

**THE
SKEPTIC
ZONE
PODCAST**

www.skepticzone.tv

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

[Music]

2
00:00:13,910 --> 00:00:09,110

welcome to the skeptic zone the podcast

3
00:00:16,840 --> 00:00:13,920

from Australia for science and reason

4
00:00:22,070 --> 00:00:16,850

[Applause]

5
00:00:25,470 --> 00:00:22,080

[Music]

6
00:00:31,130 --> 00:00:25,480

yes it's the skeptic zone episode number

7
00:00:34,650 --> 00:00:31,140

four four seven 447 for the 14th of May

8
00:00:37,380 --> 00:00:34,660

2017 Richardson is here from Sydney

9
00:00:40,470 --> 00:00:37,390

Australia happy Mother's Day to all the

10
00:00:42,420 --> 00:00:40,480

mothers listening today and happy

11
00:00:44,070 --> 00:00:42,430

birthday for yesterday for one of our

12
00:00:47,190 --> 00:00:44,080

wonderful report is Heidi Robertson the

13
00:00:49,140 --> 00:00:47,200

Ross skeptic and she's going to be

14

00:00:53,100 --> 00:00:49,150

kicking off this week's episode of the

15

00:00:56,880 --> 00:00:53,110

skeptic zone a very telling report from

16

00:01:00,180 --> 00:00:56,890

Heidi and she makes a very very good

17

00:01:01,800 --> 00:01:00,190

point about those people who say well we

18

00:01:04,680 --> 00:01:01,810

don't vaccinate our kids and they're

19

00:01:07,590 --> 00:01:04,690

doing really well a very telling report

20

00:01:10,740 --> 00:01:07,600

indeed for the raw skeptic this week to

21

00:01:13,109 --> 00:01:10,750

kick off the skeptic zone after Heidi

22

00:01:15,719 --> 00:01:13,119

and her raw skeptic report brouhaha

23

00:01:18,540 --> 00:01:15,729

sites from Australia science dot TV a

24

00:01:21,260 --> 00:01:18,550

bit of an unusual one this week Ben

25

00:01:25,020 --> 00:01:21,270

Lewis is going to be looking at leaking

26

00:01:27,630 --> 00:01:25,030

scientific emails leaking scientific

27

00:01:29,789 --> 00:01:27,640

emails it's a bit odd stay tuned for

28

00:01:31,980 --> 00:01:29,799

that one then following that it's an

29

00:01:33,360 --> 00:01:31,990

interview with Clare Klingenberg all the

30

00:01:37,200 --> 00:01:33,370

way from the Czech Republic

31

00:01:38,609 --> 00:01:37,210

Clare's going to be updating us updating

32

00:01:42,780 --> 00:01:38,619

us on the news about the upcoming

33

00:01:44,730 --> 00:01:42,790

European skeptics Congress in Poland

34

00:01:45,270 --> 00:01:44,740

beautiful Poland a bit later on this

35

00:01:47,550 --> 00:01:45,280

year

36

00:01:49,710 --> 00:01:47,560

find out who some of the speakers are

37

00:01:52,080 --> 00:01:49,720

and where it's going to be held with the

38

00:01:54,899 --> 00:01:52,090

Clare Klingenberg all the way on the

39

00:01:56,460 --> 00:01:54,909

line from the Czech Republic then to

40

00:01:59,070 --> 00:01:56,470

round off the show it's a bit of a blast

41

00:02:01,800 --> 00:01:59,080

from the not-too-distant past with dr.

42

00:02:06,810 --> 00:02:01,810

Ratey dr. Reggie reports now way back

43

00:02:10,130 --> 00:02:06,820

not too long ago in 2010 a dr. Aichi and

44

00:02:12,960 --> 00:02:10,140

former reporter dr. Chrissy appeared on

45

00:02:16,530 --> 00:02:12,970

Sydney radio live in the studio on the

46

00:02:18,960 --> 00:02:16,540

Glen wheeler nighttime show and dr.

47

00:02:21,150 --> 00:02:18,970

Chris Ian dr. reaches the power balance

48

00:02:24,539 --> 00:02:21,160

band of the time which is big news and

49

00:02:29,010 --> 00:02:24,549

applied kinesiology raining fish mind

50

00:02:31,199 --> 00:02:29,020

body wallet festivals and UFOs now it's

51
00:02:34,710 --> 00:02:31,209
worth pointing out that that our host

52
00:02:37,290 --> 00:02:34,720
and I appeared on Glenn wheeler show to

53
00:02:39,570 --> 00:02:37,300
from time to time some years back

54
00:02:42,120 --> 00:02:39,580
unfortunately Glen Wheeler had an

55
00:02:46,580 --> 00:02:42,130
accident on his I think was a moped or a

56
00:02:49,440 --> 00:02:46,590
little motorbike where a woman who was a

57
00:02:52,020 --> 00:02:49,450
little bit out of it on drugs sadly at

58
00:02:55,640 --> 00:02:52,030
the time crash into Glen Glen has had a

59
00:02:58,950 --> 00:02:55,650
very long recovery from his injuries and

60
00:03:01,230 --> 00:02:58,960
we see him appearing on TV from time to

61
00:03:03,090 --> 00:03:01,240
time but what a great time we had with

62
00:03:06,540 --> 00:03:03,100
Glen and what a great bloke he still is

63
00:03:09,600 --> 00:03:06,550

Glen used to do wonderful spoof cold

64

00:03:11,010 --> 00:03:09,610

readings on his show and Australians

65

00:03:14,370 --> 00:03:11,020

will certainly know who I'm talking

66

00:03:16,500 --> 00:03:14,380

about making a very strong recovery but

67

00:03:20,550 --> 00:03:16,510

it's certainly a long road for Glen

68

00:03:23,430 --> 00:03:20,560

Wheeler but hear him hear him from 2010

69

00:03:25,800 --> 00:03:23,440

with dr. Aichi and dr. Chrissy to round

70

00:03:28,949 --> 00:03:25,810

off the show now in the last couple of

71

00:03:38,370 --> 00:03:28,959

days this thing has invaded the skeptic

72

00:03:45,780 --> 00:03:40,650

no it's not some sort of weird alien

73

00:03:47,610 --> 00:03:45,790

moth or some people know might recognize

74

00:03:50,790 --> 00:03:47,620

that sound straightaway yes it's a

75

00:03:52,920 --> 00:03:50,800

fidget spinner mm-hmm years yes yes

76

00:03:55,890 --> 00:03:52,930

and as Maynard said after being

77

00:03:57,810 --> 00:03:55,900

photographed with one the fad is over if

78

00:04:01,170 --> 00:03:57,820

he's holding one the fad must be all

79

00:04:03,660 --> 00:04:01,180

over I don't know what to say about

80

00:04:06,420 --> 00:04:03,670

fidget spinners they are strangely

81

00:04:08,790 --> 00:04:06,430

addictive it's good fun they're okay

82

00:04:10,680 --> 00:04:08,800

but we're just waiting for more Wu to

83

00:04:13,290 --> 00:04:10,690

come out we sort of figure someone's

84

00:04:15,180 --> 00:04:13,300

going to invent a new pseudoscience put

85

00:04:17,000 --> 00:04:15,190

the fidget spinner under your glass give

86

00:04:20,370 --> 00:04:17,010

it a spin like an ago

87

00:04:24,570 --> 00:04:20,380

up it goes and it will energize your

88

00:04:28,260 --> 00:04:24,580

water with try make up your own

89

00:04:31,320 --> 00:04:28,270

pseudoscience here and we've certainly

90

00:04:34,740 --> 00:04:31,330

seen examples of a lot less impressive

91

00:04:36,750 --> 00:04:34,750

things apparently giving their magical

92

00:04:39,690 --> 00:04:36,760

energies to water another substance and

93

00:04:42,900 --> 00:04:39,700

so why not a fidget spinner how do you

94

00:04:45,060 --> 00:04:42,910

put it away stay over there even the

95

00:04:47,010 --> 00:04:45,070

cats like it Henrietta and more the

96

00:04:48,300 --> 00:04:47,020

skeptic zone cats if I put a fidget spin

97

00:04:50,910 --> 00:04:48,310

it out on the table it won't be long

98

00:04:53,190 --> 00:04:50,920

before I come over and try to to stop it

99

00:04:55,890 --> 00:04:53,200

and then they'll started again good

100

00:04:57,660 --> 00:04:55,900

grief what next now on last week's

101
00:04:59,400 --> 00:04:57,670
episode of the skeptic zone I mentioned

102
00:05:02,220 --> 00:04:59,410
all sorts of skeptical conventions

103
00:05:06,570 --> 00:05:02,230
coming up and the one that I didn't

104
00:05:09,690 --> 00:05:06,580
mention was skeptic on the Australian

105
00:05:13,080 --> 00:05:09,700
skeptics National Convention in fact

106
00:05:15,420 --> 00:05:13,090
this will be the 33rd National

107
00:05:17,880 --> 00:05:15,430
Convention for Australian skeptics and

108
00:05:21,500 --> 00:05:17,890
it's presented by think Inc and the

109
00:05:25,230 --> 00:05:21,510
Australian skeptics and ideas festival

110
00:05:27,930 --> 00:05:25,240
Saturday the 18th and Sunday the 19th of

111
00:05:30,090 --> 00:05:27,940
November at the city recital hall in

112
00:05:30,480 --> 00:05:30,100
Sydney and that's right in the middle of

113
00:05:34,860 --> 00:05:30,490

the city

114

00:05:39,740 --> 00:05:34,870

the website is skeptic on Australia org

115

00:05:42,159 --> 00:05:39,750

dot au and the blurb says

116

00:05:44,719 --> 00:05:42,169

[Music]

117

00:05:47,959 --> 00:05:44,729

the wait is over tickets are now

118

00:05:49,669 --> 00:05:47,969

available for skeptic on the 2017

119

00:05:51,139 --> 00:05:49,679

Australian skeptics National Convention

120

00:05:53,569 --> 00:05:51,149

The Skeptical

121

00:05:55,369 --> 00:05:53,579

highlight of the year our 33rd

122

00:05:57,379 --> 00:05:55,379

convention is being organized by

123

00:06:01,069 --> 00:05:57,389

thinking and will be held on November

124

00:06:04,219 --> 00:06:01,079

the 18th or 19th 2017 at the city

125

00:06:05,929 --> 00:06:04,229

recital hall angel place Sydney this

126

00:06:08,419 --> 00:06:05,939

promises to be a great event with

127

00:06:09,559 --> 00:06:08,429

speakers including science media star

128

00:06:11,899 --> 00:06:09,569

dr. Carl

129

00:06:14,509 --> 00:06:11,909

Priscilla scheme of course astronomer

130

00:06:17,479 --> 00:06:14,519

Alan Duffy YouTube super debunker

131

00:06:20,179 --> 00:06:17,489

captain disillusion comedian and MC

132

00:06:23,659 --> 00:06:20,189

Lawrence lung former naturopath and now

133

00:06:26,649 --> 00:06:23,669

critic evolve med Britt Hermes doctor

134

00:06:29,359 --> 00:06:26,659

and TV personality dr. Brad Makai

135

00:06:31,549 --> 00:06:29,369

award-winning documentary maker Sonja

136

00:06:34,129 --> 00:06:31,559

Pemberton Walkley award winning

137

00:06:37,039 --> 00:06:34,139

journalist cathy marks and dr.

