

5 Years



Show 254

1.September.2013

1
00:00:04,490 --> 00:00:01,910
good evening ladies and gentlemen good

2
00:00:06,349 --> 00:00:04,500
evening hello may not hear from Maynard

3
00:00:08,089 --> 00:00:06,359
calm that I you if you go there you'll

4
00:00:10,549 --> 00:00:08,099
find a brand new interview with the

5
00:00:13,759 --> 00:00:10,559
manager or ARB himself but I'm not here

6
00:00:16,099 --> 00:00:13,769
for that I'm here to say this in the

7
00:00:19,310 --> 00:00:16,109
world before the skeptics own it was a

8
00:00:21,830 --> 00:00:19,320
world full of superstition and fustian

9
00:00:23,359 --> 00:00:21,840
behavior and one day I'll understand

10
00:00:26,150 --> 00:00:23,369
what that word means but before that

11
00:00:28,279 --> 00:00:26,160
there was nothing it was empty empty

12
00:00:31,700 --> 00:00:28,289
vessel empty shell nothing and then from

13
00:00:34,490 --> 00:00:31,710

the void came the skeptic zone for five

14

00:00:37,700 --> 00:00:34,500

years fighting the fight against fustian

15

00:00:42,799 --> 00:00:37,710

things and fustian behavior and fusty

16

00:00:45,080 --> 00:00:42,809

ish pneus but now five years on everyone

17

00:00:48,680 --> 00:00:45,090

thinks rationally and clearly in fact

18

00:00:50,690 --> 00:00:48,690

here's a letter a bumper of northern New

19

00:00:52,490 --> 00:00:50,700

South Wales rights I love your show

20

00:00:55,490 --> 00:00:52,500

there's nothing about the skeptic zone I

21

00:00:57,049 --> 00:00:55,500

don't like except that guy who is a big

22

00:00:58,939 --> 00:00:57,059

anyway we'll get on to another letter in

23

00:01:01,369 --> 00:00:58,949

a moment but look even Albert Einstein

24

00:01:04,870 --> 00:01:01,379

himself loves the show what are you

25

00:01:07,399 --> 00:01:04,880

reckon ow it's a great show man I

26
00:01:15,680 --> 00:01:07,409
personally bless the skeptic zone and

27
00:01:29,870 --> 00:01:18,830
welcome to the skeptic zone the podcast

28
00:01:36,690 --> 00:01:32,610
hello and welcome to the skeptics on an

29
00:01:39,630 --> 00:01:36,700
episode number 254 for the first of sep

30
00:01:43,050 --> 00:01:39,640
tember 2013 Richard Saunders here with

31
00:01:45,870 --> 00:01:43,060
you and yes this marks the five-year

32
00:01:47,910 --> 00:01:45,880
anniversary of the skeptic zone good

33
00:01:49,560 --> 00:01:47,920
grief I think we'll have some more

34
00:01:52,200 --> 00:01:49,570
celebrations with Stefan in the gang

35
00:01:54,330 --> 00:01:52,210
yeah shortly we're going to kick off the

36
00:01:57,120 --> 00:01:54,340
show with an interview i did with a

37
00:02:00,180 --> 00:01:57,130
lovely young student at the University

38
00:02:02,040 --> 00:02:00,190

of New South Wales Tess caucus Tess is

39

00:02:05,310 --> 00:02:02,050

very interested very concerned about

40

00:02:08,999 --> 00:02:05,320

matters pertaining to climate climate

41

00:02:11,670 --> 00:02:09,009

change environmental things she's even

42

00:02:13,650 --> 00:02:11,680

written a musical about it and in this

43

00:02:19,350 --> 00:02:13,660

interview she will give us her climate

44

00:02:21,860 --> 00:02:19,360

change wrap oh yes oh yes and and if you

45

00:02:24,300 --> 00:02:21,870

want to help test get to the Antarctic

46

00:02:28,140 --> 00:02:24,310

well that's a strange request but yes

47

00:02:30,690 --> 00:02:28,150

you can help a young student a budding

48

00:02:32,850 --> 00:02:30,700

young scientist get the Antarctic more

49

00:02:34,979 --> 00:02:32,860

details coming up in her interview and

50

00:02:37,259 --> 00:02:34,989

hey if you got a spare a couple of

51
00:02:39,690 --> 00:02:37,269
dollars in your pocket why not help

52
00:02:41,310 --> 00:02:39,700
somebody get to the Antarctic following

53
00:02:43,320 --> 00:02:41,320
that it's a weakened science from our

54
00:02:49,740 --> 00:02:43,330
good friends at the Royal Institution of

55
00:02:52,110 --> 00:02:49,750
Australia w WR I a u.s. org another week

56
00:02:54,270 --> 00:02:52,120
in science it's it's never-ending and

57
00:02:57,060 --> 00:02:54,280
then the round off the show we have a

58
00:03:00,180 --> 00:02:57,070
special report from the recent European

59
00:03:02,070 --> 00:03:00,190
skeptics Congress in Sweden and a good

60
00:03:07,220 --> 00:03:02,080
friend of ours Shane green up from

61
00:03:09,539 --> 00:03:07,230
Roberto calm that's our b ut are calm

62
00:03:11,789 --> 00:03:09,549
Roberta tells you when the web page you

63
00:03:13,740 --> 00:03:11,799

are visiting has been disputed rebutted

64

00:03:16,800 --> 00:03:13,750

or contradicted elsewhere on the

65

00:03:19,050 --> 00:03:16,810

internet Shane was our man on the spot

66

00:03:21,660 --> 00:03:19,060

to get interviews from the European

67

00:03:24,090 --> 00:03:21,670

skeptics Congress Thank You Shane thank

68

00:03:25,710 --> 00:03:24,100

you very much I couldn't be there i'm

69

00:03:28,199 --> 00:03:25,720

sad i missed this one that sounded like

70

00:03:31,199 --> 00:03:28,209

a lot of fun but nevermind Shane was

71

00:03:33,270 --> 00:03:31,209

there to grab some interviews for the

72

00:03:36,030 --> 00:03:33,280

skeptic zone and some quick

73

00:03:38,280 --> 00:03:36,040

announcements Pamela gay the wonderful

74

00:03:40,580 --> 00:03:38,290

astronomer Pamela gay is making a flying

75

00:03:42,680 --> 00:03:40,590

visit to Australia

76

00:03:46,040 --> 00:03:42,690

and part of her program is as skeptics

77

00:03:49,009 --> 00:03:46,050

in the pub night in sydney sunday sunday

78

00:03:52,070 --> 00:03:49,019

the 15th of sep tember at five-thirty

79

00:03:54,550 --> 00:03:52,080

p.m. at the crown hotel that's the

80

00:03:59,210 --> 00:03:54,560

corner of Elizabeth and Goulburn streets

81

00:04:01,580 --> 00:03:59,220

quite near museum station come and join

82

00:04:04,009 --> 00:04:01,590

us to hear what Pamela has to say there

83

00:04:06,740 --> 00:04:04,019

will be a ten-dollar Dorothy and all

84

00:04:10,100 --> 00:04:06,750

profits go to Pamela's Cosmo quest

85

00:04:12,350 --> 00:04:10,110

program a worthwhile cause and what a

86

00:04:14,870 --> 00:04:12,360

great way to spend a Sunday afternoon in

87

00:04:19,180 --> 00:04:14,880

the company of the wonderful astronomer

88

00:04:24,020 --> 00:04:19,190

Pamela game or information ww meetup com

89

00:04:26,690 --> 00:04:24,030

/ aust skeptics skeptics in the pub with

90

00:04:29,210 --> 00:04:26,700

dr. Pamela gay and from our friends in

91

00:04:31,610 --> 00:04:29,220

Victoria actually I'm in Victoria at the

92

00:04:33,529 --> 00:04:31,620

moment I'm at the house of steve roberts

93

00:04:35,750 --> 00:04:33,539

longtime skeptic Steve Robert who does

94

00:04:38,810 --> 00:04:35,760

dr. Bob's trivia quiz on the skeptics

95

00:04:42,770 --> 00:04:38,820

website he's out at the moment I'm I'm

96

00:04:46,159 --> 00:04:42,780

all alone hmm when the fridges unguarded

97

00:04:48,800 --> 00:04:46,169

get to that soon news from Victorian

98

00:04:52,190 --> 00:04:48,810

skeptics now they've started up the

99

00:04:54,020 --> 00:04:52,200

Victorian skeptics development fund so

100

00:04:57,409 --> 00:04:54,030

people in Victoria can help other

101
00:04:59,300 --> 00:04:57,419
Victorians with worthwhile skeptical

102
00:05:02,469 --> 00:04:59,310
endeavors if you'd like to find out more

103
00:05:05,150 --> 00:05:02,479
please visit the Vic skeptics

104
00:05:07,909 --> 00:05:05,160
wordpress.com and I must say the

105
00:05:10,490 --> 00:05:07,919
Victorian skeptics are a good example

106
00:05:14,480 --> 00:05:10,500
for us or active interesting getting

107
00:05:16,820 --> 00:05:14,490
things done Vic skeptics wordpress.com

108
00:05:18,320 --> 00:05:16,830
find out more well that's enough for me

109
00:05:21,100 --> 00:05:18,330
at the moment I'm going to stand up from

110
00:05:24,200 --> 00:05:21,110
my chair here sneak around the corner

111
00:05:25,430 --> 00:05:24,210
walk down the hall makes a bit of a

112
00:05:28,940 --> 00:05:25,440
difference from running down the stairs

113
00:05:32,020 --> 00:05:28,950

i guess around this on a kitchen now

114

00:05:36,190 --> 00:05:32,030

open up the fridge what do we have here

115

00:05:38,860 --> 00:05:36,200

what do we have here ah here it is

116

00:05:42,370 --> 00:05:38,870

yep I'm going to have a nice big drink

117

00:05:56,040 --> 00:05:42,380

of soda water and I hope you enjoy the

118

00:06:01,179 --> 00:05:59,049

well here I am at the University of New

119

00:06:04,179 --> 00:06:01,189

South Wales what a lovely day it is to

120

00:06:05,769 --> 00:06:04,189

wander around the campus and well I

121

00:06:08,529 --> 00:06:05,779

can't believe it folks I've bumped into

122

00:06:12,070 --> 00:06:08,539

somebody who also makes origami earrings

123

00:06:13,389 --> 00:06:12,080

I'm flabbergasted hello tesco Kish hi

124

00:06:15,999 --> 00:06:13,399

Richard thanks for having me on the

125

00:06:17,679 --> 00:06:16,009

