I could do

923

00:44:30,229 --> 00:44:27,660

with some of that right now while I

924

00:44:32,509 --> 00:44:30,239

finish my assignment later today it's

925

00:44:34,339 --> 00:44:32,519

all worth it you see but well what a big

926

00:44:35,989 --> 00:44:34,349

turnout I mean I I've been coming to

927

00:44:36,920 --> 00:44:35,999

this funny fair for many many years and

928

00:44:39,170 --> 00:44:36,930

I think this is one of the biggest

929

00:44:40,910 --> 00:44:39,180

turnouts I've ever seen so there you go

930

00:44:42,680 --> 00:44:40,920

there are people there are people who

931

00:44:45,620 --> 00:44:42,690

are interested in the new age still

932

00:44:47,479 --> 00:44:45,630

honestly that the turnouts so big it's

933

00:44:49,009 --> 00:44:47,489

almost a little bit stressful there's so

934

00:44:50,329 --> 00:44:49,019

many people here like I feel like this

935

00:44:53,120 --> 00:44:50,339

is supposed to be where you go to feel

936

00:44:55,039 --> 00:44:53,130

really calm and chill or I don't know

937

00:44:56,690 --> 00:44:55,049

something positive and good energy blah

938

00:44:59,450 --> 00:44:56,700

blah blah but mostly it's just a lot of

939

00:45:01,130 --> 00:44:59,460

people bumping into my shoulders a lot

940

00:45:03,380 --> 00:45:01,140

of bumping into people today what we'll

941

00:45:05,749 --> 00:45:03,390

finish our coffees and we might be able

942

00:45:08,450 --> 00:45:05,759

to find ilithya and Trish who are lost

943

00:45:10,249 --> 00:45:08,460

somewhere it was wrong where are they

944

00:45:12,529 --> 00:45:10,259

they're doing a hearing test they're

945

00:45:13,940 --> 00:45:12,539

doing I didn't know that but I don't

946

00:45:15,559 --> 00:45:13,950

know if it's a pseudoscience hearing

947

00:45:17,539 --> 00:45:15,569

tests or a real one that's just you know

948

00:45:19,069 --> 00:45:17,549

come along here for the business I might

949

00:45:20,539 --> 00:45:19,079

be wrong they look like the hearing test

950

00:45:22,220 --> 00:45:20,549

was legitimate but they were trying to

951
00:45:24,470 --> 00:45:22,230
sell something which could improve your

952
00:45:27,900 --> 00:45:24,480
hearing I might be wrong on that well

953
00:45:34,500 --> 00:45:27,910
I've got a below we'll find out soon

954
00:45:38,800 --> 00:45:36,550
well you've heard Escape from Alcatraz

955
00:45:41,050 --> 00:45:38,810
we've escaped from mind body wallet oh

956
00:45:44,320 --> 00:45:41,060
hello Lara's bought me a lovely dessert

957
00:45:45,790 --> 00:45:44,330
here is a cool let me open this up were

958
00:45:48,130 --> 00:45:45,800
you sitting here in darling harbour and

959
00:45:51,340 --> 00:45:48,140
some of the cafes and oh it's a little

960
00:45:54,520 --> 00:45:51,350
caramel tart it looks amazing

961
00:45:57,430 --> 00:45:54,530
Merry Christmas indeed so Trish and

962
00:45:59,560 --> 00:45:57,440
Olivia you left us to go to hear a

963
00:46:02,700 --> 00:45:59,570

fascinating talk what was that like I

964

00:46:05,020 --> 00:46:02,710

was called the art of Oracle reading and

965

00:46:06,760 --> 00:46:05,030

honor was napping there were like at

966

00:46:09,400 --> 00:46:06,770

least six or seven people actually

967

00:46:13,720 --> 00:46:09,410

asleep and we were struggling it was

968

00:46:16,990 --> 00:46:13,730

such a Content free talk by a very nice

969

00:46:18,640 --> 00:46:17,000

lady with a soothing voice that was

970

00:46:22,120 --> 00:46:18,650

absolutely gorgeous but you still just

971

00:46:24,040 --> 00:46:22,130

think oh can you can you not so with

972

00:46:26,620 --> 00:46:24,050

this very hypnotic quality to her voice

973

00:46:29,350 --> 00:46:26,630

that made it very hard to stay awake

974

00:46:33,310 --> 00:46:29,360

during the nothing she was saying for a

975

00:46:35,410 --> 00:46:33,320

lot everyone in there was already a

976

00:46:37,600 --> 00:46:35,420

witch of some sort they already had an

977

00:46:40,300 --> 00:46:37,610

oracle card decked and they they already

978

00:46:41,680 --> 00:46:40,310

had altars in their home it was the

979

00:46:43,359 --> 00:46:41,690

assumption that was the assumption of

980

00:46:45,280 --> 00:46:43,369

what she'll assume about arms it does