138

00:06:39,019 --> 00:06:37,049

competition dr. veeram sharma more great

139

00:06:41,299 --> 00:06:39,029

speakers will be announced soon as well

140

00:06:43,519 --> 00:06:41,309

as news of the convention dinner on the

141

00:06:46,279 --> 00:06:43,529

night of Saturday the 18th of November

142

00:06:55,300 --> 00:06:46,289

single day and full weekend tickets are

143

00:07:00,879 --> 00:06:59,230

oh yes looking forward to that

144

00:07:03,160 --> 00:07:00,889

convention a bit later on in the year

145

00:07:04,720 --> 00:07:03,170

here in Sydney and goodness me there are

146

00:07:06,280 --> 00:07:04,730

a lot of conventions skeptical

147

00:07:08,050 --> 00:07:06,290

conventions coming up we'll be hearing

148

00:07:09,879 --> 00:07:08,060

from Claire soon about the one in the in

149

00:07:12,760 --> 00:07:09,889

Europe in Poland

150

00:07:16,510 --> 00:07:12,770

we've got announcement later on in this

151
00:07:19,930 --> 00:07:16,520
episode about a skeptic owl in Berkeley

152
00:07:22,540 --> 00:07:19,940
in California QED is coming up it'll the

153
00:07:26,170 --> 00:07:22,550
list goes on the list goes on if you

154
00:07:27,550 --> 00:07:26,180
have the opportunity this year for the

155
00:07:29,830 --> 00:07:27,560
rest of this year if you're near one of

156
00:07:31,659 --> 00:07:29,840
these conventions come along we've got

157
00:07:34,630 --> 00:07:31,669
the Northeast Conference of science and

158
00:07:38,080 --> 00:07:34,640
skepticism in New York coming up next

159
00:07:40,480 --> 00:07:38,090
month which I shall be at all sorts of

160
00:07:44,560 --> 00:07:40,490
wonderful conventions well now it's time

161
00:07:52,210 --> 00:07:44,570
for me to run downstairs and make myself

162
00:07:54,670 --> 00:07:52,220
a little selection of camembert um bleu

163
00:07:59,110 --> 00:07:54,680

cheese a little bit of blue cheese but a

164

00:08:03,219 --> 00:07:59,120

camembert some crackers nice big square

165

00:08:06,940 --> 00:08:03,229

crackers a few roasted peanuts beside

166

00:08:09,159 --> 00:08:06,950

that and a nice glass of ginger beer hmm

167

00:08:12,159 --> 00:08:09,169

that sounds okay to me well I do all

168

00:08:31,969 --> 00:08:12,169

that and enjoy all that I hope you enjoy

169

00:08:44,520 --> 00:08:35,940

it's the raw skeptic report with Heidi

170

00:08:46,500 --> 00:08:44,530

Robertson hello everyone

171

00:08:50,460 --> 00:08:46,510

Heidi Robertson here from the Northern

172

00:08:52,110 --> 00:08:50,470

Rivers vaccination supporters if you are

173

00:08:54,930 --> 00:08:52,120

at all familiar with the

174

00:08:57,150 --> 00:08:54,940

anti-vaccination movement you would have

175

00:09:00,330 --> 00:08:57,160

heard some of the typical tropes that

176

00:09:02,670 --> 00:09:00,340

are trotted out from why is my

177

00:09:06,720 --> 00:09:02,680

unvaccinated child a threat to your

178

00:09:10,980 --> 00:09:06,730

vaccinated child to vaccines are

179

00:09:14,490 --> 00:09:10,990

unnatural to vaccines weaken the immune

180

00:09:18,630 --> 00:09:14,500

system to the old tired and thoroughly

181

00:09:20,610 --> 00:09:18,640

debunked vaccines cause autism to Bill

182

00:09:24,390 --> 00:09:20,620

Gates is trying to depopulate the world

183

00:09:26,610 --> 00:09:24,400

through vaccinations - how can you

184

00:09:30,320 --> 00:09:26,620

inject your baby with aborted fetuses

185

00:09:33,240 --> 00:09:30,330

and monkeys kidneys I kid you not

186

00:09:35,970 --> 00:09:33,250

here in the Northern Rivers we have

187

00:09:37,710 --> 00:09:35,980

another common one now we live in a

188

00:09:40,220 --> 00:09:37,720

stunning part of the world as I often

189

00:09:43,200 --> 00:09:40,230

say with arguably the best beaches

190

00:09:46,080 --> 00:09:43,210

beautiful sprawling green countryside

191

00:09:48,660 --> 00:09:46,090

gorgeous weather and plenty of people

192

00:09:50,400 --> 00:09:48,670

who enjoy exercising outdoors and eating

193

00:09:52,890 --> 00:09:50,410

fresh produce either from their own

194

00:09:56,040 --> 00:09:52,900

gardens or from the myriad of roadside

195

00:09:59,520 --> 00:09:56,050

stalls and markets it's a popular

196

00:10:00,870 --> 00:09:59,530

tourist mecca for these reasons one

197

00:10:02,580 --> 00:10:00,880

would be forgiven for looking at this

198

00:10:05,700 --> 00:10:02,590

region and forgetting that polio

199

00:10:08,370 --> 00:10:05,710

diphtheria and measles are even a thing

200

00:10:10,260 --> 00:10:08,380

to be concerned about these days and in

201
00:10:13,350 --> 00:10:10,270
fact a prevailing argument from the

202
00:10:14,880 --> 00:10:13,360
vaccine deniers in this region is where

203
00:10:17,190 --> 00:10:14,890
are all the disease people in the

204
00:10:19,590 --> 00:10:17,200
Northern Rivers I don't see anyone sick

205
00:10:21,360 --> 00:10:19,600
with these diseases how can you say that

206
00:10:23,550 --> 00:10:21,370
the worst vaccination rates in Australia

207
00:10:27,450 --> 00:10:23,560
are causing danger to us when we don't

208
00:10:30,240 --> 00:10:27,460
see epidemics of these diseases it is

209
00:10:32,400 --> 00:10:30,250
truly staggering that vaccine deniers can

210
00:10:33,090 --> 00:10:32,410
continue to either not see what is

211
00:10:35,490 --> 00:10:33,100
happening

212
00:10:38,400 --> 00:10:35,500
around them or to see it and yet still

213
00:10:40,760 --> 00:10:38,410

explain it away somehow just last night

214

00:10:43,020 --> 00:10:40,770

I had a vaccine denying message me

215

00:10:44,730 --> 00:10:43,030

admitting that yes her mother had not

216

00:10:47,660 --> 00:10:44,740

vaccinated her as a child and she

217

00:10:51,270 --> 00:10:47,670

subsequently contracted measles mumps

218

00:10:52,920 --> 00:10:51,280

chickenpox and whooping cough but that

219

00:10:54,980 --> 00:10:52,930

she believed that these diseases were

220

00:10:57,990 --> 00:10:54,990

just rites of passage for a child

221

00:11:00,030 --> 00:10:58,000

never mind the babies and immune

222

00:11:01,800 --> 00:11:00,040

suppressed people she was exposed to

223

00:11:03,030 --> 00:11:01,810

throughout the course of these childhood

224

00:11:05,430 --> 00:11:03,040

rites of passage

225

00:11:08,100 --> 00:11:05,440

never mind the people who died from

226

00:11:11,430 --> 00:11:08,110

these diseases anyway

227

00:11:13,680 --> 00:11:11,440

it's easy for me to get off track if you

228

00:11:16,110 --> 00:11:13,690

can detect some frustration in my voice

229

00:11:18,810 --> 00:11:16,120

it's because this issue has become such

230

00:11:20,280 --> 00:11:18,820

an ingrained part of life now that I

231

00:11:22,020 --> 00:11:20,290

have to worry whenever I'm in the

232

00:11:23,570 --> 00:11:22,030

shopping center with my kids and we hear

233

00:11:26,040 --> 00:11:23,580

someone coughed

234

00:11:29,220 --> 00:11:26,050

instead of delighting in the vision of a

235

00:11:31,470 --> 00:11:29,230

new baby in the community I shudder when

236

00:11:34,920 --> 00:11:31,480

I see newborns being passed around here

237

00:11:37,350 --> 00:11:34,930

at social events last week it was

238

00:11:40,620 --> 00:11:37,360

revealed that the Northern Rivers had 37

239

00:11:44,040 --> 00:11:40,630

new cases of whooping cough in just one

240

00:11:46,500 --> 00:11:44,050

week let me just emphasize at this point

241

00:11:49,860 --> 00:11:46,510

that this figure is undoubtedly just the

242

00:11:52,440 --> 00:11:49,870

tip of the iceberg 37 notifications to

243

00:11:54,990 --> 00:11:52,450

public health does not mean that there

244

00:11:58,020 --> 00:11:55,000

are only 37 cases of the disease in the

245

00:11:59,790 --> 00:11:58,030

community in the past week the mistrust

246

00:12:02,520 --> 00:11:59,800

of the medical system means that when

247

00:12:04,170 --> 00:12:02,530

sick people do not seek the advice and

248

00:12:06,030 --> 00:12:04,180

treatment from their family general

249

00:12:09,030 --> 00:12:06,040

practitioner because they do not have

250

00:12:11,550 --> 00:12:09,040

one they may go to their local herb shop

251
00:12:13,800 --> 00:12:11,560
for advice or their naturopath or

252
00:12:16,080 --> 00:12:13,810
homeopathy or even their chiropractor

253
00:12:18,720 --> 00:12:16,090
who acts as their primary health care

254
00:12:23,310 --> 00:12:18,730
practitioner the vast majority of who

255
00:12:24,930 --> 00:12:23,320
are rabidly anti-vaccine themselves so a

256
00:12:27,750 --> 00:12:24,940
reasonable scenario for the Northern

257
00:12:31,110 --> 00:12:27,760
Rivers a mum or dad has a young child

258
00:12:34,110 --> 00:12:31,120
with a nasty persistent cough in they go

259
00:12:36,000 --> 00:12:34,120
to the local herb shop the local doctors

260
00:12:38,700 --> 00:12:36,010
don't know anything you see so you

261
00:12:40,170 --> 00:12:38,710
should avoid them at all costs mind you

262
00:12:42,510 --> 00:12:40,180
the doctors in an emergency department

263
00:12:45,030 --> 00:12:42,520

are okay for treating your child's

264

00:12:47,370 --> 00:12:45,040

broken leg or saving your life in the

265

00:12:49,710 --> 00:12:47,380

case of a heart attack but other than

266

00:12:53,009 --> 00:12:49,720

they are all out to purposely maim and

267

00:12:54,720 --> 00:12:53,019

kill our children so in they go to the

268

00:12:56,250 --> 00:12:54,730

herb shop and they speak with the

269

00:12:59,220 --> 00:12:56,260

naturopath behind the counter or a

270

00:13:02,340 --> 00:12:59,230

herbalist or a homeopathy this sales

271

00:13:04,560 --> 00:13:02,350

person may ask a few questions sometimes

272

00:13:07,880 --> 00:13:04,570

they do not even ask to see the patient

273

00:13:11,460 --> 00:13:07,890

so apparently no examination is required

274

00:13:13,949 --> 00:13:11,470

if an examination is performed it may

275

00:13:16,400 --> 00:13:13,959

consist of pseudo scientific procedures

276

00:13:19,350 --> 00:13:16,410

and questions involving chakras

277

00:13:21,630 --> 00:13:19,360

kinesiology or asking if the child has

278

00:13:25,949 --> 00:13:21,640

suffered any recent traumas that may

279

00:13:29,190 --> 00:13:25,959

have caused the quote disease and quote

280

00:13:32,069 --> 00:13:29,200

a definitive diagnosis of whooping cough

281

00:13:35,220 --> 00:13:32,079

is not made because they lack both the

282

00:13:38,340 --> 00:13:35,230

medical expertise may deny germ theory

283

00:13:41,060 --> 00:13:38,350

altogether and certainly do not take a

284

00:13:43,560 --> 00:13:41,070

swab and send it off to pathology

285

00:13:45,750 --> 00:13:43,570

therefore Public Health never hears of

286

00:13:47,610 --> 00:13:45,760

these patients and the child with

287

00:13:49,949 --> 00:13:47,620

whooping cough is free to run around in

288

00:13:52,319 --> 00:13:49,959

the community with various concoctions

289

00:13:54,870 --> 00:13:52,329

of herbal preparations onboard which

290

00:13:57,720 --> 00:13:54,880

have no evidence of efficacy are not

291

00:13:59,579 --> 00:13:57,730

regulated and in many cases do not even

292

00:14:02,550 --> 00:13:59,589

contain the same doses of active

293

00:14:06,000 --> 00:14:02,560

ingredient from batch to batch or they

294

00:14:07,889 --> 00:14:06,010

get sugar water I've done a report on

295

00:14:12,120 --> 00:14:07,899

whooping cough previously in episode

296

00:14:15,030 --> 00:14:12,130

number 335 of the sceptic Zone when baby

297

00:14:16,860 --> 00:14:15,040

Riley Hughes died from whooping cough in

298

00:14:20,519 --> 00:14:16,870

it I mentioned that the current vaccine

299

00:14:23,699 --> 00:14:20,529

although not perfect still has about an

300

00:14:27,180 --> 00:14:23,709

84% efficacy after three doses of

301
00:14:29,160 --> 00:14:27,190
preventing severe disease the vaccine we

302
00:14:32,069 --> 00:14:29,170
currently have is better at reducing the

303
00:14:35,120 --> 00:14:32,079