program my pleasure and I mean it you're

126

00:06:19,269 --> 00:06:17,689

sitting in front of me now we've got a

127

00:06:22,299 --> 00:06:19,279

private meeting room here and you're

128

00:06:24,429 --> 00:06:22,309

wearing origami earrings then you made

129

00:06:27,189 --> 00:06:24,439

an inaugural necklace I am so impressed

130

00:06:29,860 --> 00:06:27,199

yeah yeah they've been my gifts for her

131

00:06:31,420 --> 00:06:29,870

friends recently there were all the 21st

132

00:06:32,769 --> 00:06:31,430

that I've had you know I can't afford to

133

00:06:35,499 --> 00:06:32,779

get presents for all of them so I make

134

00:06:37,570 --> 00:06:35,509

them good been a lot of fun heavens I do

135

00:06:40,809 --> 00:06:37,580

we should start the origami earring club

136

00:06:42,699 --> 00:06:40,819

with two members sounds good sounds good

137

00:06:45,339 --> 00:06:42,709

I'm really uh they're lovely they're

138

00:06:47,019 --> 00:06:45,349

blue cranes you're wearing and they got

139

00:06:49,119 --> 00:06:47,029

their wings out and the one on your neck

140

00:06:51,249 --> 00:06:49,129

that the necklace one is um the wings

141

00:06:52,899 --> 00:06:51,259

are folded out yeah it's a bit hard to

142

00:06:55,480 --> 00:06:52,909

you know not get poked in the neck if I

143

00:06:58,600 --> 00:06:55,490

had the wings out oh I see yeah a

144

00:07:02,559 --> 00:06:58,610

little-little what does it reach a knee

145

00:07:05,079 --> 00:07:02,569

hugs its I don't know a piece of jewelry

146

00:07:07,299 --> 00:07:05,089

thread drama yeah it's lovely and

147

00:07:10,869 --> 00:07:07,309

thinking of blue shirt and blue earrings

148

00:07:12,040 --> 00:07:10,879

today fantastic and I was tickled pink

149

00:07:15,909 --> 00:07:12,050

to see somebody else who makes it

150

00:07:19,029 --> 00:07:15,919

origami hearings yeah yeah fantastic but

151
00:07:21,519 --> 00:07:19,039
why I'm here today I guess you I caught

152
00:07:26,249 --> 00:07:21,529
my attention a couple of weeks ago at

153
00:07:29,889 --> 00:07:26,259
the the I ALS event here in Sydney I

154
00:07:32,739 --> 00:07:29,899
love science yep that one is that one um

155
00:07:36,790 --> 00:07:32,749
and you ever came up and said hello and

156
00:07:40,509 --> 00:07:36,800
you performed a scientific rap song I

157
00:07:43,209 --> 00:07:40,519
did I did mm-hmm it was yeah it was a

158
00:07:44,889 --> 00:07:43,219
bit a bit of my hobby recently to run

159
00:07:46,509 --> 00:07:44,899
while I wrote a musical about the

160
00:07:48,309 --> 00:07:46,519
climate change debate in Australia and I

161
00:07:50,709 --> 00:07:48,319
think my favorite part of it was the rap

162
00:07:52,420 --> 00:07:50,719
so it's it doesn't really have a title

163
00:07:54,730 --> 00:07:52,430

it's a bit like the just the climate

164

00:07:56,619 --> 00:07:54,740

scientists rap good heavens we'll get to

165

00:07:58,390 --> 00:07:56,629

that in a second yeah here the

166

00:08:00,700 --> 00:07:58,400

university you're studying

167

00:08:02,110 --> 00:08:00,710

science and education mmhmm yeah yeah

168

00:08:02,950 --> 00:08:02,120

after a bit of fiddling around with my

169

00:08:04,890 --> 00:08:02,960

degrees I've done a bit of

170

00:08:07,540 --> 00:08:04,900

communications bit of Arts bit of

171

00:08:08,950 --> 00:08:07,550

linguistic sociology all those sorts of

172

00:08:11,590 --> 00:08:08,960

things I've been a little bit indecisive

173

00:08:13,900 --> 00:08:11,600

but I've settled on science education

174

00:08:16,600 --> 00:08:13,910

now is that science and educational

175

00:08:18,189 --> 00:08:16,610

science education well i'll be a science

176

00:08:21,840 --> 00:08:18,199

teacher after it but it's technically a

177

00:08:24,670 --> 00:08:21,850

double degree fantastic mm-hmm I've them

178

00:08:27,659 --> 00:08:24,680

although I'm not a science teacher as

179

00:08:29,290 --> 00:08:27,669

such I've been certainly been given

180

00:08:32,079 --> 00:08:29,300

accreditation that's all right by

181

00:08:34,779 --> 00:08:32,089

yourself I'll science education Oh 10

182

00:08:36,940 --> 00:08:34,789

years ago now to like to do science

183

00:08:37,930 --> 00:08:36,950

shows in schools yeah and I'm still

184

00:08:41,260 --> 00:08:37,940

doing that with a mystery investigators

185

00:08:43,350 --> 00:08:41,270

which is enormously pleasing so oh and

186

00:08:46,600 --> 00:08:43,360

I've met many wonderful science teachers

187

00:08:49,030 --> 00:08:46,610

yes and that's why over 200 months yea

188

00:08:51,430 --> 00:08:49,040

high school yea high school science you

189

00:08:54,130 --> 00:08:51,440

have physics and chemistry mmm-hmm

190

00:08:55,930 --> 00:08:54,140

that's exciting yeah I loved I loved

191

00:08:59,230 --> 00:08:55,940

physics at school pronounce that's my

192

00:09:00,850 --> 00:08:59,240

favorite science I just I loved one of

193

00:09:02,829 --> 00:09:00,860

the things I most love about physics is

194

00:09:05,740 --> 00:09:02,839

the puns you can get out of it the palms

195

00:09:08,530 --> 00:09:05,750

yes go on then what oh I don't know you

196

00:09:10,269 --> 00:09:08,540

know I do my boyfriend's an engineer and

197

00:09:14,110 --> 00:09:10,279

I just love using the line you're all

198

00:09:17,250 --> 00:09:14,120

talk on him as NT hola q ue theory me

199

00:09:20,470 --> 00:09:17,260

listeners can ride him into plane later

200

00:09:24,070 --> 00:09:20,480

yeah it's a little bit of an awful pun

201
00:09:27,340 --> 00:09:24,080
but I just love to use it and I actually

202
00:09:29,170 --> 00:09:27,350
saw a great physics T physics t-shirt

203
00:09:31,750 --> 00:09:29,180
today it was actually Star Wars and

204
00:09:35,620 --> 00:09:31,760
physics joke Albin one and as a t-shirt

205
00:09:38,949 --> 00:09:35,630
that said use the QV be signs detail no

206
00:09:41,140 --> 00:09:38,959
it's so good I love it I love it it's

207
00:09:42,760 --> 00:09:41,150
hilarious that are gearing well walking

208
00:09:44,560 --> 00:09:42,770
around the University of bounces yeah

209
00:09:48,660 --> 00:09:44,570
and some pretty funny t-shirt it's

210
00:09:51,370 --> 00:09:48,670
pretty funny t-shirt so what's what's

211
00:09:55,000 --> 00:09:51,380
grouping for you with the cold climate

212
00:09:58,110 --> 00:09:55,010
science um well I guess my parents have

213
00:10:00,340 --> 00:09:58,120

always been interested in and aware of

214

00:10:02,340 --> 00:10:00,350

environmental problems like my dad works

215

00:10:05,049 --> 00:10:02,350

with renewable energy I just

216

00:10:08,679 --> 00:10:05,059

you just did you just did I introduced

217

00:10:09,699 --> 00:10:08,689

written to Richard yeah and it's just

218

00:10:13,030 --> 00:10:09,709

always been something that I've been

219

00:10:15,160 --> 00:10:13,040

brought up caring about and it I

220

00:10:16,929 --> 00:10:15,170

actually do a lot of stuff with the

221

00:10:18,730 --> 00:10:16,939

Australian Youth Climate Coalition hi

222

00:10:22,929 --> 00:10:18,740

the Australian Youth Climate Coalition

223

00:10:25,569 --> 00:10:22,939

okay we're at 80,000 young person

224

00:10:30,579 --> 00:10:25,579

organization and actually the other week

225

00:10:32,949 --> 00:10:30,589

I I donned an emo suit and harassed Raj

226

00:10:35,169 --> 00:10:32,959

about his lack of protection for the

227

00:10:38,499 --> 00:10:35,179

Great Barrier Reef that's that's a sort

228

00:10:40,929 --> 00:10:38,509

of thing we do but I went to a youth

229

00:10:43,509 --> 00:10:40,939

youth um uthan action and policy

230

00:10:47,499 --> 00:10:43,519

association conference in 2008 and I got

231

00:10:49,210 --> 00:10:47,509

I got told about well I started talking

232

00:10:50,910 --> 00:10:49,220

about sustainability so much to the

233

00:10:53,499 --> 00:10:50,920

point where it became my nickname and

234

00:10:54,579 --> 00:10:53,509

the the head of the organization came up

235

00:10:55,900 --> 00:10:54,589

to me afterwards and he said there's

236

00:10:57,369 --> 00:10:55,910

there's an organization that's just

237

00:10:59,319 --> 00:10:57,379

starting up the Australian Youth Climate

238

00:11:00,579 --> 00:10:59,329

Coalition you might be interested in

239

00:11:03,249 --> 00:11:00,589

getting involved you know here's the

240

00:11:06,999 --> 00:11:03,259

website things like that and i went to

241

00:11:10,210 --> 00:11:07,009

the conference in 2009 and 2011 and 2013

242

00:11:14,139 --> 00:11:10,220

I've made some amazing friends and so

243

00:11:15,519 --> 00:11:14,149

I've got I came from at high school I

244

00:11:17,199 --> 00:11:15,529

was really the only one who cared about

245

00:11:19,449 --> 00:11:17,209

climate change and wanted to do stuff in

246

00:11:20,799 --> 00:11:19,459

school and things like that and didn't

247

00:11:23,499 --> 00:11:20,809

have great great amount of teacher

248