981

00:46:47,290 --> 00:46:45,290

accept us I didn't realize that was the

982

00:46:49,300 --> 00:46:47,300

difference between Tarot and Oracle but

983

00:46:52,359 --> 00:46:49,310

it seems like there's a little bit of a

984

00:46:55,390 --> 00:46:52,369

err yeah yeah regarded as being darker

985

00:46:57,820 --> 00:46:55,400

doesn't it like tarot is dark with evil

986

00:46:58,060 --> 00:46:57,830

the energy I wasn't to wear but there

987

00:47:00,790 --> 00:46:58,070

you go

988

00:47:02,800 --> 00:47:00,800

Star has death cards and they don't

989

00:47:05,170 --> 00:47:02,810

always mean death remember it could be

990

00:47:06,280 --> 00:47:05,180

the change of the career or what was

991

00:47:08,080 --> 00:47:06,290

here the other thing they talked about

992

00:47:10,870 --> 00:47:08,090

the death of a bad habit that was one

993

00:47:13,690 --> 00:47:10,880

thing I've seen brought up it's all good

994

00:47:15,820 --> 00:47:13,700

it's all good well I'm pleased that I

995

00:47:17,260 --> 00:47:15,830

said I wouldn't come back to mind body

996

00:47:18,849 --> 00:47:17,270

wallet this year but I did and I'm

997

00:47:21,400 --> 00:47:18,859

pleased I did actually it's recharge the

998

00:47:24,070 --> 00:47:21,410

battery somewhat so would you generally

999

00:47:27,330 --> 00:47:24,080

recommend mind body wallet I think every

1000

00:47:31,150 --> 00:47:27,340

skeptic should go at least once to

1001
00:47:34,540 --> 00:47:31,160
engage with what we're is and I think

1002
00:47:37,090 --> 00:47:34,550
that's why we've come but apart from a

1003
00:47:39,970 --> 00:47:37,100
lot of oh and there was a lot of work

1004
00:47:41,700 --> 00:47:39,980
there's also some genuinely nice little

1005
00:47:44,400 --> 00:47:41,710
stalls during food

1006
00:47:46,500 --> 00:47:44,410
no hearing tested by a legit hearing

1007
00:47:50,700 --> 00:47:46,510
testing company and I got some amazing

1008
00:47:54,000 --> 00:47:50,710
ginger staff like yeah I do yeah is it

1009
00:47:55,589 --> 00:47:54,010
in fact I think looking that's my lemon

1010
00:47:57,480 --> 00:47:55,599
lime and ginger drink there's it's

1011
00:47:59,640 --> 00:47:57,490
lovely stuff so yeah I think the general

1012
00:48:01,950 --> 00:47:59,650
consensus is skeptics go to a mind body

1013
00:48:03,660 --> 00:48:01,960

wallet absolutely any on so much not

1014

00:48:05,910 --> 00:48:03,670

only about what's going on but about

1015

00:48:08,280 --> 00:48:05,920

yourself as well like some people can go

1016

00:48:09,359 --> 00:48:08,290

along and just be silent and just listen

1017

00:48:11,970 --> 00:48:09,369

and some people can be a bit

1018

00:48:13,290 --> 00:48:11,980

antagonistic and it's all about testing

1019

00:48:16,770 --> 00:48:13,300

yourself seeing whether you're capable

1020

00:48:18,660 --> 00:48:16,780

of being a well I pretended to be vegan

1021

00:48:22,260 --> 00:48:18,670

for a good five seconds I'll have you

1022

00:48:24,720 --> 00:48:22,270

know look thank you stranger things down

1023

00:48:26,730 --> 00:48:24,730

under for having me along with you if

1024

00:48:28,290 --> 00:48:26,740

your mind body welded experience and I

1025

00:48:29,640 --> 00:48:28,300

look forward to the neat that's all

1026

00:48:32,280 --> 00:48:29,650

right I look forward to the next

1027

00:48:36,100 --> 00:48:32,290

stranger things adventure next weekend

1028

00:48:46,440 --> 00:48:36,110

Oh ghosts right

1029

00:48:50,440 --> 00:48:48,820

hi this is Ben Radford and this is

1030

00:48:52,630 --> 00:48:50,450

Pascual Romero from the squaring the

1031

00:48:54,520 --> 00:48:52,640

strange podcast every week my co-host

1032

00:48:56,920 --> 00:48:54,530

and I cast a skeptical eye at a

1033

00:48:58,840 --> 00:48:56,930

different topic monsters ghosts demons

1034

00:49:00,940 --> 00:48:58,850

mysteries and even current events are

1035

00:49:02,980 --> 00:49:00,950

dissected and discussed with a fun

1036

00:49:04,750 --> 00:49:02,990

unscripted and skeptical take that

1037

00:49:07,210 --> 00:49:04,760

you're sure to enjoy - is squaring

1038

00:49:11,710 --> 00:49:07,220

strange comm iTunes or on your favorite

1039

00:49:22,780 --> 00:49:20,640

[Music]