severity and not as good as preventing

304
00:14:37,769 --> 00:14:35,130
the disease itself altogether yes

305
00:14:40,259 --> 00:14:37,779
vaccinated people can still get whooping

306
00:14:44,430 --> 00:14:40,269
cough this does not equate to a vaccine

307
00:14:46,500 --> 00:14:44,440
failure and a vaccinated people do often

308
00:14:48,990 --> 00:14:46,510
in this area contract whooping cough

309
00:14:51,660 --> 00:14:49,000
because we literally have no herd

310
00:14:53,939 --> 00:14:51,670
immunity that is the less people

311
00:14:55,650 --> 00:14:53,949
vaccinated the more chance the disease

312
00:14:58,790 --> 00:14:55,660
has of spreading throughout the

313
00:15:00,930 --> 00:14:58,800

community which it is clearly doing here

314

00:15:03,180 --> 00:15:00,940

so take the 37

315

00:15:05,820 --> 00:15:03,190

cases diagnosed in the past week with a

316

00:15:09,600 --> 00:15:05,830

grain of salt it would not be surprising

317

00:15:11,280 --> 00:15:09,610

if it were easily double that rate but

318

00:15:13,530 --> 00:15:11,290

how does this compare with neighboring

319

00:15:15,810 --> 00:15:13,540

districts who have better vaccination

320

00:15:19,200 --> 00:15:15,820

rates and the rest of the state of New

321

00:15:21,360 --> 00:15:19,210

South Wales as a whole I quote from The

322

00:15:24,900 --> 00:15:21,370

Daily Telegraph article by Jane Hansen

323

00:15:28,670 --> 00:15:24,910

on the weekend which is titled whooping

324

00:15:31,800 --> 00:15:28,680

cough outbreak in anti VAX and clave

325

00:15:34,440 --> 00:15:31,810

quote the rate of whooping cough in the

326

00:15:36,360 --> 00:15:34,450

northern district is nine times that of

327

00:15:39,480 --> 00:15:36,370

the neighboring Mid North Coast health

328

00:15:42,060 --> 00:15:39,490

district which has only registered 17

329

00:15:44,520 --> 00:15:42,070

cases this year a Sunday Telegraph

330

00:15:46,490 --> 00:15:44,530

analysis of the local health districts

331

00:15:49,050 --> 00:15:46,500

revealed x' northern New South Wales

332

00:15:50,880 --> 00:15:49,060

also had a much higher incidence of

333

00:15:55,800 --> 00:15:50,890

whooping cough than any other area in

334

00:15:59,520 --> 00:15:55,810

the state in 2016 as well a total of

335

00:16:02,120 --> 00:15:59,530

10,000 832 New South Wales children

336

00:16:04,710 --> 00:16:02,130

contracted whooping cough statewide in

337

00:16:07,620 --> 00:16:04,720

2016 according to New South Wales health

338

00:16:10,140 --> 00:16:07,630

data children living in the north coast

339

00:16:12,540 --> 00:16:10,150

region which has the lowest vaccination

340

00:16:14,370 --> 00:16:12,550

rate in the country suffered four times

341

00:16:20,310 --> 00:16:14,380

more whooping cough than comparable

342

00:16:23,070 --> 00:16:20,320

areas in 2016 and quote and then further

343

00:16:25,370 --> 00:16:23,080

on in the article quote the northern New

344

00:16:28,080 --> 00:16:25,380

South Wales Health District registered

345

00:16:30,960 --> 00:16:28,090

518 cases of whooping cough in children

346

00:16:32,910 --> 00:16:30,970

last year almost four times the rate of

347

00:16:37,800 --> 00:16:32,920

the Mid North Coast Health District

348

00:16:40,050 --> 00:16:37,810

which registered only 158 cases the two

349

00:16:42,360 --> 00:16:40,060

health districts have similar population

350

00:16:44,520 --> 00:16:42,370

numbers but the Mid North Coast has a

351
00:16:48,240 --> 00:16:44,530
higher vaccination rate and therefore

352
00:16:50,970 --> 00:16:48,250
better third immunity for Central Coast

353
00:16:53,190 --> 00:16:50,980
local health district which boasts some

354
00:16:57,150 --> 00:16:53,200
of the highest immunization rates in New

355
00:16:59,670 --> 00:16:57,160
South Wales only registered 372 cases

356
00:17:02,480 --> 00:16:59,680
despite a greater population than

357
00:17:05,449 --> 00:17:02,490
northern New South Wales and quote and

358
00:17:08,220 --> 00:17:05,459
again further in the article quote

359
00:17:10,650 --> 00:17:08,230
Australian Medical Association president

360
00:17:12,540 --> 00:17:10,660
dr. Michael Gannon said whooping cough

361
00:17:14,400 --> 00:17:12,550
rates in northern New South Wales were

362
00:17:16,890 --> 00:17:14,410
probably much higher than recall

363
00:17:19,559 --> 00:17:16,900

figures because many in the community as

364

00:17:23,069 --> 00:17:19,569

to the GP favor of alternative

365

00:17:25,620 --> 00:17:23,079

practitioners he said a lot would not

366

00:17:27,240 --> 00:17:25,630

get diagnosed people should hold their

367

00:17:29,340 --> 00:17:27,250

breath when driving through northern New

368

00:17:33,060 --> 00:17:29,350

South Wales but it's a bit hard to hold

369

00:17:34,770 --> 00:17:33,070

your breath for 100 kilometres the

370

00:17:36,500 --> 00:17:34,780

director of the north coast Public

371

00:17:39,150 --> 00:17:36,510

Health Unit told The Sunday Telegraph

372

00:17:41,700 --> 00:17:39,160

that the community is at a much greater

373

00:17:42,890 --> 00:17:41,710

risk of outbreaks that can run out of

374

00:17:45,240 --> 00:17:42,900

control

375

00:17:48,930 --> 00:17:45,250

communities with low vaccination levels

376

00:17:50,930 --> 00:17:48,940

will have more disease he said two

377

00:17:54,150 --> 00:17:50,940

babies died in the region during the

378

00:17:55,920 --> 00:17:54,160

2009 to 2012 outbreak of whooping cough

379

00:17:58,710 --> 00:17:55,930

at one month old

380

00:18:00,720 --> 00:17:58,720

both Dana McCaffrey and Kahless Smith

381

00:18:03,720 --> 00:18:00,730

were too young to be vaccinated and

382

00:18:06,380 --> 00:18:03,730

succumbed to the horrid disease in 2009

383

00:18:09,210 --> 00:18:06,390

and 2011 respectively

384

00:18:11,390 --> 00:18:09,220

Tony McCaffrey has campaigned for a

385

00:18:13,620 --> 00:18:11,400

targeted campaign to address

386

00:18:17,100 --> 00:18:13,630

immunisation rates in the region since

387

00:18:19,500 --> 00:18:17,110

the death of her daughter Dana quote the

388

00:18:22,860 --> 00:18:19,510

perfect storm when Dana died is brewing

389

00:18:25,200 --> 00:18:22,870

again it's crucial pregnant women in the

390

00:18:28,350 --> 00:18:25,210

area get that booster shot to protect

391

00:18:32,340 --> 00:18:28,360

their newborns and quote mrs. McCaffrey

392

00:18:35,100 --> 00:18:32,350

said quote when Dana died whooping cough

393

00:18:36,990 --> 00:18:35,110

was four times the rate as well we need

394

00:18:39,330 --> 00:18:37,000

to explain to parents why they should

395

00:18:40,770 --> 00:18:39,340

vaccinate their child and educate them

396

00:18:43,770 --> 00:18:40,780

about the diseases that they are

397

00:18:46,590 --> 00:18:43,780

preventing in many cases there is no

398

00:18:49,010 --> 00:18:46,600

cure and all that modern medicine can do

399

00:18:55,380 --> 00:18:49,020

is support a child through it

400

00:18:58,020 --> 00:18:55,390

mrs. McCaffrey said end quote so what

401
00:19:01,740 --> 00:18:58,030
are the anti-vaccine about these telling

402
00:19:05,640 --> 00:19:01,750
figures so far I've seen the following

403
00:19:07,890 --> 00:19:05,650
comments quote I do put the health of my

404
00:19:09,990 --> 00:19:07,900
children above others when I spoke to a

405
00:19:12,420 --> 00:19:10,000
very pro vaccine professor of medicine

406
00:19:14,610 --> 00:19:12,430
more than 20 years ago he told me the

407
00:19:17,130 --> 00:19:14,620
best advice he could give was for me not

408
00:19:18,570 --> 00:19:17,140
to vaccinate my kids but for everyone

409
00:19:23,550 --> 00:19:18,580
else to do so for the herd immunity

410
00:19:28,110 --> 00:19:23,560
effect end quote and quote I have not

411
00:19:30,210 --> 00:19:28,120
and would not subject myself of my

412
00:19:33,990 --> 00:19:30,220
children to these barbaric drugs

413
00:19:37,410 --> 00:19:34,000

designed to cull population and weaken

414

00:19:40,350 --> 00:19:37,420

people's minds wake up and stop being

415

00:19:43,650 --> 00:19:40,360

sheep people we don't need them it's

416

00:19:48,540 --> 00:19:43,660

just another form of government control

417

00:19:50,730 --> 00:19:48,550

and quote and here's a pearler quote the

418

00:19:53,550 --> 00:19:50,740

Muslims are bringing the disease's back

419

00:19:58,080 --> 00:19:53,560

mate and you are falling for it end

420

00:20:00,480 --> 00:19:58,090

quote those quotes above we're all just

421

00:20:04,440 --> 00:20:00,490

on the stop the AVN Facebook page under

422

00:20:06,510 --> 00:20:04,450

the post on this story in an anti

423

00:20:08,700 --> 00:20:06,520

vaccination group one prominent

424

00:20:10,770 --> 00:20:08,710

campaigner was celebrating the return of

425

00:20:15,300 --> 00:20:10,780

whooping cough by posting the article

426

00:20:18,540 --> 00:20:15,310

alongside her comment we are winning yep

427

00:20:20,430 --> 00:20:18,550

just a small sample I cannot go to the

428

00:20:23,370 --> 00:20:20,440

other anti vaccination forums to see

429

00:20:26,220 --> 00:20:23,380

what has been posted due to a selfish

430

00:20:30,570 --> 00:20:26,230

self interest in maintaining my mental

431

00:20:33,210 --> 00:20:30,580

health some may say what's left of it

432

00:20:35,310 --> 00:20:33,220

after this story broke with these

433

00:20:37,620 --> 00:20:35,320

statistics we thought it would be a good

434

00:20:40,530 --> 00:20:37,630

time to also ask for some other

435

00:20:42,480 --> 00:20:40,540

statistics to be released it would be

436

00:20:45,120 --> 00:20:42,490

interesting to know what the uptake is

437

00:20:47,310 --> 00:20:45,130

of the maternal third trimester whooping

438

00:20:49,440 --> 00:20:47,320

cough booster specifically in our area

439

00:20:51,930 --> 00:20:49,450

to see if it correlates at all with the

440

00:20:53,490 --> 00:20:51,940

increase in whooping cough outbreaks the

441

00:20:56,520 --> 00:20:53,500

maternal booster has been offered to

442

00:21:00,120 --> 00:20:56,530

women free of charge since March or

443

00:21:02,640 --> 00:21:00,130

April of 2015 so it's been long enough

444

00:21:04,920 --> 00:21:02,650

to have seen a reduction in pitous if

445

00:21:08,070 --> 00:21:04,930

enough pregnant women here were taking

446

00:21:10,230 --> 00:21:08,080

up the vaccination so far we've been

447

00:21:13,730 --> 00:21:10,240

told that the data is due to be released

448

00:21:16,050 --> 00:21:13,740

soon so we'll keep you updated on that

449

00:21:18,630 --> 00:21:16,060

we have posted the link to the full

450

00:21:20,460 --> 00:21:18,640

Daily Telegraph story on our Facebook

451
00:21:23,670 --> 00:21:20,470
page northern rivers vaccination

452
00:21:26,250 --> 00:21:23,680
supporters and it has been widely shared

453
00:21:27,990 --> 00:21:26,260
which we are grateful for if any

454
00:21:30,570 --> 00:21:28,000
listeners would like to visit our page

455
00:21:33,360 --> 00:21:30,580
and give it a like or even occasionally

456
00:21:36,390 --> 00:21:33,370
share some of our posts it would be much

457
00:21:40,820 --> 00:21:36,400
appreciated we can also be found on

458
00:21:48,710 --> 00:21:40,830
twitter at in our VAX supporters VA ex

459
00:21:51,320 --> 00:21:48,720
and at WWN RVs info thank you again to

460
00:21:53,930 --> 00:21:51,330
Richard and all the wonderful skeptic

461
00:21:58,159 --> 00:21:53,940
zone listeners for your ongoing support

462
00:22:01,490 --> 00:21:58,169
and encouragement that's it for me for

463
00:22:03,740 --> 00:22:01,500

now thank you for listening I hope to

464

00:22:06,560 --> 00:22:03,750

have another report out soon maybe even

465

00:22:10,770 --> 00:22:06,570

nonvaccine related this is Heidi

466

00:22:22,540 --> 00:22:21,390

[Music]

467

00:22:22,710 --> 00:22:22,550

[Applause]

468

00:22:24,920 --> 00:22:22,720

[Music]

469

00:22:28,640 --> 00:22:24,930

[Applause]