00:11:24,939 --> 00:11:23,509

support and now i'm part of the

249

00:11:27,129 --> 00:11:24,949

Australian Youth Climate Coalition and

250

00:11:28,150 --> 00:11:27,139

it's just incredible that's that's

251

00:11:30,220 --> 00:11:28,160

really interesting it's really

252

00:11:31,749 --> 00:11:30,230

interesting and from my point of view I

253

00:11:34,809 --> 00:11:31,759

can tell you what we're fed up with

254

00:11:36,489 --> 00:11:34,819

people confusing the Australian skeptics

255

00:11:39,369 --> 00:11:36,499

and the skeptical movement with climate

256

00:11:42,489 --> 00:11:39,379

change ski yeah oh boy yes I can imagine

257

00:11:44,379 --> 00:11:42,499

it boy we even put up a special page on

258

00:11:48,910 --> 00:11:44,389

our website basically saying look we're

259

00:11:50,829 --> 00:11:48,920

not those skip it's like in yeah the old

260

00:11:52,359 --> 00:11:50,839

days not not anymore i haven't heard

261

00:11:55,419 --> 00:11:52,369

this for a long time but people used to

262

00:11:58,179 --> 00:11:55,429

confuse us with moon landing Oh skeptics

263

00:12:00,660 --> 00:11:58,189

all those men the conspiracy theorists

264

00:12:03,189 --> 00:12:00,670

you're not conspiracy theorists no no no

265

00:12:04,210 --> 00:12:03,199

go on Imperial evidence and things like

266

00:12:07,510 --> 00:12:04,220

that

267

00:12:10,610 --> 00:12:07,520

but you must run into all sorts of

268

00:12:12,500 --> 00:12:10,620

woolly arguments from people well of

269

00:12:14,510 --> 00:12:12,510

course there's no climate change it's

270

00:12:18,080 --> 00:12:14,520

all the fault well now it's all a

271

00:12:19,640 --> 00:12:18,090

conspiracy from from being over yeah

272

00:12:21,680 --> 00:12:19,650

yeah all the scientists want more

273

00:12:23,690 --> 00:12:21,690

funding that's what it is they figure

274

00:12:25,670 --> 00:12:23,700

that I've heard that they come out and

275

00:12:27,020 --> 00:12:25,680

say its scientists who simply want more

276

00:12:28,760 --> 00:12:27,030

funding and they get more funding by

277

00:12:30,200 --> 00:12:28,770

running around saying that climate

278

00:12:33,140 --> 00:12:30,210

change is bad news happening all the

279

00:12:36,260 --> 00:12:33,150

rest and they ignore those science of

280

00:12:38,120 --> 00:12:36,270

course of course of course scientists

281

00:12:40,490 --> 00:12:38,130

wouldn't for later science no they just

282

00:12:44,390 --> 00:12:40,500

we're all they want is funding all they

283

00:12:46,550 --> 00:12:44,400

want as well the don't wheel that's true

284

00:12:48,080 --> 00:12:46,560

fair enough fair enough you might be

285

00:12:49,640 --> 00:12:48,090

interested in in I don't know if you've

286

00:12:52,180 --> 00:12:49,650

heard of the National Center for Science

287

00:12:55,370 --> 00:12:52,190

education in the United States um

288

00:12:56,780 --> 00:12:55,380

peripheral e not know okay so not to the

289

00:12:59,450 --> 00:12:56,790

point where I've done it they've taken

290

00:13:02,840 --> 00:12:59,460

out this they were primarily and I guess

291

00:13:05,270 --> 00:13:02,850

they still are defending the teaching

292

00:13:07,340 --> 00:13:05,280

the teaching of evolution in schools and

293

00:13:09,200 --> 00:13:07,350

creationists in America it's a big

294

00:13:10,520 --> 00:13:09,210

problem yeah we don't you don't really

295

00:13:13,730 --> 00:13:10,530

have that much of a problem here in

296

00:13:14,990 --> 00:13:13,740

Australia I'm pleased to say yeah but

297

00:13:18,020 --> 00:13:15,000

more recently over the last few years

298

00:13:21,920 --> 00:13:18,030

they've also taken the same attitude

299

00:13:23,900 --> 00:13:21,930

towards climate change denial so they

300

00:13:26,390 --> 00:13:23,910

will help teachers and others who are

301
00:13:28,700 --> 00:13:26,400
having a hard time yeah trying basically

302
00:13:31,790 --> 00:13:28,710
trying to teach science yeah I had an

303
00:13:32,960 --> 00:13:31,800
odd experience in high school that when

304
00:13:36,230 --> 00:13:32,970
I was part of the Environment Committee

305
00:13:38,210 --> 00:13:36,240
in year 11 the teacher who run the group

306
00:13:41,000 --> 00:13:38,220
I found out she was a climate-change

307
00:13:42,770 --> 00:13:41,010
skeptic mmm was really strange

308
00:13:44,990 --> 00:13:42,780
experience and I found out you know

309
00:13:47,150 --> 00:13:45,000
fairly late into the into the term yeah

310
00:13:50,780 --> 00:13:47,160
and it was it was just such a bizarre

311
00:13:52,850 --> 00:13:50,790
experience like I'd I struggled to find

312
00:13:54,770 --> 00:13:52,860
support within the school structure to

313
00:13:56,810 --> 00:13:54,780

get you know big action happening so I

314

00:13:57,980 --> 00:13:56,820

did manage to get solar cells on the

315

00:13:59,780 --> 00:13:57,990

roof of the pool it's going on do you

316

00:14:01,940 --> 00:13:59,790

yeah yeah my year eight science teacher

317

00:14:04,160 --> 00:14:01,950

heard what my dad did and thought we're

318

00:14:05,480 --> 00:14:04,170

gonna get some solar cells and we did so

319

00:14:08,270 --> 00:14:05,490

that's that's my legacy of the school

320

00:14:10,040 --> 00:14:08,280

what does you did you just he's the head

321

00:14:11,930 --> 00:14:10,050

of the school of photovoltaic and

322

00:14:14,090 --> 00:14:11,940

renewable energy engineering at the

323

00:14:16,550 --> 00:14:14,100

University of New South Wales you must

324

00:14:20,269 --> 00:14:16,560

have a big business card

325

00:14:22,430 --> 00:14:20,279

yeah yeah yeahs fit all that on he's big

326

00:14:24,140 --> 00:14:22,440

in China and he's mates with cate

327

00:14:26,810 --> 00:14:24,150

blanchett too because they did a did a

328

00:14:29,500 --> 00:14:26,820

project on the wharf theatre he likes to

329

00:14:31,940 --> 00:14:29,510

use the phrase my mate Kate oh yes yeah

330

00:14:35,180 --> 00:14:31,950

once she kissed him on the cheek and he

331

00:14:38,090 --> 00:14:35,190

rubbed it on a better for ages I wonder

332

00:14:41,000 --> 00:14:38,100

why a chief looked a bit dirty wash the

333

00:14:44,000 --> 00:14:41,010

things I can't say that I blame him now

334

00:14:47,000 --> 00:14:44,010

so this is all coalesce in your mind all

335

00:14:49,730 --> 00:14:47,010

this stuff yep and it inspired you to

336

00:14:51,950 --> 00:14:49,740

take more action in artistic man I shall

337

00:14:54,470 --> 00:14:51,960

we say how did what was the thinking

338

00:14:58,100 --> 00:14:54,480

behind all that well it came out of a

339

00:15:01,160 --> 00:14:58,110

post from the AICC which was calling for

340

00:15:03,260 --> 00:15:01,170

crowdsourcing for ideas on how to turn

341

00:15:04,970 --> 00:15:03,270

the climate change debate from something

342

00:15:07,610 --> 00:15:04,980

about being the carbon tax is a bad

343

00:15:09,710 --> 00:15:07,620

thing to it being about positive action

344

00:15:13,100 --> 00:15:09,720

towards transitioning to renewable

345

00:15:15,470 --> 00:15:13,110

energy future and I don't know it just

346

00:15:17,090 --> 00:15:15,480

just sprung from there and I pretty much

347

00:15:19,190 --> 00:15:17,100

knocked off most of it in a couple of

348

00:15:21,920 --> 00:15:19,200

nights how long does it go the whole

349

00:15:25,190 --> 00:15:21,930

shootin it's about 45 minutes like it's

350

00:15:27,740 --> 00:15:25,200

not a huge show but um this is a live

351
00:15:31,970 --> 00:15:27,750
show which is been before yeah yeah yeah

352
00:15:35,270 --> 00:15:31,980
is it on YouTube norm but I'm going to

353
00:15:37,910 --> 00:15:35,280
be selling DVDs to raise money for me to

354
00:15:39,800 --> 00:15:37,920
go to Antarctica Antarctic mm-hmm the

355
00:15:41,990 --> 00:15:39,810
Antarctic Youth Ambassador Program in

356
00:15:44,360 --> 00:15:42,000
February next year how exciting is yeah

357
00:15:45,350 --> 00:15:44,370
how exciting is that a very good friend

358
00:15:47,090 --> 00:15:45,360
of mine and a good friend of the

359
00:15:49,520 --> 00:15:47,100
skeptics earned dr. Paul Willis who has

360
00:15:51,200 --> 00:15:49,530
a segment on a show every week he's been

361
00:15:52,730 --> 00:15:51,210
to the Antarctic more times and he's had

362
00:15:55,910 --> 00:15:52,740
hot dinners I swear he's going down

363
00:16:00,500 --> 00:15:55,920

there a lot of times and the exciting

364

00:16:02,990 --> 00:16:00,510

stories he tells of getting off the

365

00:16:08,560 --> 00:16:03,000

launch or whatever I was walking along

366

00:16:12,260 --> 00:16:08,570

and finding us a fossilized plesiosaur

367

00:16:14,480 --> 00:16:12,270

yeah yeah isn't that just that still

368

00:16:17,690 --> 00:16:14,490

gobsmacking okay you think it is it's

369

00:16:20,480 --> 00:16:17,700

not making so it just boggles the mind

370

00:16:22,760 --> 00:16:20,490

the wealth of scientific treasure that

371

00:16:25,340 --> 00:16:22,770