1040

00:49:25,059 --> 00:49:22,790

here's another update from the

1041

00:49:28,299 --> 00:49:25,069

Australian skeptics website at skeptics

1042

00:49:30,849 --> 00:49:28,309

calm today you written by Tim Mendham is

1043

00:49:36,390 --> 00:49:30,859

a busy man published on the 23rd of May

1044

00:49:40,589 --> 00:49:36,400

2017 experimental Webster technique

1045

00:49:43,359 --> 00:49:40,599

approved by Chiropractic Australia

1046

00:49:46,900 --> 00:49:43,369

chiropractic is in the news again or

1047

00:49:48,130 --> 00:49:46,910

should that be still in the news the ABC

1048

00:49:51,010 --> 00:49:48,140

radio nationals

1049

00:49:53,890 --> 00:49:51,020

the world today program ran a piece on

1050

00:49:56,170 --> 00:49:53,900

chiropractors who are still advertising

1051
00:49:58,930 --> 00:49:56,180
their provision of the Webster technique

1052
00:50:01,240 --> 00:49:58,940
to pregnant women in defiance of

1053
00:50:04,720 --> 00:50:01,250
warnings from the chiropractic board and

1054
00:50:06,910 --> 00:50:04,730
the College of Obstetricians to stop it

1055
00:50:10,780 --> 00:50:06,920
the Webster technique is used by

1056
00:50:13,089 --> 00:50:10,790
chiropractors to quote adjust when quote

1057
00:50:15,970 --> 00:50:13,099
the spines of pregnant women to quote

1058
00:50:18,880 --> 00:50:15,980
assure normal delivery unquote and to

1059
00:50:22,240 --> 00:50:18,890
prevent breech birth caused by quote

1060
00:50:24,609 --> 00:50:22,250
intrauterine constraint include it

1061
00:50:27,609 --> 00:50:24,619
involves turning the baby within the

1062
00:50:31,059 --> 00:50:27,619
womb according to the website Cairo base

1063
00:50:33,940 --> 00:50:31,069

quote this dubious treatment is based on

1064

00:50:36,940 --> 00:50:33,950

the equally dubious theory that vertical

1065

00:50:39,160 --> 00:50:36,950

subluxations can cause malfunction in

1066

00:50:41,620 --> 00:50:39,170

the uterus by putting pressure on spinal

1067

00:50:43,780 --> 00:50:41,630

nerves reliance on the Webster technique

1068

00:50:46,660 --> 00:50:43,790

during the final weeks of pregnancy can

1069

00:50:49,510 --> 00:50:46,670

endanger both the mother and the child

1070

00:50:51,640 --> 00:50:49,520

end quote in his interview with radio

1071

00:50:54,370 --> 00:50:51,650

national the national president of

1072

00:50:56,410 --> 00:50:54,380

chiropractic Australia rod Bonello

1073

00:50:59,620 --> 00:50:56,420

said that this practice by chiropractors

1074

00:51:04,059 --> 00:50:59,630

is okay because the Webster technique is

1075

00:51:06,339 --> 00:51:04,069

an quote experiment in quote the Webster

1076

00:51:08,609 --> 00:51:06,349

technique quote should be regarded as an

1077

00:51:11,049 --> 00:51:08,619

experimental technique in quote he said

1078

00:51:12,220 --> 00:51:11,059

quote there are many treatments in

1079

00:51:14,980 --> 00:51:12,230

health care across all health

1080

00:51:17,319 --> 00:51:14,990

professions where the evidence is either

1081

00:51:19,240 --> 00:51:17,329

very thin or non-existent and yet