470

00:22:31,250 --> 00:22:28,650

save the date Sunday June the 11th for

471

00:22:33,260 --> 00:22:31,260

skeptic all the day long

472

00:22:37,460 --> 00:22:33,270

Northern California conference of

473

00:22:40,310 --> 00:22:37,470

science and skepticism featuring Eugenie

474

00:22:40,880 --> 00:22:40,320

see Scott science and pseudoscience of

475

00:22:43,520 --> 00:22:40,890

race

476

00:22:46,300 --> 00:22:43,530

Brian gunning challenging popular

477

00:22:50,510 --> 00:22:46,310

assumptions and roof-rack noise

478

00:22:51,280 --> 00:22:50,520

pseudoscience advice for the 2017 solar

479

00:22:54,440 --> 00:22:51,290

eclipse

480

00:22:58,030 --> 00:22:54,450

Edward vassal on fake news

481

00:23:02,680 --> 00:22:58,040

Judith Horstmann myths of the brain

482

00:23:06,230 --> 00:23:02,690

Marty Klein pornography and porn panic

483

00:23:09,639 --> 00:23:06,240

plus science comedy magic with Luigi and

484

00:23:15,849 --> 00:23:14,510

register online at skipty cal con dog

485

00:23:19,129 --> 00:23:15,859

[Music]

486

00:23:21,949 --> 00:23:19,139

skeptical at the shutter hotel austin

487

00:23:24,750 --> 00:23:21,959

way Berkeley California Sunday June the

488

00:23:32,940 --> 00:23:25,430

you

489

00:23:36,550 --> 00:23:32,950

[Music]

490

00:23:38,530 --> 00:23:36,560

and now direct from the cafe at

491

00:23:46,240 --> 00:23:38,540

Australia's Science Channel

492

00:23:48,730 --> 00:23:46,250

it's brouhaha with Ben Lewis a fresh

493

00:23:50,740 --> 00:23:48,740

email leak has just landed and we are

494

00:23:54,040 --> 00:23:50,750

loving this particular peek behind the

495

00:23:56,470 --> 00:23:54,050

curtains of the CSIRO dial back the

496

00:23:58,560 --> 00:23:56,480

clock to the innocent days of 2015

497

00:24:00,520 --> 00:23:58,570

New Horizons whizzed past Pluto

498

00:24:03,130 --> 00:24:00,530

audiences flocked to the theaters to

499

00:24:05,560 --> 00:24:03,140

watch Furious 7 and the world prepared

500

00:24:08,560 --> 00:24:05,570

for cop21 the international climate

501
00:24:10,540 --> 00:24:08,570
change conference in Paris according to

502
00:24:11,860 --> 00:24:10,550
these emails when it came to making a

503
00:24:13,720 --> 00:24:11,870
submission to the government on

504
00:24:16,120 --> 00:24:13,730
greenhouse gas reduction targets

505
00:24:18,880 --> 00:24:16,130
it was management this is scientists at

506
00:24:20,920 --> 00:24:18,890
the CSIRO basically the scientists

507
00:24:23,380 --> 00:24:20,930
wanted to make one and management didn't

508
00:24:25,420 --> 00:24:23,390
ultimately the scientists made a

509
00:24:29,830 --> 00:24:25,430
separate submission independence of the

510
00:24:32,110 --> 00:24:29,840
CSIRO hang on scientists of the CSIRO

511
00:24:34,690 --> 00:24:32,120
like most receptions scientific

512
00:24:37,150 --> 00:24:34,700
institutions are allowed and in fact

513
00:24:39,550 --> 00:24:37,160

encouraged to speak out in their areas

514

00:24:42,190 --> 00:24:39,560

of expertise but as soon as the topic

515

00:24:43,780 --> 00:24:42,200

strays into policy the scientists are

516

00:24:46,810 --> 00:24:43,790

expected to zip their lips as

517

00:24:48,720 --> 00:24:46,820

representatives of their institution but

518

00:24:51,280 --> 00:24:48,730

hey scientists you can tell us

519

00:24:54,100 --> 00:24:51,290

everything next time you want to leg

520

00:24:56,860 --> 00:24:54,110

something send it our way we'll be wide

521

00:24:58,990 --> 00:24:56,870

eyes and open ears from which scientists

522

00:25:01,270 --> 00:24:59,000

leaves dirty petri dishes all over the

523

00:25:03,400 --> 00:25:01,280

lab benches so who wasted millions of

524

00:25:06,420 --> 00:25:03,410

dollars in funding we're here for you

525

00:25:08,560 --> 00:25:06,430

you can tell us anything

526
00:25:11,590 --> 00:25:08,570
[Music]

527
00:25:18,800 --> 00:25:11,600
for more brouhaha and australian science

528
00:25:30,759 --> 00:25:28,289
[Music]