lies about the ice in the Antarctic it

372

00:16:28,079 --> 00:16:25,350

must be when you think about it I guess

373

00:16:32,040 --> 00:16:28,089

there must be untold

374

00:16:33,929 --> 00:16:32,050

fossils of animals dinosaurs all sorts

375

00:16:35,150 --> 00:16:33,939

of things there yes so exciting and

376

00:16:37,769 --> 00:16:35,160

apart from the fact that it's a

377

00:16:39,389 --> 00:16:37,779

spectacularly beautiful place and so I

378

00:16:42,030 --> 00:16:39,399

don't blame you for wanting to go yeah

379

00:16:45,079 --> 00:16:42,040

yeah I don't blame you at all and and so

380

00:16:48,030 --> 00:16:45,089

it so you're saying you did film it yeah

381

00:16:50,910 --> 00:16:48,040

the phone we performed it early January

382

00:16:52,980 --> 00:16:50,920

and when when is that DVD looking like

383

00:16:54,389 --> 00:16:52,990

it's going to be right well I need to go

384

00:16:56,519 --> 00:16:54,399

over to my friends place and pick them

385

00:16:59,519 --> 00:16:56,529

up and then organize to sell them that's

386

00:17:03,780 --> 00:16:59,529

that's what it's going to be but yeah if

387

00:17:06,929 --> 00:17:03,790

you if you're interested and want to

388

00:17:08,850 --> 00:17:06,939

check out my musical um i will post news

389

00:17:12,630 --> 00:17:08,860

about that on my blog which is aunt

390

00:17:16,799 --> 00:17:12,640

Arctic and Antarctic and test wordpress

391

00:17:19,669 --> 00:17:16,809

com Antarctic and test wordpress com I

392

00:17:22,769 --> 00:17:19,679

put a link in the show notes they Google

393

00:17:25,500 --> 00:17:22,779

Antarctic and kiss yep yep this is

394

00:17:27,179 --> 00:17:25,510

arguing yep how exciting is that way

395

00:17:29,399 --> 00:17:27,189

there's the word listeners if you want

396

00:17:31,980 --> 00:17:29,409

to help this courageous young woman with

397

00:17:35,190 --> 00:17:31,990

her origami earrings origami earrings in

398

00:17:37,500 --> 00:17:35,200

the Antarctic ice I'll take it take a

399

00:17:39,600 --> 00:17:37,510

selfie in not to go with some origami

400

00:17:42,960 --> 00:17:39,610

earrings that would be fantastic if you

401
00:17:45,889 --> 00:17:42,970
want to help this brave young lady reach

402
00:17:47,639 --> 00:17:45,899
her dream then check out the blog and

403
00:17:50,279 --> 00:17:47,649
hopefully very soon you'll be able to

404
00:17:53,190 --> 00:17:50,289
get the DVD and I think I think we

405
00:17:55,710 --> 00:17:53,200
really do need an example yeah maybe the

406
00:17:59,700 --> 00:17:55,720
wrap sure myself let's hear the wrap

407
00:18:01,769 --> 00:17:59,710
yeah okay listen to us what we speak is

408
00:18:03,450 --> 00:18:01,779
true I facts and figures kind of make us

409
00:18:05,250 --> 00:18:03,460
blue you can right the wrongs if you

410
00:18:07,740 --> 00:18:05,260
stop and here we're giving truth in a

411
00:18:09,990 --> 00:18:07,750
propagating fear climate change it can't

412
00:18:11,700 --> 00:18:10,000
be ignored sit up in here don't just be

413
00:18:13,380 --> 00:18:11,710

bored I'll slap you with the fact if you

414

00:18:14,760 --> 00:18:13,390

make me see red if you ignore science

415

00:18:17,130 --> 00:18:14,770

you might as well be dead me and my

416

00:18:19,860 --> 00:18:17,140

colleagues here at CSIRO the sick and

417

00:18:21,899 --> 00:18:19,870

tired of you no no no open your ears it

418

00:18:23,940 --> 00:18:21,909

might save your life we won't let you

419

00:18:26,010 --> 00:18:23,950

drag us into strife the earth is warming

420

00:18:28,649 --> 00:18:26,020

as cos we emit greenhouse gases carbon

421

00:18:30,299 --> 00:18:28,659

and all that sea levels rising we're in

422

00:18:31,710 --> 00:18:30,309

big trouble so we're here to burst your

423

00:18:33,510 --> 00:18:31,720

protective bubble what we're seeing

424

00:18:35,570 --> 00:18:33,520

hasn't happened since way back when two

425

00:18:37,980 --> 00:18:35,580

decades after Jesus was hanging with men

426

00:18:38,390 --> 00:18:37,990

graphical trends are on the up and up I

427

00:18:40,340 --> 00:18:38,400

know

428

00:18:42,050 --> 00:18:40,350

hard to understand young pup but it

429

00:18:43,760 --> 00:18:42,060

means or through if we don't change with

430

00:18:45,590 --> 00:18:43,770

changing means in ways so it will feel

431

00:18:47,360 --> 00:18:45,600

strange droughts and floods Carl

432

00:18:49,760 --> 00:18:47,370

bleaching a mess it's proof right here

433

00:18:51,350 --> 00:18:49,770

at planets under stress make more

434

00:18:52,850 --> 00:18:51,360

pollution the earth gets hotter do we

435

00:18:54,670 --> 00:18:52,860

have to lead you like a horse to water

436

00:18:57,050 --> 00:18:54,680

the car when we send to the atmosphere

437

00:18:59,030 --> 00:18:57,060

thickens layer traps the heat in here

438

00:19:01,430 --> 00:18:59,040

it's really not natural gas or too hot

439

00:19:02,750 --> 00:19:01,440

you're staring us in a boiling pot when

440

00:19:04,610 --> 00:19:02,760

you say we're wrong you're defying

441

00:19:06,740 --> 00:19:04,620

physics geologic slack for three to five

442

00:19:08,450 --> 00:19:06,750

or six you pull out the skeptics like I

443

00:19:09,830 --> 00:19:08,460

know what's what but if I kept it to me

444

00:19:11,540 --> 00:19:09,840

they know diddly-squat about the

445

00:19:13,040 --> 00:19:11,550

patterns graph in fact climate science

446

00:19:15,560 --> 00:19:13,050

but you aren't methyl ice we weren't sit

447

00:19:17,360 --> 00:19:15,570

in silence but facts the facts you can't

448

00:19:19,190 --> 00:19:17,370

deny that so we hope you thanked us for

449

00:19:20,750 --> 00:19:19,200

this little chat cement and clever

450

00:19:22,220 --> 00:19:20,760

scientists just aren't wrong and it

451
00:19:25,250 --> 00:19:22,230
names nothing condiments or join the

452
00:19:27,350 --> 00:19:25,260
throng save your precious words they've

453
00:19:29,480 --> 00:19:27,360
been little to us you're wrong and you

454
00:19:31,130 --> 00:19:29,490
know it thus take your propaganda it's

455
00:19:38,090 --> 00:19:31,140
not welcome here we're all about making

456
00:19:40,970 --> 00:19:38,100
sure the area is clear and you wrote

457
00:19:43,940 --> 00:19:40,980
that yeah good heavens mm-hmm good

458
00:19:46,400 --> 00:19:43,950
heavens Wow a climate change rap is it

459
00:19:48,260 --> 00:19:46,410
as cold was that it doesn't really have

460
00:19:51,490 --> 00:19:48,270
a title because it fits into a into a

461
00:19:55,040 --> 00:19:51,500
whole thing and yeah it's technically um

462
00:19:57,380 --> 00:19:55,050
it's technically a two-part rap between

463
00:20:01,010 --> 00:19:57,390

a scientist scientist and an economist

464

00:20:04,220 --> 00:20:01,020

at chive charmer who is a mining magnate

465

00:20:08,330 --> 00:20:04,230

is based off no one no no no no no I

466

00:20:10,550 --> 00:20:08,340

know that name at all yeah yeah yeah

467

00:20:13,370 --> 00:20:10,560

it's it's yeah it's a lot of fun it's a

468

00:20:15,790 --> 00:20:13,380

musical is a bit bit political but um

469

00:20:18,770 --> 00:20:15,800

yeah well I guess it would have to be

470

00:20:20,510 --> 00:20:18,780

it's true it's true I'm pretty

471

00:20:23,270 --> 00:20:20,520

interested in the sociological effects

472

00:20:24,590 --> 00:20:23,280

of you know climate change and the fact

473

00:20:27,470 --> 00:20:24,600

that's going to be you know whole

474

00:20:28,790 --> 00:20:27,480

cultural and you know it's societal

475

00:20:30,830 --> 00:20:28,800

shift that we're going to have to do in

476

00:20:32,420 --> 00:20:30,840

dissolve it you know you can't can't

477

00:20:34,160 --> 00:20:32,430

really ignore the political enough you

478

00:20:36,860 --> 00:20:34,170

know what I'd love I would love you to

479

00:20:38,980 --> 00:20:36,870

come and perform that at our sydney

480

00:20:40,940 --> 00:20:38,990

skeptics in the pub meeting one time

481

00:20:44,030 --> 00:20:40,950

sounds good to me have you got the

482

00:20:45,980 --> 00:20:44,040

bottle to do that yeah yeah I can do

483

00:20:47,049 --> 00:20:45,990

that yeah I think that would be really

484

00:20:49,749 --> 00:20:47,059

fun that way

485

00:20:52,029 --> 00:20:49,759

fun well test look I'm delighted to come

486

00:20:53,680 --> 00:20:52,039

by have a chat with you and be dazzled

487

00:20:56,489 --> 00:20:53,690

by your talent in your earrings okay

488

00:20:58,869 --> 00:20:56,499

your necklace and this looks lovely and

489

00:21:00,759 --> 00:20:58,879

thank you for being on the skeptics am

490

00:21:11,680 --> 00:21:00,769

thank you so much the inviting me to be

491

00:21:13,509 --> 00:21:11,690

part of it virtual skeptics is a weekly

492

00:21:16,119 --> 00:21:13,519

web show in which we discuss the latest

493

00:21:18,070 --> 00:21:16,129

news in skepticism whether it's a new

494

00:21:20,259 --> 00:21:18,080