1082

00:51:21,880 --> 00:51:19,250

practitioners still see value in this

1083

00:51:24,280 --> 00:51:21,890

technique banquet later in the interview

1084

00:51:25,090 --> 00:51:24,290

banila said that the problem is that

1085

00:51:26,920 --> 00:51:25,100

chiropractor

1086

00:51:30,160 --> 00:51:26,930

have not updated their advertising

1087

00:51:32,470 --> 00:51:30,170

websites last year campaigner Ken

1088

00:51:35,560 --> 00:51:32,480

MacLeod alerted the Australian health

1089

00:51:37,600 --> 00:51:35,570

practitioner regulation agency and the

1090

00:51:40,930 --> 00:51:37,610

chiropractic Board of Australia to more

1091

00:51:43,300 --> 00:51:40,940

than 100 websites advertising the

1092

00:51:45,430 --> 00:51:43,310

technique he says it's not just an issue

1093

00:51:48,100 --> 00:51:45,440

of the practitioners not updating their

1094

00:51:51,370 --> 00:51:48,110

website quote it's that the board

1095

00:51:53,380 --> 00:51:51,380

doesn't know and doesn't care if the

1096

00:51:55,300 --> 00:51:53,390

chiropractors are performing the Webster

1097

00:51:57,490 --> 00:51:55,310

technique but as long as they don't

1098

00:52:00,910 --> 00:51:57,500

admit to it on their websites

1099

00:52:04,120 --> 00:52:00,920

imagine a major airline saying we don't

1100

00:52:07,270 --> 00:52:04,130

know if our pilots are flying below the

1101
00:52:08,970 --> 00:52:07,280
lowest safe altitudes and don't care as

1102
00:52:11,650 --> 00:52:08,980
long as they don't talk about it

1103
00:52:13,980 --> 00:52:11,660
Manolos comments were flippant and

1104
00:52:17,860 --> 00:52:13,990
possibly dangerous and quote McLeod says

1105
00:52:20,260 --> 00:52:17,870
quote his experiment is outside of

1106
00:52:22,600 --> 00:52:20,270
strictly controlled clinical trials

1107
00:52:25,600 --> 00:52:22,610
there's no control group no ethics

1108
00:52:28,420 --> 00:52:25,610
approval no adverse reactions register

1109
00:52:30,640 --> 00:52:28,430
in his experiment and the chiropractic

1110
00:52:32,950 --> 00:52:30,650
board has never implemented the required

1111
00:52:35,560 --> 00:52:32,960
adverse reactions register for

1112
00:52:37,780 --> 00:52:35,570
chiropractors further chiropractors are

1113
00:52:41,110 --> 00:52:37,790

advertising the Webster technique as a

1114

00:52:43,930 --> 00:52:41,120

safe and effective technique not as an

1115

00:52:45,940 --> 00:52:43,940

experiment this brings in Australian

1116

00:52:48,070 --> 00:52:45,950

Consumer Law as chiropractors in the

1117

00:52:51,130 --> 00:52:48,080

board are engaging in misleading and

1118

00:52:53,650 --> 00:52:51,140

deceptive conduct in quote McLeod says

1119

00:52:57,220 --> 00:52:53,660

he is yet to hear back from the AHPRA or

1120

00:52:59,770 --> 00:52:57,230

CBA quote another reason for a Senate

1121

00:53:02,570 --> 00:52:59,780

inquiry into chiropractic in quote he

1122

00:53:06,290 --> 00:53:04,190

and that I played comes to us from the

1123

00:53:08,970 --> 00:53:06,300

website of Australian skeptics skeptics

1124

00:53:30,210 --> 00:53:08,980