529
00:25:32,919 --> 00:25:30,769
joining me now all the way from the

530
00:25:34,870 --> 00:25:32,929
Czech Republic and what a beautiful

531
00:25:37,690 --> 00:25:34,880
country that is - I've had the pleasure

532
00:25:39,700 --> 00:25:37,700
of visiting the Czech Republic ah twice

533
00:25:41,379 --> 00:25:39,710
over the last 20 years of a wonderful

534
00:25:43,659 --> 00:25:41,389
place from the Czech

535
00:25:45,610 --> 00:25:43,669
skeptics club Sisyphus it's clear

536
00:25:48,879 --> 00:25:45,620
Klingenberg good morning and good

537
00:25:51,070 --> 00:25:48,889
evening Clare good morning and good

538
00:25:53,560 --> 00:25:51,080

evening to you I know it's late at night

539

00:25:54,940 --> 00:25:53,570

in the czech republic right now and it's

540

00:25:56,169 --> 00:25:54,950

sort of early in the morning here in

541

00:25:57,759 --> 00:25:56,179

australia but that's the way the

542

00:25:59,379 --> 00:25:57,769

internet works with you when you're

543

00:26:02,039 --> 00:25:59,389

interviewing people around the planet

544

00:26:06,100 --> 00:26:02,049

now we've given you a call we've

545

00:26:09,490 --> 00:26:06,110

contacted you to remind us fill us in on

546

00:26:12,490 --> 00:26:09,500

the upcoming European skeptics Congress

547

00:26:14,680 --> 00:26:12,500

which is going to be held in Poland now

548

00:26:16,659 --> 00:26:14,690

you are on the sceptic Zone or some

549

00:26:19,779 --> 00:26:16,669

months ago in January when the Ranse

550

00:26:21,850 --> 00:26:19,789

give interviewed you how are things

551
00:26:26,049 --> 00:26:21,860
shaping up for the Congress and what can

552
00:26:27,999 --> 00:26:26,059
you tell our listeners so of course it's

553
00:26:33,279 --> 00:26:28,009
everything is shaping up great we are

554
00:26:34,869 --> 00:26:33,289
very very excited by the Congress it's a

555
00:26:36,970 --> 00:26:34,879
Cooperation Congress between the Czech

556
00:26:41,590 --> 00:26:36,980
Republic and and Poland's and the police

557
00:26:43,690 --> 00:26:41,600
critics the Congress itself will have

558
00:26:46,299 --> 00:26:43,700
traditional and less traditional skeptic

559
00:26:49,210 --> 00:26:46,309
topics and what we are very happy about

560
00:26:51,700 --> 00:26:49,220
is the number of workshops that we have

561
00:26:55,119 --> 00:26:51,710
for the public which are free for the

562
00:26:57,610 --> 00:26:55,129
public which is kind of the main are the

563
00:27:00,100 --> 00:26:57,620

main thing we skeptics should do is the

564

00:27:02,289 --> 00:27:00,110

public outreach so we are very I'm very

565

00:27:04,480 --> 00:27:02,299

very happy that my polish colleagues

566

00:27:06,879 --> 00:27:04,490

managed to secure so many wonderful

567

00:27:10,720 --> 00:27:06,889

speakers for the public as well not just

568

00:27:12,610 --> 00:27:10,730

for us for descriptives now can you tell

569

00:27:16,720 --> 00:27:12,620

me a little bit about where the Congress

570

00:27:19,000 --> 00:27:16,730

is going to be held I hoping it's

571

00:27:21,210 --> 00:27:19,010

pronounced something like votes for is

572

00:27:24,120 --> 00:27:21,220

that right yes so

573

00:27:26,100 --> 00:27:24,130

the city of brasov in Poland don't worry

574

00:27:28,980 --> 00:27:26,110

it has an International Airport with

575

00:27:33,600 --> 00:27:28,990

services from London and Berlin and like

576

00:27:36,780 --> 00:27:33,610

every other major European city so it's

577

00:27:39,480 --> 00:27:36,790

not in the middle of nowhere you can get

578

00:27:42,600 --> 00:27:39,490

there so the city of Brussels um is a

579

00:27:44,640 --> 00:27:42,610

very beautiful very historic city um has

580

00:27:46,890 --> 00:27:44,650

a wonderful University and the

581

00:27:50,730 --> 00:27:46,900

University of Guelph is also the venue

582

00:27:52,440 --> 00:27:50,740

of the Congress uh for those who want to

583

00:27:54,330 --> 00:27:52,450

have like a little road trip we have

584

00:27:56,700 --> 00:27:54,340

this kind of event in Prague into

585

00:27:59,280 --> 00:27:56,710

Republic the day before the Congress

586

00:28:02,880 --> 00:27:59,290

starts with a bus service to varrock

587

00:28:04,980 --> 00:28:02,890

slot which is only three hours away so

588

00:28:06,750 --> 00:28:04,990

that's kind of a fun thing to do and we

589

00:28:09,680 --> 00:28:06,760

have people signing up to do that as

590

00:28:12,720 --> 00:28:09,690

well but the city of broad Slav it's

591

00:28:14,670 --> 00:28:12,730

interesting because it has ten mill

592

00:28:15,330 --> 00:28:14,680

ville Prize winners connected with it

593

00:28:18,840 --> 00:28:15,340

mm-hmm

594

00:28:21,000 --> 00:28:18,850

so that's quite a number that's not bad

595

00:28:21,840 --> 00:28:21,010

and you know what folks I'm as I speak

596

00:28:24,210 --> 00:28:21,850

to Claire

597

00:28:27,840 --> 00:28:24,220

I'm just casting an eye over the website

598

00:28:31,410 --> 00:28:27,850

for the Congress which is euro skeptics

599

00:28:34,560 --> 00:28:31,420

con and skeptics can be spelt with a K

600

00:28:37,650 --> 00:28:34,570

or a C in this case and the city looks

601
00:28:42,120 --> 00:28:37,660
just beautiful I mean gorgeous and the

602
00:28:43,380 --> 00:28:42,130
facilities are fantastic in fact I'm

603
00:28:45,840 --> 00:28:43,390
sort of getting swept away here folks

604
00:28:48,450 --> 00:28:45,850
because the website itself rotates

605
00:28:51,390 --> 00:28:48,460
images of this beautiful beautiful place

606
00:28:53,850 --> 00:28:51,400
in Poland now what can people expect

607
00:28:58,170 --> 00:28:53,860
apart from the workshops who can people

608
00:29:01,350 --> 00:28:58,180
expect to see speak there Clare uh well

609
00:29:06,330 --> 00:29:01,360
our main star of the whole event of

610
00:29:10,320 --> 00:29:06,340
course is James Randi haha it's making

611
00:29:12,780 --> 00:29:10,330
his a kind of European tour um after our

612
00:29:15,270 --> 00:29:12,790
after our Congress he's going to stop in

613
00:29:17,490 --> 00:29:15,280

Italy for the cheek up Congress but

614

00:29:20,310 --> 00:29:17,500

you're very very happy that he's decided

615

00:29:22,890 --> 00:29:20,320

to come and speak at our at our Congress

616

00:29:24,540 --> 00:29:22,900

in broad slub he was speaking in the

617

00:29:27,210 --> 00:29:24,550

European skeptics Congress a couple of

618

00:29:28,980 --> 00:29:27,220

years ago when it was in Sweden and now

619

00:29:32,640 --> 00:29:28,990

he's going to be speaking the one that

620

00:29:35,010 --> 00:29:32,650

saw in Poland wow that's fantastic and

621

00:29:38,640 --> 00:29:35,020

what a man he is to be

622

00:29:42,390 --> 00:29:38,650

still so so active at at he's a

623

00:29:43,800 --> 00:29:42,400

wonderful age it's just fantastic yes I

624

00:29:46,380 --> 00:29:43,810

have I was very lucky to have the

625

00:29:49,290 --> 00:29:46,390

opportunity to meet him at saikhan in

626
00:29:52,230 --> 00:29:49,300
October and I'm very happy he accepted

627
00:29:55,200 --> 00:29:52,240
my invitation to come and speak at this

628
00:29:57,870 --> 00:29:55,210
Congress I think I will just bring it to

629
00:30:00,030 --> 00:29:57,880
the completing of another level I'm sure

630
00:30:04,260 --> 00:30:00,040
it will but like what other speakers we

631
00:30:06,870 --> 00:30:04,270
have um yeah kind of like a Pacific

632
00:30:10,110 --> 00:30:06,880
conferences there are certain speakers

633
00:30:11,910 --> 00:30:10,120
that we tend to hear a lot and so what

634
00:30:13,350 --> 00:30:11,920
we wanted to do is kind of mix it up a

635
00:30:15,120 --> 00:30:13,360
little bit if you want to give the

636
00:30:17,250 --> 00:30:15,130
people different kind of take a

637
00:30:19,710 --> 00:30:17,260
different kind of flavor so we have

638
00:30:21,480 --> 00:30:19,720

speakers pulley speakers and chick

639

00:30:23,550 --> 00:30:21,490

speakers who usually are not featured

640

00:30:27,860 --> 00:30:23,560

but who are in the top of their

641

00:30:31,020 --> 00:30:27,870

respective fields and as well from other

642

00:30:35,240 --> 00:30:31,030

speakers from other countries we have

643

00:30:39,150 --> 00:30:35,250

for example Susan Blackmore and we have

644

00:30:41,370 --> 00:30:39,160

Scotland field and Mark Landis so who

645

00:30:46,110 --> 00:30:41,380

are also very big stars in their own

646

00:30:48,150 --> 00:30:46,120

field and I noticed - um my friend and

647

00:30:50,100 --> 00:30:48,160

known to many people susan gerbic will

648

00:30:53,370 --> 00:30:50,110

be there too she's doing wonderful work

649

00:30:57,090 --> 00:30:53,380

on Wikipedia there's like no one else

650

00:31:01,170 --> 00:30:57,100

would be so active and she really her

651
00:31:03,720 --> 00:31:01,180
work is shaping um the public eye and

652
00:31:06,450 --> 00:31:03,730
the public opinion so much she's

653
00:31:08,190 --> 00:31:06,460
wonderful yeah oh she certainly is uh

654
00:31:10,350 --> 00:31:08,200
she's a real trouper

655
00:31:13,800 --> 00:31:10,360
and an old friend of mine I see Sonali

656
00:31:17,420 --> 00:31:13,810
animatic who is gonna be there - yes yes

657
00:31:20,310 --> 00:31:17,430
um Sonali Miroku he has his own

658
00:31:24,090 --> 00:31:20,320
conference going on next week next

659
00:31:25,680 --> 00:31:24,100
weekend in Helsinki um he has heard the

660
00:31:28,620 --> 00:31:25,690
brushless international group as well

661
00:31:32,130 --> 00:31:28,630
and we're very lucky that he agreed to

662
00:31:34,920 --> 00:31:32,140
speak at our European Congress well look

663
00:31:38,160 --> 00:31:34,930

clear it's shaping up to be a fantastic

664

00:31:39,720 --> 00:31:38,170

event it's one of the many sceptical

665

00:31:42,150 --> 00:31:39,730

events around the world I wish I could

666

00:31:44,520 --> 00:31:42,160

attend just to soak in or the atmosphere

667

00:31:46,230 --> 00:31:44,530

and the history and the culture of the

668

00:31:47,610 --> 00:31:46,240

region

669

00:31:49,410 --> 00:31:47,620

not not to mention of course the

670

00:31:51,150 --> 00:31:49,420

wonderful speakers and workshops that

671

00:31:53,910 --> 00:31:51,160

you're going to have there folks it's

672

00:31:56,460 --> 00:31:53,920

the 17th European skeptics Congress and

673

00:32:00,830 --> 00:31:56,470

that those dates again are September the

674

00:32:04,950 --> 00:32:00,840

22nd to the 24th the website is euro

675

00:32:08,100 --> 00:32:04,960

skeptics con and skeptics can be spelt

676

00:32:11,040 --> 00:32:08,110

with a K or a C in this case links are

677

00:32:12,720 --> 00:32:11,050

to all of that on this week's show notes

678

00:32:14,490 --> 00:32:12,730

will clear wonderful to catch up with

679

00:32:17,070 --> 00:32:14,500

you I'll certainly be promoting this

680

00:32:19,919 --> 00:32:17,080

Congress in the coming months and I

681

00:32:21,630 --> 00:32:19,929

think I'm going to be very lucky to meet

682

00:32:25,530 --> 00:32:21,640

you in person a bit later on

683

00:32:28,320 --> 00:32:25,540

in a few months in New York yes I look

684

00:32:29,970 --> 00:32:28,330

for a tattoo it will be my first nexus

685

00:32:31,919 --> 00:32:29,980

conference I do

686

00:32:33,510 --> 00:32:31,929

but for now Claire Klingenberg all the

687

00:32:52,350 --> 00:32:33,520

way from the beautiful Czech Republic

688

00:32:54,450 --> 00:32:52,360

thank you very much thank you and now a

689

00:32:57,510 --> 00:32:54,460

special note for fans of Maynard at

690

00:33:00,919 --> 00:32:57,520

Maynard dot-com today you you can

691

00:33:04,490 --> 00:33:00,929

download your free main HUD calendar

692

00:33:07,770 --> 00:33:04,500

download printout back on the wall spend

693

00:33:09,120 --> 00:33:07,780

2017 with Maynard for your free calendar

694

00:33:10,980 --> 00:33:09,130

no strings attached

695

00:33:14,090 --> 00:33:10,990

well you'll have to attach some strings

696

00:33:17,220 --> 00:33:14,100

to put it on the wall and head for

697

00:33:28,490 --> 00:33:17,230

wwe.com a you

698

00:33:35,690 --> 00:33:31,890

now it's time for dr. Rachel reports

699

00:33:40,410 --> 00:33:37,710

all right the Australian skeptics

700

00:33:42,060 --> 00:33:40,420

joining us once again in the studio and

701
00:33:43,680 --> 00:33:42,070
always a delight to have them on board

702
00:33:45,860 --> 00:33:43,690
because so we touch on some very

703
00:33:47,700 --> 00:33:45,870
interesting topics that we dr. Rachel

704
00:33:50,220 --> 00:33:47,710
dr. Rachel Wilson

705
00:33:53,100 --> 00:33:50,230
why because the doctor dr. Rachel Dunlop

706
00:33:54,480 --> 00:33:53,110
with us and dr. Chrissy Wilson okay and

707
00:33:56,670 --> 00:33:54,490
how are you college just extraordinary

708
00:33:58,410 --> 00:33:56,680
like Kristie nice to have you along yeah

709
00:34:00,660 --> 00:33:58,420
well thanks Rach very well happy Earth

710
00:34:02,730 --> 00:34:00,670
Hour to you Glenn yeah did you turn the

711
00:34:04,140 --> 00:34:02,740
lights off in here we did it well yeah

712
00:34:06,930 --> 00:34:04,150
we did and we fumbled around in the dark

713
00:34:08,340 --> 00:34:06,940

good made a lot of mistakes but um press