case of spontaneous human combustion a

495

00:21:22,480 --> 00:21:20,269

conspiracy theory the latest update on

496

00:21:24,159 --> 00:21:22,490

the upcoming robot apocalypse tech news

497

00:21:26,649 --> 00:21:24,169

for skeptics are the latest wacky

498

00:21:29,019 --> 00:21:26,659

religious claim we cover it all we

499

00:21:31,659 --> 00:21:29,029

record the show live as a Google+ on-air

500

00:21:33,489 --> 00:21:31,669

hang out so join us and our host Brian

501
00:21:35,619 --> 00:21:33,499
Gregory for an hour of mostly

502
00:21:38,529 --> 00:21:35,629
intelligent talk every wednesday at

503
00:21:41,529 --> 00:21:38,539
eight pm eastern US time watch us at

504
00:21:44,200 --> 00:21:41,539
virtual skeptics calm and participate in

505
00:21:47,109 --> 00:21:44,210
the show on our hashtag virtual skeptics

506
00:21:52,119 --> 00:21:47,119
the virtual skeptics it's like meet the

507
00:21:57,139 --> 00:21:54,769
welcome to a week in science from our

508
00:22:00,229 --> 00:21:57,149
iOS bringing you the science news you

509
00:22:03,129 --> 00:22:00,239
need to know this week in science we saw

510
00:22:09,109 --> 00:22:03,139
listening fetuses acidic oceans and

511
00:22:11,149 --> 00:22:09,119
combating a varian cancer ocean

512
00:22:14,419 --> 00:22:11,159
acidification is set to drastically

513
00:22:17,810 --> 00:22:14,429

impact our oceans ecosystems within this

514

00:22:20,090 --> 00:22:17,820

century this process is due to increased

515

00:22:22,729 --> 00:22:20,100

co2 in the atmosphere which is absorbed

516

00:22:25,609 --> 00:22:22,739

by our oceans making them more acidic a

517

00:22:27,409 --> 00:22:25,619

study of a wide range of organisms found

518

00:22:30,739 --> 00:22:27,419

that all of them will be negatively

519

00:22:32,869 --> 00:22:30,749

affected to varying degrees corals clams

520

00:22:34,729 --> 00:22:32,879

and starfish as some of the animals that

521

00:22:37,249 --> 00:22:34,739

are most susceptible while whales

522

00:22:41,180 --> 00:22:37,259

dolphins and crustaceans appear to be

523

00:22:43,639 --> 00:22:41,190

more resilient there's been an advance

524

00:22:45,529 --> 00:22:43,649

in the fight against ovarian cancer with

525

00:22:47,629 --> 00:22:45,539

a promising new screening strategy

526

00:22:50,089 --> 00:22:47,639

ovarian cancer has previously been

527

00:22:52,909 --> 00:22:50,099

difficult to detect early and is often

528

00:22:55,999 --> 00:22:52,919

lethal claiming over 900 Australian

529

00:22:58,339 --> 00:22:56,009

women each year the two-stage screening

530

00:23:00,440 --> 00:22:58,349

process involves a series of blood tests

531

00:23:03,200 --> 00:23:00,450

with follow-up ultrasounds for high-risk

532

00:23:05,330 --> 00:23:03,210

patients this early detection strategy

533

00:23:07,609 --> 00:23:05,340

is currently being clinically trialed in

534

00:23:10,609 --> 00:23:07,619

the US and has the potential to save

535

00:23:13,849 --> 00:23:10,619

thousands of lives you're listening to a

536

00:23:18,830 --> 00:23:13,859

week in science from our iOS and now for

537

00:23:21,409 --> 00:23:18,840

size headlines in 30 seconds babies in

538

00:23:23,989 --> 00:23:21,419

the womb can hear and remember words a

539

00:23:27,259 --> 00:23:23,999

new approach to detecting celiac disease

540

00:23:29,049 --> 00:23:27,269

an immune response to gluten reveals it

541

00:23:32,210 --> 00:23:29,059

is more common than previously thought

542

00:23:35,299 --> 00:23:32,220

fish larvae can smell their home reef

543

00:23:38,089 --> 00:23:35,309

from several kilometers away and if a

544

00:23:39,649 --> 00:23:38,099

robot has a human-like face you're more

545

00:23:43,849 --> 00:23:39,659

likely to think it has its own

546

00:23:46,310 --> 00:23:43,859

personality and mind time for another

547

00:23:49,310 --> 00:23:46,320

quick question according to new research

548

00:23:53,330 --> 00:23:49,320

what percentage of fast food adverts

549

00:23:57,969 --> 00:23:53,340

aimed at kids use toys as enticements is

550

00:24:01,310 --> 00:23:57,979

it a 30-percent be fifty percent see

551
00:24:04,279 --> 00:24:01,320
seventy percent or D ninety percent

552
00:24:05,529 --> 00:24:04,289
tweet us the answer at our i underscore

553
00:24:08,749 --> 00:24:05,539
aus

554
00:24:10,909 --> 00:24:08,759
hashtag weekend sigh that's it for this

555
00:24:13,129 --> 00:24:10,919
week in science for more information on

556
00:24:16,970 --> 00:24:13,139
these and other science news stories go

557
00:24:19,519 --> 00:24:16,980
to the Orioles website are I a US or gay

558
00:24:21,919 --> 00:24:19,529
you follow us on Twitter using the

559
00:24:24,470 --> 00:24:21,929
hashtag week in sy and like us on

560
00:24:40,100 --> 00:24:24,480
Facebook I'm Paul Willis and i'll catch

561
00:24:41,989 --> 00:24:40,110
you next week the skeptic magazine the

562
00:24:44,960 --> 00:24:41,999
journal from australian skeptics

563
00:24:49,460 --> 00:24:44,970

subscribe online to the world's second

564

00:24:52,810 --> 00:24:49,470

oldest skeptical magazine visit w WC apx

565

00:24:56,899 --> 00:24:52,820

kombu and click the publications league

566

00:25:00,919 --> 00:24:56,909

you can also find their over 30 years on

567

00:25:17,450 --> 00:25:00,929

back issues free to download the skeptic

568

00:25:23,280 --> 00:25:20,100

hello skipped exam this is Shane green

569

00:25:25,800 --> 00:25:23,290

up here the founder of rubato and I am

570

00:25:28,530 --> 00:25:25,810

at the 15th European skeptics conference

571

00:25:31,260 --> 00:25:28,540

I'm going to be doing some interviews

572

00:25:35,400 --> 00:25:31,270

for you and hopefully we find some

573

00:25:39,450 --> 00:25:35,410

interesting things to talk about hey so

574

00:25:42,840 --> 00:25:39,460

I am here with Michael Marsh you talked

575

00:25:45,000 --> 00:25:42,850

yesterday yeah I did I talked about my

576
00:25:46,980 --> 00:25:45,010
my PR and the media stuff and just how

577
00:25:48,240 --> 00:25:46,990
much of the news is actually placed

578
00:25:49,770 --> 00:25:48,250
there by companies trying to sell you

579
00:25:51,930 --> 00:25:49,780
stuff and how you spot this kind of

580
00:25:54,000 --> 00:25:51,940
stuff and and how you can demonstrate

581
00:25:56,040 --> 00:25:54,010
the harm of it and I think by tracking

582
00:25:57,210 --> 00:25:56,050
it or tracking what kind of stories

583
00:25:59,340 --> 00:25:57,220
appear in the news all the time you can

584
00:26:02,220 --> 00:25:59,350
start to piece together narratives and

585
00:26:04,080 --> 00:26:02,230
find the villains and see really

586
00:26:05,820 --> 00:26:04,090
interesting sub stories behind the news

587
00:26:08,190 --> 00:26:05,830
to how stuffs getting made really yeah

588
00:26:10,230 --> 00:26:08,200

it's one of my favorite talks of the

589

00:26:11,970 --> 00:26:10,240

whole weekend I really love the way you

590

00:26:14,790 --> 00:26:11,980

present it it's it's funny and engaging

591

00:26:16,320 --> 00:26:14,800

and one of my favorite things that you

592

00:26:18,540 --> 00:26:16,330

talk about is that the fourth paragraph

593

00:26:21,120 --> 00:26:18,550

rule yeah yeah may or may not have

594

00:26:23,040 --> 00:26:21,130

invented yeah I think so so the fourth

595

00:26:24,720 --> 00:26:23,050

paragraph rule is a rule of thumb which

596

00:26:26,250 --> 00:26:24,730

says that if there's a company named in

597

00:26:27,330 --> 00:26:26,260

the fourth paragraph of the story then

598

00:26:28,710 --> 00:26:27,340

there's a very good chance that's the

599

00:26:30,360 --> 00:26:28,720

company who paid for the story and

600

00:26:31,980 --> 00:26:30,370

sometimes it's the third sometimes the

601
00:26:34,320 --> 00:26:31,990
fifth but the key is for it to be high

602
00:26:36,300 --> 00:26:34,330
in a full that when an editor starts

603
00:26:37,710 --> 00:26:36,310
cutting away the the copy of the bottom

604
00:26:39,390 --> 00:26:37,720
of the story to fit a smaller space in

605
00:26:41,130 --> 00:26:39,400
the newspaper the accompanying survives

606
00:26:43,530 --> 00:26:41,140
the cut but it's not so high up that

607
00:26:44,940 --> 00:26:43,540
that it's obvious in the fuzzy so the

608
00:26:46,320 --> 00:26:44,950
fourth paragraph is normally on average

609
00:26:48,390 --> 00:26:46,330
a good place to put it what I love about

610
00:26:50,460 --> 00:26:48,400
having that sort of pointed out is that

611
00:26:52,350 --> 00:26:50,470
you can go and talk to everyone else you

612
00:26:53,970 --> 00:26:52,360
know non skeptics everyone and point out

613
00:26:56,010 --> 00:26:53,980

that all there's a name in the fourth

614

00:26:57,810 --> 00:26:56,020

paragraph yeah they probably paid for

615

00:26:58,860 --> 00:26:57,820

this yeah yeah it is you can just go

616

00:27:00,420 --> 00:26:58,870

through a newspaper and it's got oh I

617

00:27:02,460 --> 00:27:00,430

see that's where that story it comes

618