calm a you

1125

00:53:35,410 --> 00:53:32,500

thank you for listening to the skeptic

1126

00:53:37,330 --> 00:53:35,420

zone and you'll notice that there are

1127

00:53:40,750 --> 00:53:37,340

certainly a lot of sceptical conventions

1128

00:53:44,020 --> 00:53:40,760

and conferences and all sorts of things

1129

00:53:47,190 --> 00:53:44,030

coming up well for the rest of the year

1130

00:53:50,530 --> 00:53:47,200

everywhere from Poland to New York to

1131

00:53:51,670 --> 00:53:50,540

Las Vegas to right here in Sydney with

1132

00:53:53,440 --> 00:53:51,680

the Australian skeptics National

1133

00:53:55,660 --> 00:53:53,450

Convention later in November more news

1134

00:53:57,790 --> 00:53:55,670

about that of course over the next few

1135

00:53:59,470 --> 00:53:57,800

months and in a few weeks I'll be

1136

00:54:02,140 --> 00:53:59,480

looking forward to seeing all my friends

1137

00:54:04,240 --> 00:54:02,150

and skeptics and fans at the Northeast

1138

00:54:06,730 --> 00:54:04,250

Conference of science and skepticism I

1139

00:54:08,410 --> 00:54:06,740

have never been to New York before so

1140

00:54:11,170 --> 00:54:08,420

I'm really looking forward to that and

1141

00:54:16,540 --> 00:54:11,180

lucky me I get to spend a couple of days

1142

00:54:19,360 --> 00:54:16,550

in Connecticut before the event and in

1143

00:54:21,370 --> 00:54:19,370

something as an aside about me I am

1144

00:54:23,940 --> 00:54:21,380

actually very interested in American

1145

00:54:26,410 --> 00:54:23,950

history I find it quite fascinating

1146

00:54:27,820 --> 00:54:26,420

going back to the Revolution

1147

00:54:30,190 --> 00:54:27,830

pre-revolution and some of the

1148

00:54:33,340 --> 00:54:30,200

characters the founding fathers and the

1149

00:54:36,370 --> 00:54:33,350

goings-on of that time period so it'll

1150

00:54:38,500 --> 00:54:36,380

be really interesting for me to be sort

1151
00:54:40,480 --> 00:54:38,510
of amongst some of the the early history

1152
00:54:42,310 --> 00:54:40,490
of the United States but then again I

1153
00:54:45,010 --> 00:54:42,320
find historical things pretty

1154
00:54:47,020 --> 00:54:45,020
interesting in general and I must say as

1155
00:54:50,170 --> 00:54:47,030
the years have gone by the access that

1156
00:54:53,860 --> 00:54:50,180
we all have to information regardless of

1157
00:54:56,260 --> 00:54:53,870
what it is but in my case the finding

1158
00:54:58,390 --> 00:54:56,270
out about history is just increased so

1159
00:55:01,210 --> 00:54:58,400
many folds it's ridiculous

1160
00:55:04,780 --> 00:55:01,220
good old YouTube is awash with quality

1161
00:55:07,270 --> 00:55:04,790
documentaries on on history really good

1162
00:55:09,880 --> 00:55:07,280
stuff BBC documentaries stuff from PBS

1163
00:55:11,440 --> 00:55:09,890

in the States it's a made I mean there's

1164

00:55:15,520 --> 00:55:11,450

a lot of rubbish on YouTube of course a

1165

00:55:18,280 --> 00:55:15,530

lot of conspiracy theory rat bags and

1166

00:55:22,420 --> 00:55:18,290