714

00:34:10,230 --> 00:34:08,350

the wrong button like I guess I'm

715

00:34:11,610 --> 00:34:10,240

skeptical that really achieves anything

716

00:34:13,560 --> 00:34:11,620

really yeah a lot of people have been

717

00:34:15,330 --> 00:34:13,570

saying that haven't they that some I did

718

00:34:17,130 --> 00:34:15,340

hear some people saying that even the

719

00:34:19,590 --> 00:34:17,140

process of turning all those lights off

720

00:34:21,090 --> 00:34:19,600

and then back on can actually create

721

00:34:22,980 --> 00:34:21,100

more views more power I don't know how

722

00:34:24,540 --> 00:34:22,990

true that is but um some people have

723

00:34:26,490 --> 00:34:24,550

been questioning the value of that yeah

724

00:34:28,290 --> 00:34:26,500

something that certainly came to my

725

00:34:29,790 --> 00:34:28,300

attention a few weeks ago and I know

726

00:34:32,400 --> 00:34:29,800

that it's come to your attention because

727

00:34:35,880 --> 00:34:32,410

in the current issue of your skeptics

728

00:34:37,680 --> 00:34:35,890

magazine the skeptic yes which I get a

729

00:34:38,730 --> 00:34:37,690

copy of and would parody recommend

730

00:34:40,020 --> 00:34:38,740

anyone that's interested in reading

731

00:34:42,330 --> 00:34:40,030

about all this sort of stuff get a copy

732

00:34:43,770 --> 00:34:42,340

of because it makes for some very good

733

00:34:45,240 --> 00:34:43,780

reading it's really good reading yeah

734

00:34:49,140 --> 00:34:45,250

very very interesting stuff everything

735

00:34:52,680 --> 00:34:49,150

from UFOs to weather whether God would

736

00:34:54,000 --> 00:34:52,690

Jesus was gay that wasn't it I dare not

737

00:34:55,350 --> 00:34:54,010

share that article with our listeners

738

00:34:57,180 --> 00:34:55,360

tonight I think we'll break them into

739

00:34:58,950 --> 00:34:57,190

that story very gently but but the

740

00:35:00,330 --> 00:34:58,960

reasoning behind it was quite

741

00:35:02,490 --> 00:35:00,340

fascinating yes

742

00:35:04,500 --> 00:35:02,500

yeah that's in the forum section isn't

743

00:35:06,900 --> 00:35:04,510

it a very long discussion about whether

744

00:35:09,810 --> 00:35:06,910

Jesus was gay yeah and the reasons why

745

00:35:11,850 --> 00:35:09,820

but but you know in in plotting through

746

00:35:15,150 --> 00:35:11,860

all of the reasons that this particular

747

00:35:16,590 --> 00:35:15,160

writer wrote in about it was it made me

748

00:35:18,060 --> 00:35:16,600

stop and think I was really unemployed

749

00:35:19,380 --> 00:35:18,070

and I thought okay that's quite

750

00:35:21,180 --> 00:35:19,390

interesting yeah there was some

751

00:35:22,530 --> 00:35:21,190

interesting aspects to all that but the

752

00:35:23,520 --> 00:35:22,540

thing that I particularly want to talk

753

00:35:25,950 --> 00:35:23,530

about is not now that we've got a couple

754

00:35:27,930 --> 00:35:25,960

of things on the agenda the guy that

755

00:35:29,730 --> 00:35:27,940

runs the gym that I go to oh yes

756

00:35:32,100 --> 00:35:29,740

who was a very knowledgeable young bloke

757

00:35:33,120 --> 00:35:32,110

and terrific at nutrition and health and

758

00:35:34,349 --> 00:35:33,130

keeping his

759

00:35:35,849 --> 00:35:34,359

ape and all that sort of caper he turned

760

00:35:37,740 --> 00:35:35,859

up the other day with one of these power

761

00:35:39,509 --> 00:35:37,750

wristbands and he said you got to get

762

00:35:42,150 --> 00:35:39,519

one of these and I said stop right there

763

00:35:44,730 --> 00:35:42,160

stop in the name of love stop in the

764

00:35:46,529 --> 00:35:44,740

name of skepticism Glenn he said he said

765

00:35:47,759 --> 00:35:46,539

no he said let me show you and I said

766

00:35:49,410 --> 00:35:47,769

you don't need to you know show me how

767

00:35:51,539 --> 00:35:49,420

if I wear it

768

00:35:52,470 --> 00:35:51,549

you're gonna put tip me over without it

769

00:35:53,309 --> 00:35:52,480

then when I put it on you're going to

770

00:35:54,809 --> 00:35:53,319

show me how it works

771

00:35:56,490 --> 00:35:54,819

I said you're about 30 years too late

772

00:35:58,859 --> 00:35:56,500

I've seen this already for at least 30

773

00:36:02,240 --> 00:35:58,869

years ago yeah yeah then let me guess I

774

00:36:05,370 --> 00:36:02,250

bet at 60 bucks that's right

775

00:36:06,539 --> 00:36:05,380

completely psyche how did you know this

776

00:36:08,460 --> 00:36:06,549

have you read the article in The

777

00:36:10,950 --> 00:36:08,470

Australian skeptic well no you know what

778

00:36:12,720 --> 00:36:10,960

I hadn't read your article right all but

779

00:36:16,140 --> 00:36:12,730

I had already been approached by another

780

00:36:18,900 --> 00:36:16,150

very good friend of mine who is a

781

00:36:21,569 --> 00:36:18,910

businessman a very smart businessman bun

782

00:36:22,799 --> 00:36:21,579

but he also was wearing one and I said

783

00:36:24,359 --> 00:36:22,809

what are you wearing that for he said

784

00:36:27,390 --> 00:36:24,369

because it's improved my golf swing no

785

00:36:28,980 --> 00:36:27,400

end yeah so that right yeah I was in the

786

00:36:30,720 --> 00:36:28,990

whole world wearing one tell us what's

787

00:36:32,789 --> 00:36:30,730

behind on well it's called Power Balance

788

00:36:34,759 --> 00:36:32,799

the ones that you're talking about Glen

789

00:36:37,950 --> 00:36:34,769

and it was advertised on Today Tonight

790

00:36:39,990 --> 00:36:37,960

about a few months back actually where

791

00:36:41,940 --> 00:36:40,000

they did a story showing that it can

792

00:36:44,640 --> 00:36:41,950

increase your flexibility and your

793

00:36:46,589 --> 00:36:44,650

balance apparently and you're right it

794

00:36:48,990 --> 00:36:46,599

is \$60 and what it is it's a piece of

795

00:36:51,210 --> 00:36:49,000

sort of rubber like those sort of

796

00:36:52,529 --> 00:36:51,220

charity bracelets by now you know those

797

00:36:55,200 --> 00:36:52,539

sort of things but it's embedded with a

798

00:36:57,180 --> 00:36:55,210

hologram now this hologram is supposed

799

00:36:59,940 --> 00:36:57,190

to align your energies and then allow

800

00:37:01,769 --> 00:36:59,950

you to become better at golf or better

801
00:37:03,930 --> 00:37:01,779
at swimming so actually a lot of

802
00:37:05,640 --> 00:37:03,940
athletes tend to wear them and that's

803
00:37:07,620 --> 00:37:05,650
how they are promoted by Power Balance

804
00:37:09,779 --> 00:37:07,630
is that you know so-and-so who won the

805
00:37:11,430 --> 00:37:09,789
the world record in the Olympic Games

806
00:37:13,170 --> 00:37:11,440
wore one so they must work so they

807
00:37:15,749 --> 00:37:13,180
actually promoted at that level do they

808
00:37:18,299 --> 00:37:15,759
oh yeah absolutely yeah yeah they have a

809
00:37:22,049 --> 00:37:18,309
lot of presence on Facebook where they

810
00:37:24,150 --> 00:37:22,059
have a lot of pushing of that yeah top

811
00:37:26,220 --> 00:37:24,160
athletes wear them yeah but my question

812
00:37:28,380 --> 00:37:26,230
is how do they how do they support the

813
00:37:29,940 --> 00:37:28,390

theory that this hologram to me is just

814

00:37:32,160 --> 00:37:29,950

an absolute crock

815

00:37:34,079 --> 00:37:32,170

well Richard Saunders who is usually

816

00:37:35,819 --> 00:37:34,089

here - he's not in tonight but he in

817

00:37:38,069 --> 00:37:35,829

fact did a follow-up story on Today

818

00:37:40,019 --> 00:37:38,079

Tonight where he rang up the producers

819

00:37:42,150 --> 00:37:40,029

and he said look what you've just shown

820

00:37:44,609 --> 00:37:42,160

is complete nonsense as you're saying

821

00:37:46,680 --> 00:37:44,619

and he went over to Adelaide to do a

822

00:37:49,200 --> 00:37:46,690

test and he did five tests

823

00:37:50,910 --> 00:37:49,210

err he used it also comes as sort of

824

00:37:52,819 --> 00:37:50,920

like a business card as well you don't

825

00:37:55,410 --> 00:37:52,829

have to have it as a bracelet so he took

826

00:37:57,210 --> 00:37:55,420

the actual Power Balance card and then

827

00:37:59,490 --> 00:37:57,220

he took a business card and he went over

828

00:38:01,770 --> 00:37:59,500

to do this with Tom O'Dowd who is the

829

00:38:03,329 --> 00:38:01,780

fellow who has the Australian rights to

830

00:38:04,859 --> 00:38:03,339

sell that's right yeah he's that he's

831

00:38:07,109 --> 00:38:04,869

the man that distributes it in Australia

832

00:38:09,300 --> 00:38:07,119

so he put Tom O'Dowd to the test with

833

00:38:11,190 --> 00:38:09,310

just a normal business card or a Power

834

00:38:13,530 --> 00:38:11,200

Balance card and when that test was

835

00:38:15,510 --> 00:38:13,540

blinded which means that neither the

836

00:38:18,000 --> 00:38:15,520

participants or Tom knew who had the

837

00:38:18,510 --> 00:38:18,010

power balance card it failed every

838

00:38:20,339 --> 00:38:18,520

single time

839

00:38:21,930 --> 00:38:20,349

there was six my recall of the story was

840

00:38:24,780 --> 00:38:21,940

that there were six candidates selected

841

00:38:27,150 --> 00:38:24,790

that's right yes on each occasion the

842

00:38:29,370 --> 00:38:27,160

the test failed yes and on each occasion

843

00:38:31,380 --> 00:38:29,380

Richard said to Tom Oh doubt are you

844

00:38:34,260 --> 00:38:31,390

happy with this person you've selected

845

00:38:36,210 --> 00:38:34,270

that's right yes he did he did say yes

846

00:38:39,329 --> 00:38:36,220

he said yes before and then he said yes

847

00:38:41,309 --> 00:38:39,339

after but I'm it's the way that it works

848

00:38:44,180 --> 00:38:41,319

is it's a process called applied

849

00:38:46,859 --> 00:38:44,190

kinesiology and this is where if

850

00:38:48,900 --> 00:38:46,869

listeners have seen the segment but what

851
00:38:51,569 --> 00:38:48,910
happens is if you say for example extend

852
00:38:54,630 --> 00:38:51,579
your arm out to your side completely and

853
00:38:56,160 --> 00:38:54,640
then you wear the bracelet the person

854
00:38:57,660 --> 00:38:56,170
who's testing you will push on your arm

855
00:38:59,760 --> 00:38:57,670
and without the bracelet they'll be able

856
00:39:01,920 --> 00:38:59,770
to push you over but with the bracelet

857
00:39:03,270 --> 00:39:01,930
you should be able to be stronger now

858
00:39:05,520 --> 00:39:03,280
it's really quite simple the way it's

859
00:39:06,960 --> 00:39:05,530
done and in fact Richard and I do a show

860
00:39:08,309 --> 00:39:06,970
for children called mystery

861
00:39:10,380 --> 00:39:08,319
investigators and we've just started

862
00:39:12,750 --> 00:39:10,390
using it in our show and it's really

863
00:39:15,240 --> 00:39:12,760

about physics in a sense and in the

864

00:39:17,190 --> 00:39:15,250

centre of your balance so it's it's a

865

00:39:18,960 --> 00:39:17,200

very very subtle effect but if you just

866

00:39:21,059 --> 00:39:18,970

slightly change the position of the way

867

00:39:24,329 --> 00:39:21,069

you put your weight onto somebody you

868

00:39:26,730 --> 00:39:24,339

can actually push them over or if you

869

00:39:28,230 --> 00:39:26,740

don't they can maintain strength and you

870

00:39:30,120 --> 00:39:28,240

can say well it's the bracelet that did

871

00:39:31,290 --> 00:39:30,130

it but Chrissie I think knows a little

872

00:39:33,450 --> 00:39:31,300

bit about that too don't you Chrissie

873

00:39:35,700 --> 00:39:33,460

yeah I mean the problem here is that if

874

00:39:38,520 --> 00:39:35,710

you have this experience of this thing

875

00:39:40,200 --> 00:39:38,530

working or seeming to work then that's a

876

00:39:42,030 --> 00:39:40,210

that's going to have a very powerful

877

00:39:44,010 --> 00:39:42,040

impact on you and you'll go away

878

00:39:46,230 --> 00:39:44,020

believing that this thing does work so

879

00:39:48,599 --> 00:39:46,240

Chrissie dare I say placebo effect oh

880

00:39:50,849 --> 00:39:48,609

absolutely but not just a perceiver

881

00:39:53,069 --> 00:39:50,859

effect oh you get this sort of stuff at

882

00:39:55,050 --> 00:39:53,079

psychic fairs and mind-body-spirit

883

00:39:57,120 --> 00:39:55,060

festival type things where people go

884

00:39:59,160 --> 00:39:57,130

along and they've all they already go

885

00:40:00,650 --> 00:39:59,170

along armed with the idea or the belief

886

00:40:03,620 --> 00:40:00,660

that this stuff works

887

00:40:05,990 --> 00:40:03,630

or the desire to be convinced that it

888

00:40:07,819 --> 00:40:06,000

works so you're already halfway there to

889

00:40:09,920 --> 00:40:07,829

believing so they go along they have

890

00:40:13,160 --> 00:40:09,930

this demonstration and it seems to work

891

00:40:14,930 --> 00:40:13,170

and they're convinced so really it

892

00:40:17,029 --> 00:40:14,940

doesn't take very much evidence to

893

00:40:19,579 --> 00:40:17,039

convince someone that this sort of stuff

894

00:40:21,470 --> 00:40:19,589

works because they want to believe and

895

00:40:23,599 --> 00:40:21,480

that's very very powerful for a lot of

896