00:27:03,660 --> 00:27:02,470

again yeah yeah it's entertaining to do

619

00:27:05,460 --> 00:27:03,670

and you can do it like you do it with

620

00:27:06,720 --> 00:27:05,470

teenagers or something and you teach

621

00:27:08,040 --> 00:27:06,730

them something about the world maybe

622

00:27:10,320 --> 00:27:08,050

they'll read newspapers that little bit

623

00:27:12,450 --> 00:27:10,330

more critically yeah and it's impossible

624

00:27:14,850 --> 00:27:12,460

now tell me anyone who saw the talk or

625

00:27:16,020 --> 00:27:14,860

her see me talk about this elsewhere or

626
00:27:17,190 --> 00:27:16,030
heard me talk about on podcasts and

627
00:27:19,290 --> 00:27:17,200
things i think the skeptics on listeners

628
00:27:20,400 --> 00:27:19,300
are probably aware of this stuff that I

629
00:27:21,720 --> 00:27:20,410
do because I think I've meant even

630
00:27:23,460 --> 00:27:21,730
spoken about it on the show before and

631
00:27:25,080 --> 00:27:23,470
if not Richard should get me on to talk

632
00:27:27,540 --> 00:27:25,090
specifically about it

633
00:27:29,160 --> 00:27:27,550
but I think I guarantee that anyone

634
00:27:30,570 --> 00:27:29,170
who's seen this will then go away and

635
00:27:31,770 --> 00:27:30,580
you won't look at a newspaper again the

636
00:27:32,940 --> 00:27:31,780
same way you will look at a new story

637
00:27:34,950 --> 00:27:32,950
online again the same way because you'll

638
00:27:36,600 --> 00:27:34,960

be hunting for who put it there and

639

00:27:39,360 --> 00:27:36,610

trying to question for motivation yeah

640

00:27:42,960 --> 00:27:39,370

exactly yeah yeah yeah it's great work

641

00:27:44,640 --> 00:27:42,970

and really glad you can make it what is

642

00:27:46,020 --> 00:27:44,650

it so you've been here all weekend which

643

00:27:47,400 --> 00:27:46,030

you take away what's the best talk

644

00:27:50,610 --> 00:27:47,410

what's your favorite talk aside from

645

00:27:53,610 --> 00:27:50,620

your own I thought Beatrice her talk on

646

00:27:55,560 --> 00:27:53,620

from chi Kappa the the Italian skeptics

647

00:27:57,510 --> 00:27:55,570

about that the stuff they're doing to

648

00:28:00,900 --> 00:27:57,520

teach critical think the children how

649

00:28:02,790 --> 00:28:00,910

you can help kids learn science by

650

00:28:05,040 --> 00:28:02,800

giving them a prospect like fire walking

651
00:28:06,480 --> 00:28:05,050
and give them the problem and have them

652
00:28:07,590 --> 00:28:06,490
selves take the problem apart and then

653
00:28:09,540 --> 00:28:07,600
come up with their own theories and

654
00:28:10,530 --> 00:28:09,550
figure out how it works and myself I

655
00:28:12,510 --> 00:28:10,540
thought was just really really great

656
00:28:13,680 --> 00:28:12,520
work I'm so impressed all the time by

657
00:28:16,170 --> 00:28:13,690
the Italian skeptics I think they're

658
00:28:18,390 --> 00:28:16,180
great for Hans Rosling was brilliant um

659
00:28:20,550 --> 00:28:18,400
Haley Stevens a very good friend of mine

660
00:28:22,020 --> 00:28:20,560
she's always excellent she's against let

661
00:28:23,910 --> 00:28:22,030
everyone say that this morning it was

662
00:28:25,800 --> 00:28:23,920
yes fantastic well she's just someone

663
00:28:28,200 --> 00:28:25,810

who's got such an approachable and warm

664

00:28:30,270 --> 00:28:28,210

and friendly demeanor and but she and

665

00:28:31,710 --> 00:28:30,280

behind all that and you even people

666

00:28:33,210 --> 00:28:31,720

would dismiss it very easily sometimes

667

00:28:34,920 --> 00:28:33,220

behind that they don't realize that

668

00:28:38,660 --> 00:28:34,930

there's a huge wealth of knowledge and

669

00:28:40,560 --> 00:28:38,670

work okay say they were great talks and

670

00:28:42,360 --> 00:28:40,570

overall the weekend you've met some

671

00:28:44,220 --> 00:28:42,370

great people had had good conversations

672

00:28:45,510 --> 00:28:44,230

anything stuck out all well I mean every

673

00:28:47,250 --> 00:28:45,520

time you can come to an event where

674

00:28:50,250 --> 00:28:47,260

you're speaking with skeptics from

675

00:28:52,140 --> 00:28:50,260

outside of your own country boundaries

676
00:28:53,280 --> 00:28:52,150
or even your language boundaries I think

677
00:28:55,740 --> 00:28:53,290
it's incredibly important because so

678
00:28:57,960 --> 00:28:55,750
easy to to be caught up in the notion

679
00:28:59,250 --> 00:28:57,970
that skepticism is an english-speaking

680
00:29:01,380 --> 00:28:59,260
phenomenon it's something happens in

681
00:29:03,150 --> 00:29:01,390
Australia and America and England and

682
00:29:05,370 --> 00:29:03,160
it's just great to see that it just

683
00:29:06,720 --> 00:29:05,380
happens across the you know Europe we

684
00:29:07,800 --> 00:29:06,730
had so many from countries represented

685
00:29:09,720 --> 00:29:07,810
and this great work happening all over

686
00:29:11,160 --> 00:29:09,730
yeah and yeah the language barrier is a

687
00:29:12,990 --> 00:29:11,170
huge thing actually because you don't

688
00:29:14,460 --> 00:29:13,000

see outside of it and it's actually it's

689

00:29:17,820 --> 00:29:14,470

interesting even going to something like

690

00:29:19,410 --> 00:29:17,830

tan I've been to two towns now and it

691

00:29:21,210 --> 00:29:19,420

sort of feels like skepticism is America

692

00:29:23,220 --> 00:29:21,220

hmm and yeah so we're about to have the

693

00:29:24,240 --> 00:29:23,230

Australian skeptic conference and it's

694

00:29:26,130 --> 00:29:24,250

going to feel a little bit like

695

00:29:28,020 --> 00:29:26,140

skepticism is an Australian thing yeah

696

00:29:29,610 --> 00:29:28,030

caught up in urine area so the european

697

00:29:31,890 --> 00:29:29,620

conference congress they call it here

698

00:29:33,150 --> 00:29:31,900

has been interesting to see all these

699

00:29:35,610 --> 00:29:33,160

different nations and their different

700

00:29:37,020 --> 00:29:35,620

ways and they're so sort of isolated by

701
00:29:38,470 --> 00:29:37,030
their language because they've got to

702
00:29:40,060 --> 00:29:38,480
reach their own public

703
00:29:42,190 --> 00:29:40,070
it's been an experience that's that's a

704
00:29:43,659 --> 00:29:42,200
great insight thank you so much for

705
00:29:45,100 --> 00:29:43,669
taking the time to talk with me no

706
00:29:48,390 --> 00:29:45,110
thanks very much thank you and I can't

707
00:29:54,580 --> 00:29:51,610
okay so I have a cat Catherine de Jonge

708
00:29:56,049 --> 00:29:54,590
getting the green tea on from the

709
00:29:57,159 --> 00:29:56,059
Netherlands yes amsterdam the

710
00:30:00,909 --> 00:29:57,169
netherlands so why don't you tell

711
00:30:04,120 --> 00:30:00,919
everyone what you do I'm anna-lysa dist

712
00:30:07,780 --> 00:30:04,130
I'm and also I'm also the president of

713
00:30:10,500 --> 00:30:07,790

the Dutch society gets quackery and we

714

00:30:17,289 --> 00:30:10,510

organize symposiums we have a website

715

00:30:19,960 --> 00:30:17,299

called wwx alvarado tonnelle and we

716

00:30:25,419 --> 00:30:19,970

write a lot on our website debunking

717

00:30:27,159 --> 00:30:25,429

alternative medicine treatments we

718

00:30:29,710 --> 00:30:27,169

organize our symposium BF a magazine

719

00:30:31,450 --> 00:30:29,720

with a website what else we do we'll

720

00:30:36,010 --> 00:30:31,460

give a lot of love lectures we write

721

00:30:37,539 --> 00:30:36,020

articles to magazines and we are keeps

722

00:30:41,890 --> 00:30:37,549

is quite busy but what do you do with

723

00:30:43,810 --> 00:30:41,900

your spare time how do you keep up with

724

00:30:46,990 --> 00:30:43,820

all that keep the organization going

725

00:30:50,730 --> 00:30:47,000

read a lot react on twitter write

726

00:30:54,070 --> 00:30:50,740

letters to the editor of magazines of

727

00:30:57,700 --> 00:30:54,080

newspapers get things organized for the

728

00:31:01,900 --> 00:30:57,710

for the symposium it's a it's a nice

729

00:31:05,860 --> 00:31:01,910

movie yeah very very busy and this

730

00:31:07,990 --> 00:31:05,870

weekend you gave a talk on in pseudo

731

00:31:11,020 --> 00:31:08,000

scientific fiction fiction treatments

732

00:31:13,770 --> 00:31:11,030

because as an anesthetist I also worked

733

00:31:16,180 --> 00:31:13,780

for an addiction clinic where we

734

00:31:18,940 --> 00:31:16,190

detoxify heroine addicts under general

735

00:31:21,549 --> 00:31:18,950

anesthesia as a start of a clean life

736

00:31:23,460 --> 00:31:21,559

and I came in contact with a lot of

737

00:31:26,440 --> 00:31:23,470

addicts who had been fooled by

738

00:31:28,150 --> 00:31:26,450

alternative healers and quacks and I

739

00:31:30,580 --> 00:31:28,160

feel sorry for these people and

740

00:31:32,230 --> 00:31:30,590

something has to be done yeah so I don't

741

00:31:34,419 --> 00:31:32,240

like their lives fighting isn't hard

742

00:31:37,000 --> 00:31:34,429