nut cases and man whatever but there's

1167

00:55:24,310 --> 00:55:22,430

so much good stuff for education right

1168

00:55:25,900 --> 00:55:24,320

sometimes wonder what it would have been

1169

00:55:27,400 --> 00:55:25,910

like if I had access to all this stuff

1170

00:55:30,130 --> 00:55:27,410

when I was going through high school

1171

00:55:32,590 --> 00:55:30,140

maybe I would have done better before I

1172

00:55:35,080 --> 00:55:32,600

leave you I noticed that his new bunga

1173

00:55:38,110 --> 00:55:35,090

bunga podcast out by Maynard and Tim

1174

00:55:40,300 --> 00:55:38,120

Ferguson at Maynard comdataís you they

1175

00:55:41,560 --> 00:55:40,310

record that in the Madame frou frou cafe

1176

00:55:43,420 --> 00:55:41,570

in glebe

1177

00:55:47,320 --> 00:55:43,430

we Point Road this is not an ad for the

1178

00:55:48,850 --> 00:55:47,330

cafe but I often find myself there to do

1179

00:55:51,160 --> 00:55:48,860

work on the skeptic zone or write

1180

00:55:55,360 --> 00:55:51,170

reports or whatever having a wonderful

1181

00:55:58,360 --> 00:55:55,370

coffee it's it's a nice little cafe with

1182

00:56:00,010 --> 00:55:58,370

with friendly staff and always lots of

1183

00:56:02,650 --> 00:56:00,020

laughs and it's great to catch up with

1184

00:56:05,500 --> 00:56:02,660

men are the Madame frou frou cafe maybe

1185

00:56:08,620 --> 00:56:05,510

I should make this a commercial in fact

1186

00:56:10,210 --> 00:56:08,630

one of my one of my little pleasures in

1187

00:56:12,040 --> 00:56:10,220

life is to go there and have a nice flat

1188

00:56:14,320 --> 00:56:12,050

white coffee and they always make

1189

00:56:16,870 --> 00:56:14,330

wonderful coffee out for me and a couple

1190

00:56:18,190 --> 00:56:16,880

of slices of peanut butter toast oh yeah

1191

00:56:21,310 --> 00:56:18,200

well I'm going to think about that for

1192

00:56:23,500 --> 00:56:21,320

the next week and but until then this is

1193

00:56:29,800 --> 00:56:23,510

Richard Saunders signing off from Sydney

1194

00:56:32,410 --> 00:56:29,810

Australia you've been listening to the

1195

00:56:36,250 --> 00:56:32,420

skeptic zone podcast visit our website

1196

00:56:39,580 --> 00:56:36,260

at WWF Tech's on TV for contacts and

1197

00:56:42,700 --> 00:56:39,590

archive of all episodes since 2008 and

1198

00:56:44,740 --> 00:56:42,710

our online store please support the

1199

00:56:48,100 --> 00:56:44,750

skeptic zone by following us on twitter

1200

00:56:50,710 --> 00:56:48,110

at skeptic zone liking us on facebook

1201

00:56:52,930 --> 00:56:50,720

and leaving a review on itunes

1202

00:56:55,720 --> 00:56:52,940

you can also show your support by

1203

00:56:59,350 --> 00:56:55,730

subscribing via paypal for as little as

1204

00:57:01,570 --> 00:56:59,360

99 cents a week the skeptic zone is an

1205

00:57:03,460 --> 00:57:01,580

independent production the views and

1206

00:57:05,530 --> 00:57:03,470

opinions expressed on the skeptic zone

1207

00:57:08,560 --> 00:57:05,540

and not necessarily those Australian