00:40:25,279 --> 00:40:23,609

people and also Glenn you know with

897

00:40:27,740 --> 00:40:25,289

Power Balance for example their

898

00:40:29,599 --> 00:40:27,750

testimonials are coming from people that

899

00:40:32,839 --> 00:40:29,609

are very successful and high-powered

900

00:40:35,779 --> 00:40:32,849

like you know famous swimmers or famous

901
00:40:37,549 --> 00:40:35,789
sports people so that is very convincing

902
00:40:40,940 --> 00:40:37,559
to people to if you hear that say

903
00:40:43,010 --> 00:40:40,950
someone who is very well respected is

904
00:40:45,109 --> 00:40:43,020
wearing it and says it works well that's

905
00:40:47,089 --> 00:40:45,119
going to help convince you and they also

906
00:40:49,760 --> 00:40:47,099
do some pretty tricky stuff here with

907
00:40:51,410 --> 00:40:49,770
science words so you notice I mentioned

908
00:40:54,559 --> 00:40:51,420
there's a hologram embedded in this

909
00:40:56,900 --> 00:40:54,569
bracelet well they talked about energies

910
00:40:58,460 --> 00:40:56,910
and aligning energies and influencing

911
00:41:01,220 --> 00:40:58,470
everything on the pack that it comes

912
00:41:02,870 --> 00:41:01,230
with and I really just I laughed well

913
00:41:04,370 --> 00:41:02,880

I'm a scientist as you know and that

914

00:41:06,019 --> 00:41:04,380
doesn't make any sense to me

915

00:41:08,809 --> 00:41:06,029
scientifically but if you don't

916

00:41:10,700 --> 00:41:08,819
understand science it can sound science

917

00:41:12,950 --> 00:41:10,710
If if you like and that sort of lends it

918

00:41:14,420 --> 00:41:12,960
legitimacy well it's very seductive I

919

00:41:16,880 --> 00:41:14,430
mean any kind of pseudo scientific

920

00:41:18,349 --> 00:41:16,890
claptrap is going to is going to seduce

921

00:41:20,210 --> 00:41:18,359
people into believing that there's some

922

00:41:23,690 --> 00:41:20,220
kind of credibility behind it

923

00:41:27,200 --> 00:41:23,700
it's it but it's like you know we know

924

00:41:29,359 --> 00:41:27,210
with the the TGA that they have to if

925

00:41:30,890 --> 00:41:29,369
you're if you're saying that a medicine

926
00:41:33,410 --> 00:41:30,900
for example is going to do something or

927
00:41:34,700 --> 00:41:33,420
if some special mix is going to do

928
00:41:37,099 --> 00:41:34,710
something then it has to be proven that

929
00:41:38,720 --> 00:41:37,109
it can do something why is it that this

930
00:41:41,569 --> 00:41:38,730
particular product the power balance

931
00:41:43,039 --> 00:41:41,579
wristband and I quote here from the

932
00:41:44,420 --> 00:41:43,049
website which is in your magazine it

933
00:41:45,650 --> 00:41:44,430
says how does it work most everything

934
00:41:47,420 --> 00:41:45,660
has a frequencies what you're referring

935
00:41:49,190 --> 00:41:47,430
to right yeah how does it work most

936
00:41:51,500 --> 00:41:49,200
everything has a frequency inherent to

937
00:41:52,970 --> 00:41:51,510
it some frequencies react positively

938
00:41:54,890 --> 00:41:52,980

with your body and others negatively

939

00:41:57,049 --> 00:41:54,900

when the hologram comes into contact

940

00:41:58,760 --> 00:41:57,059

with your body's energy field it allows

941

00:42:00,529 --> 00:41:58,770

your body to interact with the natural

942

00:42:03,049 --> 00:42:00,539

beneficial frequency stored within the

943

00:42:05,529 --> 00:42:03,059

hologram this results in improved energy

944

00:42:09,950 --> 00:42:05,539

flow throughout your body

945

00:42:11,440 --> 00:42:09,960

that's just gobbledygook isn't it I was

946

00:42:14,440 --> 00:42:11,450

losing the will to live just

947

00:42:15,850 --> 00:42:14,450

sorry but you know we like to think of

948

00:42:17,800 --> 00:42:15,860

it as this Glenn we like to think of

949

00:42:19,660 --> 00:42:17,810

taking scientific words and pulling them

950

00:42:21,250 --> 00:42:19,670

into a hatch and then pulling them out

951
00:42:22,810 --> 00:42:21,260
at random and just putting them on the

952
00:42:24,580 --> 00:42:22,820
page because that's what that sounds

953
00:42:26,770 --> 00:42:24,590
like to me as a scientist it makes no

954
00:42:28,570 --> 00:42:26,780
sense at all but people want to believe

955
00:42:31,000 --> 00:42:28,580
in this stuff I want to believe that

956
00:42:32,770 --> 00:42:31,010
little granite pendants will make them

957
00:42:35,650 --> 00:42:32,780
sexier and better-looking and all the

958
00:42:38,440 --> 00:42:35,660
rest of it little armbands will enhance

959
00:42:40,990 --> 00:42:38,450
their their prowess and blah blah blah

960
00:42:43,480 --> 00:42:41,000
but you know it's inherent in man to

961
00:42:45,880 --> 00:42:43,490
believe in these sort of things and it's

962
00:42:47,530 --> 00:42:45,890
when it comes down to \$60 a pop that you

963
00:42:48,940 --> 00:42:47,540

have to wonder about the ethics of

964

00:42:51,490 --> 00:42:48,950

someone's selling it when they know it

965

00:42:53,830 --> 00:42:51,500

doesn't do anything yeah yeah but you

966

00:42:56,320 --> 00:42:53,840

know buyer beware I suppose and as I

967

00:42:58,090 --> 00:42:56,330

said to my mate at the gym but you know

968

00:42:59,830 --> 00:42:58,100

he was still convinced that it was he

969

00:43:01,060 --> 00:42:59,840

said look I've just tested it on and

970

00:43:03,610 --> 00:43:01,070

needed a couple of people in the gym

971

00:43:04,900 --> 00:43:03,620

just random type stuff and yes they're a

972

00:43:07,180 --> 00:43:04,910

bit wobbly at first and then they

973

00:43:08,800 --> 00:43:07,190

weren't so wobbly and exactly as you

974

00:43:10,510 --> 00:43:08,810

just said Chris yes a bang that there's

975

00:43:12,610 --> 00:43:10,520

a psyche thing going on here there's

976
00:43:13,960 --> 00:43:12,620
people wanting to believe that it's

977
00:43:15,490 --> 00:43:13,970
actually doing something for more

978
00:43:16,990 --> 00:43:15,500
they're resisting more the second time

979
00:43:18,400 --> 00:43:17,000
around or whatever it is it's just down

980
00:43:19,930 --> 00:43:18,410
to suggestion yeah

981
00:43:21,700 --> 00:43:19,940
yeah you should never underestimate the

982
00:43:22,900 --> 00:43:21,710
power anyway no one has been able to

983
00:43:24,580 --> 00:43:22,910
prove there's any sort of science behind

984
00:43:26,590 --> 00:43:24,590
it and of course there's no science

985
00:43:29,530 --> 00:43:26,600
behind it and if there was they'd be

986
00:43:30,970 --> 00:43:29,540
happy to take up the skeptics challenge

987
00:43:33,370 --> 00:43:30,980
you have a thousand dollars you can come

988
00:43:34,780 --> 00:43:33,380

to us and we will test you using a

989

00:43:36,640 --> 00:43:34,790

scientific test and if you can prove

990

00:43:38,470 --> 00:43:36,650

that it works we give you a hundred

991

00:43:39,640 --> 00:43:38,480

thousand and I should mention Glenn we

992

00:43:42,070 --> 00:43:39,650

also have a twenty thousand dollar

993

00:43:43,780 --> 00:43:42,080

spotters fee so if anyone out there

994

00:43:45,760 --> 00:43:43,790

knows of someone who might want to sit

995

00:43:47,200 --> 00:43:45,770

our test and they can get them to come

996

00:43:49,720 --> 00:43:47,210

and participate they can get twenty

997

00:43:50,710 --> 00:43:49,730

thousand dollars - okay all right so

998

00:43:52,990 --> 00:43:50,720

there we are if there's something that's

999

00:43:54,820 --> 00:43:53,000

that you think is worthwhile checking

1000

00:43:56,830 --> 00:43:54,830

out then you could get the spotters fee

1001
00:43:58,990 --> 00:43:56,840
of 20 grand and if if indeed you've got

1002
00:44:00,310 --> 00:43:59,000
something like the the power risk

1003
00:44:01,990 --> 00:44:00,320
balance thing or whatever and you want

1004
00:44:03,220 --> 00:44:02,000
to prove the skeptics wrong you could

1005
00:44:05,140 --> 00:44:03,230
pocket a hundred thousand dollars what

1006
00:44:07,240 --> 00:44:05,150
else have we got but what about the the

1007
00:44:09,730 --> 00:44:07,250
UF UF o-- though apparently I was away

1008
00:44:11,740 --> 00:44:09,740
this week but now a UFO seen here in

1009
00:44:14,140 --> 00:44:11,750
Sydney there was Glenn last week there

1010
00:44:17,350 --> 00:44:14,150
was a UFO in fact there was photographic

1011
00:44:20,470 --> 00:44:17,360
evidence of a UFO in Chipping Norton it

1012
00:44:22,750 --> 00:44:20,480
was taken by a lady at sunset and she

1013
00:44:24,220 --> 00:44:22,760

aimed her iPhone towards the sunset and

1014

00:44:24,880 --> 00:44:24,230

then when she looked at the photo she

1015

00:44:28,000 --> 00:44:24,890

saw this

1016

00:44:32,230 --> 00:44:28,010

blurry black spots in the middle of the

1017

00:44:34,240 --> 00:44:32,240

sunset and she said that it sort of

1018

00:44:36,100 --> 00:44:34,250

moved into the center of the image and

1019

00:44:39,250 --> 00:44:36,110

then it moved away very quickly and

1020

00:44:41,380 --> 00:44:39,260

silently which often UFOs do and she was

1021

00:44:43,200 --> 00:44:41,390

certain that it was an unidentified

1022

00:44:46,360 --> 00:44:43,210

flying object of possibly alien

1023

00:44:48,340 --> 00:44:46,370

description we just had a look at the

1024

00:44:51,370 --> 00:44:48,350

photos before Chrissy and what was your

1025

00:44:53,980 --> 00:44:51,380

impression of other yeah well if if the

1026

00:44:56,020 --> 00:44:53,990

perspective is correct this thing should

1027

00:44:57,430 --> 00:44:56,030

have been huge I mean it you should just

1028

00:44:59,290 --> 00:44:57,440

about have been able to see the little

1029

00:45:01,240 --> 00:44:59,300

green men in the in the front of the

1030

00:45:04,150 --> 00:45:01,250

cockpit I mean we should have been huge

1031

00:45:06,280 --> 00:45:04,160

I mean could have been anything it to me

1032

00:45:08,530 --> 00:45:06,290

it looks like it might well have been a

1033

00:45:10,660 --> 00:45:08,540

weather balloon something like that but

1034

00:45:12,520 --> 00:45:10,670

apparently she was the only person who

1035

00:45:14,080 --> 00:45:12,530

saw it I mean I don't know how big

1036

00:45:16,330 --> 00:45:14,090

Chipping Norton is but presumably if

1037

00:45:18,580 --> 00:45:16,340

there was this enormous spaceship

1038

00:45:20,830 --> 00:45:18,590

floating around shipping lore you'd

1039

00:45:22,690 --> 00:45:20,840

think someone else might just have

1040

00:45:24,610 --> 00:45:22,700

spotted it well if anyone has seen that

1041

00:45:26,680 --> 00:45:24,620

television show called V in the very

1042

00:45:28,810 --> 00:45:26,690

first episode they show these huge ships

1043

00:45:31,090 --> 00:45:28,820

that fly over and sort of sit on the top

1044

00:45:33,640 --> 00:45:31,100

of the major cities and from the photo

1045

00:45:35,590 --> 00:45:33,650

that we saw in the newspaper it looks

1046

00:45:38,440 --> 00:45:35,600

like it would be that size like to cover

1047

00:45:40,360 --> 00:45:38,450

maybe the most of the CBD so I'm

1048

00:45:43,570 --> 00:45:40,370

surprised to Chrissy that only one

1049

00:45:45,550 --> 00:45:43,580

person reported it and saw it so but did

1050

00:45:48,580 --> 00:45:45,560

you know Glenn that there there is a UFO

1051
00:45:50,830 --> 00:45:48,590
research sort of reporting agency in New

1052
00:45:51,970 --> 00:45:50,840
South Wales oh yeah don't tell me it's

1053
00:45:54,880 --> 00:45:51,980
government-funded as well I'll be

1054
00:45:58,380 --> 00:45:54,890
horrible I don't know but they they say

1055
00:46:00,790 --> 00:45:58,390
that they get between 1,000 and 1,500

1056
00:46:02,650 --> 00:46:00,800
reports of sightings in Australia every

1057
00:46:04,630 --> 00:46:02,660
year of your face but once again I

1058
00:46:05,650 --> 00:46:04,640
suppose at all it's all subjectivism if

1059
00:46:08,920 --> 00:46:05,660
there are people out there that probably

1060
00:46:10,780 --> 00:46:08,930
want to see UFOs well UFO simply means

1061
00:46:11,920 --> 00:46:10,790
unidentified flying object it could be

1062
00:46:13,810 --> 00:46:11,930
something that you just can't identify

1063
00:46:16,600 --> 00:46:13,820

what it is it doesn't necessarily mean

1064

00:46:18,610 --> 00:46:16,610

that there's an alien spaceship up there

1065

00:46:20,620 --> 00:46:18,620

it could be anything it could be

1066

00:46:21,850 --> 00:46:20,630

reflections of light spots on the winds

1067

00:46:23,920 --> 00:46:21,860

I think it was a spot on the wind

1068

00:46:25,540 --> 00:46:23,930

screaming well yeah in the news article

1069

00:46:27,640 --> 00:46:25,550

they said skeptics are going to say that

1070

00:46:29,830 --> 00:46:27,650

it's a speck of dust either on the

1071

00:46:31,930 --> 00:46:29,840

windscreen or on the camera and I'm

1072

00:46:33,310 --> 00:46:31,940

tending towards that myself

1073

00:46:35,770 --> 00:46:33,320

see a lot of this stuff can be beaten up

1074

00:46:37,870 --> 00:46:35,780

into a story though that's ok oh yeah

1075

00:46:39,850 --> 00:46:37,880

people can choose exciting people want

1076

00:46:41,380 --> 00:46:39,860

to believe it exactly right I mean one

1077

00:46:42,820 --> 00:46:41,390

of the reasons why I like em you guys on

1078