enough already yes I'm especially

743

00:31:38,499 --> 00:31:37,010

fighting quacks and quickly in the

744

00:31:42,699 --> 00:31:38,509

addiction medicine

745

00:31:45,579 --> 00:31:42,709

and well so far at least one clinic is

746

00:31:48,310 --> 00:31:45,589

out of business because of my actions

747

00:31:51,999 --> 00:31:48,320

and fantastically trying to get some

748

00:31:54,129 --> 00:31:52,009

more this is great work so have you

749

00:31:56,579 --> 00:31:54,139

found this weekend overall and you take

750

00:31:58,719 --> 00:31:56,589

messages was your favorite talker

751

00:32:02,439 --> 00:31:58,729

presenting that's difficult to say they

752

00:32:05,079 --> 00:32:02,449

were also very different and oh very

753

00:32:08,909 --> 00:32:05,089

good in their own way I loved amy

754

00:32:13,389 --> 00:32:08,919

stephens this morning the ghost hunter

755

00:32:16,419 --> 00:32:13,399

with her stories that they're all grades

756

00:32:19,689 --> 00:32:16,429

and everybody had a good message and I

757

00:32:22,119 --> 00:32:19,699

had a good point to take home and as

758

00:32:24,279 --> 00:32:22,129

inspiration for the next year made any

759

00:32:26,589 --> 00:32:24,289

new friends a lots i made a lot of new

760

00:32:29,799 --> 00:32:26,599

friends too much to mention and i made a

761

00:32:32,739 --> 00:32:29,809

lot of notes and i wrote a lot of names

762

00:32:34,989 --> 00:32:32,749

and websites said that i'm going to look

763

00:32:37,659 --> 00:32:34,999

into the next few weeks and months and

764

00:32:39,549 --> 00:32:37,669

I've got plenty to do yes hey fix but I

765

00:32:42,999 --> 00:32:39,559

guess we will be seeing you again in

766

00:32:47,079 --> 00:32:43,009

2015 in London uh well if I'm not that

767

00:32:49,059 --> 00:32:47,089

I'll be there thank you yes I hope to be

768

00:32:51,399 --> 00:32:49,069

there myself yes so far away great

769

00:32:55,119 --> 00:32:51,409

wonderful thank you for your time okay

770

00:32:57,339 --> 00:32:55,129

you're right hey you guys so I'm sitting

771

00:33:00,430 --> 00:32:57,349

here the last day of the euro Scott euro

772

00:33:03,699 --> 00:33:00,440

skeptics Congress and I am with PJ who

773

00:33:06,699 --> 00:33:03,709

organized this year the 15th and with

774

00:33:10,830 --> 00:33:06,709

Michael heap who is currently just taken

775

00:33:15,690 --> 00:33:10,840

over the organization of the 16th in one

776

00:33:17,130 --> 00:33:15,700

in 2015 right right the 20 so that um

777

00:33:19,380 --> 00:33:17,140

how do you think things are going be

778

00:33:22,470 --> 00:33:19,390

Jenny June was as everything worked out

779

00:33:24,510 --> 00:33:22,480

as planned but you well everything

780

00:33:27,210 --> 00:33:24,520

hasn't worked as planned but everyone

781

00:33:29,730 --> 00:33:27,220

has had a great experience and that was

782

00:33:32,340 --> 00:33:29,740

the main goal in without coming so it

783

00:33:34,950 --> 00:33:32,350

takes to manage with that and now all I

784

00:33:37,650 --> 00:33:34,960

really want to say because I want to go

785

00:33:40,200 --> 00:33:37,660

to sleep cry too soon if they're very

786

00:33:44,730 --> 00:33:40,210

much good luck to Michael thank you

787

00:33:47,460 --> 00:33:44,740

energy I hope the best for you and I

788

00:33:50,340 --> 00:33:47,470

will try to be in London definitely good

789

00:33:53,610 --> 00:33:50,350

and I hope we make as good a job of it

790

00:33:56,610 --> 00:33:53,620

as you have but knowing the British will

791

00:33:59,850 --> 00:33:56,620

just muddle through somehow and it'll be

792

00:34:02,480 --> 00:33:59,860

all right on the night awesome job PJ

793

00:34:06,390 --> 00:34:02,490

it's been a fantastic weekend and

794

00:34:07,830 --> 00:34:06,400

Michael so you started planning you just

795

00:34:10,050 --> 00:34:07,840

you were up on stage then describing

796

00:34:11,280 --> 00:34:10,060

what's what you're putting together what

797

00:34:12,450 --> 00:34:11,290

were some of the names that you're

798

00:34:14,550 --> 00:34:12,460

hoping to hear you're going to start

799

00:34:16,500 --> 00:34:14,560

talking to them if you got some well

800

00:34:20,160 --> 00:34:16,510

some of the men's so that have come up

801
00:34:24,330 --> 00:34:20,170
our of course Richard Dawkins Simon

802
00:34:28,230 --> 00:34:24,340
Singh is a good possibility Ben Goldacre

803
00:34:30,710 --> 00:34:28,240
is very popular Ed's I danced of course

804
00:34:33,899 --> 00:34:30,720
in alternative medicine

805
00:34:36,149 --> 00:34:33,909
had somebody mentioned Steven law who's

806
00:34:39,450 --> 00:34:36,159
professor of philosophy and a prominent

807
00:34:42,270 --> 00:34:39,460
humanists and then we've had that

808
00:34:49,530 --> 00:34:42,280
Stephen Fry yes we've got him as well

809
00:34:53,129 --> 00:34:49,540
yes Stephen Fry and Tim Minchin under

810
00:34:57,670 --> 00:34:53,139
and brown as possible you know big stars

811
00:35:00,640 --> 00:34:57,680
yes so we will work on that

812
00:35:02,920 --> 00:35:00,650
so we've got two years do you know what

813
00:35:07,109 --> 00:35:02,930

date it will be only it's the first

814

00:35:10,510 --> 00:35:07,119

probably the third weekend in September

815

00:35:11,630 --> 00:35:10,520

2015 something like the 21st way to

816

00:35:18,350 --> 00:35:11,640

third

817

00:35:19,490 --> 00:35:18,360

so I'm sure that everyone listening but

818

00:35:22,190 --> 00:35:19,500

the skeptic lands got to do their best

819

00:35:25,730 --> 00:35:22,200

to make it oh it's going to be much

820

00:35:31,490 --> 00:35:25,740

bigger it's going to be fantastic thank

821

00:35:34,010 --> 00:35:31,500

you very much and we'll see here so I've

822

00:35:36,260 --> 00:35:34,020

just just accosted how long will you be

823

00:35:37,970 --> 00:35:36,270

we are going to be less than one minute

824

00:35:39,950 --> 00:35:37,980

you were leaving catch a plane right now

825

00:35:41,180 --> 00:35:39,960

but it's very important because you're

826

00:35:42,830 --> 00:35:41,190

coming to Australia I am coming to

827

00:35:44,990 --> 00:35:42,840

Australia why you come to Israel I'm

828

00:35:47,090 --> 00:35:45,000

coming for the indigenes matix Congress

829

00:35:50,030 --> 00:35:47,100

oh so you didn't commit a crime well I'm

830

00:35:52,580 --> 00:35:50,040

not gonna come in patterns have to

831

00:35:54,170 --> 00:35:52,590

govern so you're coming to the Congress

832

00:35:56,780 --> 00:35:54,180

I am and you're going to be talking

833

00:35:58,580 --> 00:35:56,790

about your field of research I'm going

834

00:36:00,200 --> 00:35:58,590

to be talking about various aspects of

835

00:36:02,120 --> 00:36:00,210

it yeah so I'm very much looking forward

836

00:36:04,280 --> 00:36:02,130

I'm doing various or the talks while I'm

837

00:36:06,620 --> 00:36:04,290

in the country or on quick idea how

838

00:36:08,330 --> 00:36:06,630

would I would if I knew but I know

839

00:36:10,190 --> 00:36:08,340

there's an email in my inbox waiting to

840

00:36:12,080 --> 00:36:10,200

be read now as I'm letting other people

841

00:36:13,730 --> 00:36:12,090

arrange the itinerary I've just said in

842

00:36:15,650 --> 00:36:13,740

fact me over I'll do talks anyone you

843

00:36:17,240 --> 00:36:15,660

would so I we're looking forward to so

844

00:36:20,570 --> 00:36:17,250

probably pop sale populations or

845

00:36:22,760 --> 00:36:20,580

something anything you know yeah that's

846

00:36:25,580 --> 00:36:22,770

absolutely great um can't wait to see

847

00:36:27,860 --> 00:36:25,590

you there um it's going to be at the end

848

00:36:30,290 --> 00:36:27,870

of november i'm leaving camera that

849

00:36:31,730 --> 00:36:30,300

sounds about right and yeah um yeah can

850

00:36:35,330 --> 00:36:31,740

we know i'm really looking for maybe our

851

00:36:36,560 --> 00:36:35,340

first trip to Oz so very excited we'll

852

00:36:38,720 --> 00:36:36,570

make sure we give you a good show around

853

00:36:41,810 --> 00:36:38,730

the area excellent right take this

854

00:36:44,360 --> 00:36:41,820

krista Cheers so I'm here we've got it

855

00:36:46,820 --> 00:36:44,370

from Norway and we're wandering the

856

00:36:51,140 --> 00:36:46,830

streets of Stockholm and after the last

857

00:36:56,000 --> 00:36:51,150

day of the 15th European skeptic

858

00:36:58,070 --> 00:36:56,010

Congress we're heading from we just had

859

00:37:00,080 --> 00:36:58,080

skeptics on the Bob the problem yeah

860

00:37:01,820 --> 00:37:00,090

skeptics in the restaurant kind of yeah

861

00:37:05,750 --> 00:37:01,830

a little dinner now we're going to an

862

00:37:08,570 --> 00:37:05,760

irish bar are we yep so to wrap up the

863

00:37:10,880 --> 00:37:08,580

weekend tell us tell us before we talk

864

00:37:14,059 --> 00:37:10,890

about the weekend what it is that you do

865

00:37:15,019 --> 00:37:14,069