00:46:44,770 --> 00:46:42,830

here is because it just throws that

1079

00:46:46,210 --> 00:46:44,780

element of you know question Orcas

1080

00:46:47,890 --> 00:46:46,220

question stuff okay

1081

00:46:49,870 --> 00:46:47,900

questioner don't take it as read all the

1082

00:46:51,190 --> 00:46:49,880

time and that just goes not just for

1083

00:46:52,210 --> 00:46:51,200

what these sorts of things are we're

1084

00:46:53,620 --> 00:46:52,220

talking about that case for everything

1085

00:46:56,770 --> 00:46:53,630

that goes for news articles food with

1086

00:46:58,360 --> 00:46:56,780

the media have we work in the media

1087

00:47:00,700 --> 00:46:58,370

media have agenda sometimes that they

1088

00:47:02,680 --> 00:47:00,710

want to push Stephanie I might say is on

1089

00:47:03,910 --> 00:47:02,690

email Stephanie from Canon just entered

1090

00:47:05,560 --> 00:47:03,920

Lima and I think maybe has

1091

00:47:07,860 --> 00:47:05,570

misinterpreted what we just discussed in

1092

00:47:11,050 --> 00:47:07,870

relation to the the brisk bracelet

1093

00:47:13,300 --> 00:47:11,060

stephanie says what a lot of something

1094

00:47:14,860 --> 00:47:13,310

obviously I've seen this done in person

1095

00:47:17,350 --> 00:47:14,870

with this product and with at Italian

1096

00:47:18,970 --> 00:47:17,360

product I am a scientist Eddie's BES she

1097

00:47:20,440 --> 00:47:18,980

says people believe what they want to

1098

00:47:21,730 --> 00:47:20,450

believe I yeah I've also seen five out

1099

00:47:23,500 --> 00:47:21,740

of ten people come off balance with the

1100

00:47:24,460 --> 00:47:23,510

product these girls are not talking

1101

00:47:25,840 --> 00:47:24,470

science they're talking hologram

1102

00:47:27,220 --> 00:47:25,850

bracelet gimmick talk people into

1103

00:47:28,420 --> 00:47:27,230

believing girls either but will I know

1104

00:47:29,800 --> 00:47:28,430

the trick behind making people stay

1105

00:47:32,140 --> 00:47:29,810

balanced and unbalanced by but utter

1106

00:47:33,400 --> 00:47:32,150

crap for sixty dollars now I think

1107

00:47:39,420 --> 00:47:33,410

Stephanie you might have misunderstood

1108

00:47:43,360 --> 00:47:39,430

we're not promoting it no no it's Robbie

1109

00:47:44,920 --> 00:47:43,370

don't bother read a book I made a book

1110

00:47:46,990 --> 00:47:44,930

get a rubber band and put that around

1111

00:47:48,910 --> 00:47:47,000

your wrist it's the same and it won't

1112

00:47:50,410 --> 00:47:48,920

cost you as much we're all on the same

1113

00:47:51,850 --> 00:47:50,420

page together we're all in this together

1114

00:47:54,010 --> 00:47:51,860

listen we're gonna write our talk what

1115

00:47:56,380 --> 00:47:54,020

about the was an incident in northern

1116

00:47:58,120 --> 00:47:56,390

Turkey raining yes yes there's an

1117

00:47:59,650 --> 00:47:58,130

isolated Aboriginal community called

1118

00:48:01,990 --> 00:47:59,660

larger man who which is about eight

1119

00:48:04,060 --> 00:48:02,000

hundred KS south of Darwin or twelve

1120

00:48:05,950 --> 00:48:04,070

hundred north of Adelaide so right in

1121

00:48:08,440 --> 00:48:05,960

the middle of nowhere last week they

1122

00:48:11,440 --> 00:48:08,450

reported fish falling from the sky and

1123

00:48:13,360 --> 00:48:11,450

it were photographs again of these fish

1124

00:48:16,240 --> 00:48:13,370

and apparently it happens there about

1125

00:48:19,420 --> 00:48:16,250

every decade so recently there's been

1126
00:48:20,890 --> 00:48:19,430
extensive rains in that area and I spoke

1127
00:48:23,590 --> 00:48:20,900
to a guy who actually lives in that area

1128
00:48:25,630 --> 00:48:23,600
a couple of days ago and his theory was

1129
00:48:27,820 --> 00:48:25,640
not that they actually rained from the

1130
00:48:31,270 --> 00:48:27,830
sky you know from the heavens or was

1131
00:48:33,430 --> 00:48:31,280
some sort of you know supernatural sort

1132
00:48:35,140 --> 00:48:33,440
of event his theory was that there's

1133
00:48:36,580 --> 00:48:35,150
things called worldly well is that most

1134
00:48:38,410 --> 00:48:36,590
of us would be familiar with it might

1135
00:48:39,850 --> 00:48:38,420
have picked up some of these flooding

1136
00:48:41,920 --> 00:48:39,860
water that could have had some fish in

1137
00:48:44,020 --> 00:48:41,930
it and soils it up take something yeah

1138
00:48:45,400 --> 00:48:44,030

and then drops it down again yeah that's

1139

00:48:46,840 --> 00:48:45,410

been going to happen they don't travel

1140

00:48:48,190 --> 00:48:46,850

very far so it couldn't have come from

1141

00:48:49,690 --> 00:48:48,200

the coast but it might have come from

1142

00:48:52,930 --> 00:48:49,700

some recent flooding

1143

00:48:54,880 --> 00:48:52,940

okay yeah but but definitely not fish

1144

00:48:56,380 --> 00:48:54,890

just falling out of the sky yeah well

1145

00:48:58,510 --> 00:48:56,390

there's no video of that either I'm

1146

00:49:00,400 --> 00:48:58,520

Glenn because this area is well actually

1147

00:49:02,590 --> 00:49:00,410

it's a it's an aboriginal settlement

1148

00:49:04,840 --> 00:49:02,600

there's not much technology apparently

1149

00:49:06,550 --> 00:49:04,850

there's spotty mobile coverage and stuff

1150

00:49:07,930 --> 00:49:06,560

too but there's no evidence once again

1151
00:49:08,230 --> 00:49:07,940
to use chris's line it makes for a good

1152
00:49:10,510 --> 00:49:08,240
story

1153
00:49:12,910 --> 00:49:10,520
yep yep absolutely much more fun there's

1154
00:49:15,310 --> 00:49:12,920
something but some boring story about it

1155
00:49:17,590 --> 00:49:15,320
not happening wouldn't be great if your

1156
00:49:18,850 --> 00:49:17,600
brain fish ever

1157
00:49:21,040 --> 00:49:18,860
oh it just depends what you want to

1158
00:49:22,720 --> 00:49:21,050
believe really a Twitter I see you

1159
00:49:25,450 --> 00:49:22,730
recently won yourself a little Ward for

1160
00:49:28,240 --> 00:49:25,460
rambling metric Twitter I did I won a

1161
00:49:30,450 --> 00:49:28,250
shorty award which is a sort of like the

1162
00:49:32,860 --> 00:49:30,460
Twitter Oscars Glenn in New York City

1163
00:49:34,660 --> 00:49:32,870

and I won for the health category so

1164

00:49:36,010 --> 00:49:34,670

that was for being the most interesting

1165

00:49:37,930 --> 00:49:36,020

person in the health category for the

1166

00:49:40,330 --> 00:49:37,940

last 12 months now I wanted to have a

1167

00:49:40,960 --> 00:49:40,340

word with you I'm following you on

1168

00:49:42,970 --> 00:49:40,970

Twitter

1169

00:49:45,430 --> 00:49:42,980

you never tweet now you keep follow me

1170

00:49:47,200 --> 00:49:45,440

baby along with the other along with the

1171

00:49:49,450 --> 00:49:47,210

other however many hundreds or thousands

1172

00:49:51,130 --> 00:49:49,460

of following me I get I get update every

1173

00:49:52,960 --> 00:49:51,140

every day from people following me on

1174

00:49:53,950 --> 00:49:52,970

Twitter and I keep looking behind me to

1175

00:49:56,050 --> 00:49:53,960

say where are these people that are

1176
00:49:58,210 --> 00:49:56,060
following okay yeah because I think you

1177
00:49:59,740 --> 00:49:58,220
put out one tweet saying I've now joined

1178
00:50:01,420 --> 00:49:59,750
Twitter and then that's about it have

1179
00:50:03,100 --> 00:50:01,430
you tweeted at all I have to I have to

1180
00:50:05,020 --> 00:50:03,110
write an article for virgin booze

1181
00:50:06,690 --> 00:50:05,030
in-flight magazine Boyer

1182
00:50:08,920 --> 00:50:06,700
alright they wanted me to Twitter and

1183
00:50:10,990 --> 00:50:08,930
that was the experience that I had that

1184
00:50:12,820 --> 00:50:11,000
I had to have and that's it okay I'm

1185
00:50:14,020 --> 00:50:12,830
Twitter it out really you don't want to

1186
00:50:16,420 --> 00:50:14,030
know about what goes on in my life

1187
00:50:18,220 --> 00:50:16,430
Rachel truly well I don't know I'm

1188
00:50:19,840 --> 00:50:18,230

following you I want to know just I'm

1189

00:50:21,480 --> 00:50:19,850

going to unfollow you now you realize

1190

00:50:23,770 --> 00:50:21,490

that don't you you're wasting your time

1191

00:50:25,600 --> 00:50:23,780

I'm telling you now save yourself the

1192

00:50:27,430 --> 00:50:25,610

breath girl thank you for coming and

1193

00:50:28,630 --> 00:50:27,440

thank you for clearing up another few

1194

00:50:30,190 --> 00:50:28,640

were all throwing some light should I

1195

00:50:33,310 --> 00:50:30,200

sound a few more little interesting

1196

00:50:35,440 --> 00:50:33,320

facts or shall I say fictions of more

1197

00:50:40,430 --> 00:50:35,450

you're welcome anytime and please for

1198

00:50:49,670 --> 00:50:40,440

more information go to WWE my you

1199

00:50:53,700 --> 00:50:52,260

today is dr. Karl Karl Chris let's keep

1200

00:50:55,890 --> 00:50:53,710

proud to be a skeptic and you can find

1201
00:51:00,890 --> 00:50:55,900
out more about me at dr. Karl calm and

1202
00:51:00,900 --> 00:51:14,849
[Music]

1203
00:51:19,990 --> 00:51:17,200
thank you for listening to the skeptic

1204
00:51:23,230 --> 00:51:20,000
zone now in this week's show notes I'll

1205
00:51:26,080 --> 00:51:23,240
add a link to my latest appearance on

1206
00:51:27,849 --> 00:51:26,090
Sydney radio just the other night and in

1207
00:51:30,220 --> 00:51:27,859
fact that went all over Australia that's

1208
00:51:33,690 --> 00:51:30,230
syndicated which is fun and I talk to

1209
00:51:35,890 --> 00:51:33,700
host Mike Williams about cold reading a

1210
00:51:38,859 --> 00:51:35,900
15-minute chat to Mike Williams about

1211
00:51:40,270 --> 00:51:38,869
the psychic tricks of cold reading and

1212
00:51:41,770 --> 00:51:40,280
I'll just add a link there in the show

1213
00:51:45,040 --> 00:51:41,780

notes if you click on that you go

1214

00:51:47,950 --> 00:51:45,050

straight to the archive page if you if

1215

00:51:50,440 --> 00:51:47,960

you weren't listening if you didn't

1216

00:51:52,599 --> 00:51:50,450

happen to listen at 4:00 a.m. or 5:00

1217

00:51:55,510 --> 00:51:52,609

a.m. I'm not sure when it was it was

1218

00:51:57,849 --> 00:51:55,520

very early you can catch up on on that

1219

00:52:01,270 --> 00:51:57,859

appearance a big thank you to the raw

1220

00:52:04,210 --> 00:52:01,280

skeptic Heidi Robinson for her very ah

1221

00:52:06,700 --> 00:52:04,220

thought-provoking report this week nice

1222

00:52:09,580 --> 00:52:06,710

one Heidi you make an excellent point

1223

00:52:11,530 --> 00:52:09,590

coming up on the next skeptic zone I

1224

00:52:14,980 --> 00:52:11,540

don't know I might chat to somebody up

1225

00:52:16,810 --> 00:52:14,990

in Queensland on the Gold Coast and to

1226

00:52:19,420 --> 00:52:16,820

do with the Gold Coast

1227

00:52:21,010 --> 00:52:19,430

skeptics this is interesting the Gold

1228

00:52:23,800 --> 00:52:21,020

Coast skeptics of course have been going

1229

00:52:26,349 --> 00:52:23,810

for a very long time there's been a bit

1230

00:52:27,820 --> 00:52:26,359

of a handing over the baton up there so

1231

00:52:29,859 --> 00:52:27,830

we might catch up with the Gold Coast

1232

00:52:32,079 --> 00:52:29,869

and see what's going on the Gold Coast

1233

00:52:34,150 --> 00:52:32,089

for those of you who don't know is a yum

1234

00:52:37,450 --> 00:52:34,160

what is what do you want to call it a

1235

00:52:41,109 --> 00:52:37,460

tourist mecca gold and beaches and sand

1236

00:52:43,270 --> 00:52:41,119

and dolphins and that's sort of that

1237

00:52:46,329 --> 00:52:43,280

sort of thing famous for parties and

1238

00:52:48,609 --> 00:52:46,339

vacations but for this week with my

1239

00:52:52,750 --> 00:52:48,619

fidget spinner on the desk here let me

1240

00:52:56,349 --> 00:52:52,760

go there we go let's got the attention

1241

00:52:58,990 --> 00:52:56,359

of Henrietta now are you going to do

1242

00:53:00,670 --> 00:52:59,000

something about that he's just looking

1243

00:53:02,820 --> 00:53:00,680

at it while Henrietta looks at the

1244

00:53:06,190 --> 00:53:02,830

fidget spinner this is Richard Saunders

1245

00:53:11,150 --> 00:53:06,200

then after that signing off from Sydney

1246

00:53:17,370 --> 00:53:13,560

you've been listening to the skeptic

1247

00:53:20,280 --> 00:53:17,380

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1248

00:53:23,940 --> 00:53:20,290

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00:53:26,850 --> 00:53:23,950

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00:53:29,570 --> 00:53:26,860

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00:53:35,610 --> 00:53:32,590

liking us on Facebook and leaving a

1253

00:53:38,490 --> 00:53:35,620

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1254

00:53:41,970 --> 00:53:38,500

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1255

00:53:44,310 --> 00:53:41,980

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1256

00:53:46,110 --> 00:53:44,320

zone is an independent production the

1257

00:53:48,240 --> 00:53:46,120

views and opinions expressed on the

1258

00:53:50,780 --> 00:53:48,250

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