in Norway at the moment no you tell us

866

00:37:18,980 --> 00:37:15,029

what you're studying at the moment were

867

00:37:20,690 --> 00:37:18,990

you working on um I am studying for a

868

00:37:23,359 --> 00:37:20,700

master's degree in science and

869

00:37:24,680 --> 00:37:23,369

technology in society and I'm really

870

00:37:26,420 --> 00:37:24,690

into everything that has to do with like

871

00:37:28,099 --> 00:37:26,430

public understanding of science and

872

00:37:30,200 --> 00:37:28,109

science journalism and science

873

00:37:32,779 --> 00:37:30,210

communication that's my thing right now

874

00:37:35,450 --> 00:37:32,789

and very important thing to the skeptic

875

00:37:39,529 --> 00:37:35,460

community yeah yeah communication I'm

876

00:37:41,420 --> 00:37:39,539

actually I've had a lot of what do you

877

00:37:42,589 --> 00:37:41,430

call it both tasks and things that I've

878

00:37:43,759 --> 00:37:42,599

been doing in the skeptic immunity for a

879

00:37:45,140 --> 00:37:43,769

few years now but now I'm kind of

880

00:37:46,549 --> 00:37:45,150

pulling out of all the formal things i'm

881

00:37:47,779 --> 00:37:46,559

still doing skeptics in the pub and

882

00:37:50,900 --> 00:37:47,789

stuff just not like organizing

883

00:37:52,549 --> 00:37:50,910

conferences yeah because i met you in

884

00:37:56,690 --> 00:37:52,559

the first I had no idea what you've been

885

00:37:59,359 --> 00:37:56,700

up to you you organize a group annoyed

886

00:38:00,890 --> 00:37:59,369

tell us you were the president of the of

887

00:38:02,630 --> 00:38:00,900

the Norwegian skeptic no agent skeptic

888

00:38:04,759 --> 00:38:02,640

yeah wow so you said off the Norwegian

889

00:38:06,170 --> 00:38:04,769

skeptics again a second time wasn't it

890

00:38:08,690 --> 00:38:06,180

yeah because the organization had been

891

00:38:12,920 --> 00:38:08,700

sleeping for like 15 years after after

892

00:38:16,700 --> 00:38:12,930

the old board sort of California we

893

00:38:19,749 --> 00:38:16,710

found at the skeptic thing and you had

894

00:38:22,190 --> 00:38:19,759

your own podcast well it's not my own

895

00:38:24,109 --> 00:38:22,200

your group yeah I was on the panel

896

00:38:25,579 --> 00:38:24,119

actually I'm saying all this apparently

897

00:38:27,470 --> 00:38:25,589

you've been on skeptics and a few times

898

00:38:29,509 --> 00:38:27,480

now yeah I think it's been three times

899

00:38:31,549 --> 00:38:29,519

okay I think so so this is all new to me

900

00:38:33,980 --> 00:38:31,559

but everyone's just going oh I'm worried

901
00:38:35,870 --> 00:38:33,990
yeah we know haha hopefully hahaha

902
00:38:38,059 --> 00:38:35,880
nothing can go back and listen to the

903
00:38:40,160 --> 00:38:38,069
episode where talk about fish dead fish

904
00:38:42,230 --> 00:38:40,170
in Norway that's a good episode ok

905
00:38:45,440 --> 00:38:42,240
they're not what we who is your

906
00:38:47,630 --> 00:38:45,450
favourite talk of this weekend I think I

907
00:38:49,430 --> 00:38:47,640
might have to say Hans Rosling and a son

908
00:38:50,930 --> 00:38:49,440
that was really fun I loved how they

909
00:38:52,609 --> 00:38:50,940
present statistics and like their

910
00:38:54,589 --> 00:38:52,619
mission about spreading knowledge in

911
00:38:56,630 --> 00:38:54,599
society they're very constructive about

912
00:38:58,730 --> 00:38:56,640
it they really think about like how this

913
00:39:01,230 --> 00:38:58,740

information is useful to who is useful

914

00:39:03,120 --> 00:39:01,240

or to whom it's useful

915

00:39:07,370 --> 00:39:03,130

and yeah that was a fail to highlight

916

00:39:10,109 --> 00:39:07,380

yeah yeah it's fantastic talk as

917

00:39:12,450 --> 00:39:10,119

everyone knows everyone knows Hans and

918

00:39:14,550 --> 00:39:12,460

his presentation styles fantastic yeah I

919

00:39:15,480 --> 00:39:14,560

agree it's the what they're trying to do

920

00:39:17,880 --> 00:39:15,490

with it and the fact they're being

921

00:39:19,740 --> 00:39:17,890

practical yeah and really are you stuck

922

00:39:21,090 --> 00:39:19,750

there yeah it's great of course there

923

00:39:25,530 --> 00:39:21,100

were a lot of great talks i also love

924

00:39:29,220 --> 00:39:25,540

them marsh Michael Marshalls talk yeah

925

00:39:32,270 --> 00:39:29,230

he talked about PR and and journalism

926
00:39:34,350 --> 00:39:32,280
which was good it was cleared up a few

927
00:39:36,840 --> 00:39:34,360
news stories that were not really news

928
00:39:38,609 --> 00:39:36,850
stories dis commercials yes and Haley's

929
00:39:43,170 --> 00:39:38,619
stories from hunting ghosts were great

930
00:39:44,520 --> 00:39:43,180
Haley Stevens that was great um Chris

931
00:39:46,050 --> 00:39:44,530
friends talking about his book I thought

932
00:39:47,340 --> 00:39:46,060
he had a lot of interesting points I'm

933
00:39:50,040 --> 00:39:47,350
really looking forward to reading that

934
00:39:52,590 --> 00:39:50,050
book oh great he was the in australia

935
00:39:54,990 --> 00:39:52,600
soon oh cool so I'm talking at our

936
00:39:56,580 --> 00:39:55,000
conference so that's a great later

937
00:39:58,470 --> 00:39:56,590
hopefully lots of listeners will be

938
00:40:02,790 --> 00:39:58,480

turning up to the conference and I get

939

00:40:05,280 --> 00:40:02,800

to meet more people recommended so good

940

00:40:08,040 --> 00:40:05,290

weekend definitely finishing on a big

941

00:40:26,000 --> 00:40:08,050

night tonight Goku an Irish bar what's

942

00:40:29,820 --> 00:40:27,870

have you heard the one about how the

943

00:40:31,350 --> 00:40:29,830

Illuminati in conjunction with the US

944

00:40:33,210 --> 00:40:31,360

government are hiding the existence of

945

00:40:35,580 --> 00:40:33,220

aliens in order to ensure the supply of

946

00:40:36,840 --> 00:40:35,590

helium is kept low although the CIA the

947

00:40:38,610 --> 00:40:36,850

militant wing of the Freemasons are

948

00:40:40,050 --> 00:40:38,620

working with the elders of zion to take

949

00:40:42,570 --> 00:40:40,060

control of the population of the world

950

00:40:44,340 --> 00:40:42,580

through fluoridated chemtrails canberra

951
00:40:45,840 --> 00:40:44,350
skeptics incorporated on behalf of the

952
00:40:47,520 --> 00:40:45,850
shadow government will be massing an

953
00:40:50,070 --> 00:40:47,530
array of dark forces for the Australian

954
00:40:51,840 --> 00:40:50,080
skeptics national convention 2013 this

955
00:40:53,430 --> 00:40:51,850
convention has conspired to coincide

956
00:40:55,770 --> 00:40:53,440
with 50th anniversary of the

957
00:40:57,450 --> 00:40:55,780
assassination of John F Kennedy possibly

958
00:40:59,460 --> 00:40:57,460
the most famous conspiracy theory of all

959
00:41:01,320 --> 00:40:59,470
time if you've ever wanted to learn

960
00:41:03,240 --> 00:41:01,330
about the truth behind the death of JFK

961
00:41:05,130 --> 00:41:03,250
what makes for a good conspiracy theory

962
00:41:07,140 --> 00:41:05,140
and why they are so prevalent Canberra

963
00:41:08,880 --> 00:41:07,150

skeptics invites you to attend that is

964

00:41:11,910 --> 00:41:08,890

of course should you choose to accept it

965

00:41:14,490 --> 00:41:11,920

come to national skeptics convention org

966

00:41:26,289 --> 00:41:14,500

and just remember they will be watching

967

00:41:29,859 --> 00:41:28,359

thank you for listening to the skeptic

968

00:41:31,809 --> 00:41:29,869

zone and thank you for those people who

969

00:41:34,150 --> 00:41:31,819

have been listening for five years now

970

00:41:36,669 --> 00:41:34,160

and thank you to those people who chip

971

00:41:41,339 --> 00:41:36,679

in less than a dollar a week and you can

972

00:41:44,049 --> 00:41:41,349

do that by visiting w WC eptic zone TV

973

00:41:47,049 --> 00:41:44,059

greatly appreciated and it really does

974

00:41:48,339 --> 00:41:47,059

help keep the show going coming up on

975

00:41:50,829 --> 00:41:48,349

the skeptic zone we're going to be

976

00:41:52,870 --> 00:41:50,839

finding out more about the latest our

977

00:41:55,989 --> 00:41:52,880

news concerning the Australian

978

00:41:58,329 --> 00:41:55,999

anti-vaccination network or whatever the

979

00:42:01,150 --> 00:41:58,339

game to call themselves who knows more

980

00:42:04,359 --> 00:42:01,160

from Maynard more from Stefan and more

981

00:42:07,179 --> 00:42:04,369

from our good friends in Victoria the

982

00:42:08,589 --> 00:42:07,189

Victorian skeptics but until then I

983

00:42:12,579 --> 00:42:08,599

think it's time for me to have a good

984

00:42:14,499 --> 00:42:12,589

lie down sure why not until next time

985

00:42:19,900 --> 00:42:14,509

this is Richard Saunders signing off

986

00:42:22,179 --> 00:42:19,910

from Melbourne Australia you've been

987

00:42:26,739 --> 00:42:22,189

listening to the skeptic zone visit our

988

00:42:29,199 --> 00:42:26,749

website at www.skepticsontv.com for