

Episode 548

THE
**SKEPTIC
ZONE**
PODCAST

www.skepticzone.tv

21 April 2019



We ask Professor Dave
about the Flat Earthers

Anti-Vax
Naturopath Banned

Sports Superstitions

UFOs and a
History of Hoaxes

1
00:00:13,930 --> 00:00:09,110
welcome to the skeptic zone the podcast

2
00:00:17,140 --> 00:00:13,940
from Australia for science and reason

3
00:00:25,250 --> 00:00:22,510
[Music]

4
00:00:29,900 --> 00:00:25,260
yes it's the skeptic zone podcast

5
00:00:33,410 --> 00:00:29,910
episode number 548 for the 21st of April

6
00:00:35,750 --> 00:00:33,420
2019 happy birthday to you if it's your

7
00:00:38,930 --> 00:00:35,760
birthday today and a big happy birthday

8
00:00:40,990 --> 00:00:38,940
to Jim Wilshire the original voiceover

9
00:00:44,630 --> 00:00:41,000
man for the skeptic zone who has been

10
00:00:46,940 --> 00:00:44,640
introducing the show now fire his audio

11
00:00:51,380 --> 00:00:46,950
file of course for over ten years

12
00:00:53,810 --> 00:00:51,390
happy birthday June coming up on this

13
00:00:56,750 --> 00:00:53,820

week's show we interview professor Dave

14

00:00:59,960 --> 00:00:56,760

Dave Farina from California from Los

15

00:01:03,350 --> 00:00:59,970

Angeles is known as Professor Dave he

16

00:01:06,770 --> 00:01:03,360

does a series of online videos tutorials

17

00:01:10,100 --> 00:01:06,780

on YouTube and what brought him to my

18

00:01:14,149 --> 00:01:10,110

attention was a particularly good video

19

00:01:15,290 --> 00:01:14,159

he did deconstructing the arguments from

20

00:01:18,830 --> 00:01:15,300

the flat-earthers

21

00:01:21,830 --> 00:01:18,840

the globe Buster's in this case now Dave

22

00:01:24,260 --> 00:01:21,840

made a video originally about the Flat

23

00:01:24,530 --> 00:01:24,270

Earth and conspiracies and things like

24

00:01:26,810 --> 00:01:24,540

that

25

00:01:30,380 --> 00:01:26,820

these globe Buster's then took it upon

26
00:01:33,429 --> 00:01:30,390
themselves to try to debunk what Dave

27
00:01:36,679 --> 00:01:33,439
said and they've looked at that and

28
00:01:39,529 --> 00:01:36,689
deconstructed what they said point by

29
00:01:41,120 --> 00:01:39,539
point like a surgeon it's really worth

30
00:01:42,859 --> 00:01:41,130
watching of course links in this week's

31
00:01:45,010 --> 00:01:42,869
show notes but coming up at the top of

32
00:01:47,209 --> 00:01:45,020
the show we talked to Professor Dave

33
00:01:50,120 --> 00:01:47,219
following that we have a short report

34
00:01:53,029 --> 00:01:50,130
published by Jane Hansen about a

35
00:01:55,219 --> 00:01:53,039
naturopath who has been banned by

36
00:01:57,200 --> 00:01:55,229
providing any health care services by

37
00:01:59,389 --> 00:01:57,210
the health care Complaints Commission

38
00:02:01,969 --> 00:01:59,399

then an interview from the Canberra

39

00:02:04,279 --> 00:02:01,979

skeptics with Christine Dunn who looks

40

00:02:08,419 --> 00:02:04,289

at sporting superstitions why is it that

41

00:02:11,150 --> 00:02:08,429

some sporting figures like to maybe have

42

00:02:12,590 --> 00:02:11,160

a particular colored handkerchief about

43

00:02:15,140 --> 00:02:12,600

their person when they're on the field

44

00:02:16,970 --> 00:02:15,150

or they may delay their entry after all

45

00:02:18,770 --> 00:02:16,980

the other players have gone to the field

46

00:02:23,420 --> 00:02:18,780

or they have to have a phone call from

47

00:02:25,580 --> 00:02:23,430

somebody or so on and when can this

48

00:02:27,890 --> 00:02:25,590

start to be detrimental to their

49

00:02:29,449 --> 00:02:27,900

performance then we delve back into the

50

00:02:31,059 --> 00:02:29,459

pages of the skeptic magazine the

51
00:02:33,280 --> 00:02:31,069
journal from Australian skeptics and

52
00:02:36,130 --> 00:02:33,290
this week

53
00:02:38,530 --> 00:02:36,140
Porter story and item by dr. Steve

54
00:02:41,559 --> 00:02:38,540
Roberts an old friend of the skeptic

55
00:02:44,709 --> 00:02:41,569
zone Flying Saucer II searching the

56
00:02:47,559 --> 00:02:44,719
skies for evidence of UFOs and a history

57
00:02:49,440 --> 00:02:47,569
of hoaxes and to round off the show we

58
00:02:52,240 --> 00:02:49,450
chat to maenad about his upcoming

59
00:02:54,729 --> 00:02:52,250
maynard's Love Shack - now don't forget

60
00:02:56,830 --> 00:02:54,739
apart from being our reporter may not is

61
00:02:59,800 --> 00:02:56,840
one of Sydney's top DJ's and he's going

62
00:03:02,050 --> 00:02:59,810
to be having another night in glebe here

63
00:03:04,449 --> 00:03:02,060

in Sydney on the 4th of May Maynard's

64

00:03:06,369 --> 00:03:04,459

Love Shack - we find out more about that

65

00:03:09,250 --> 00:03:06,379

stay tuned at the end of the show for

66

00:03:11,170 --> 00:03:09,260

more announcements from me I wonder if

67

00:03:14,110 --> 00:03:11,180

that bird outside's gonna be quiet

68

00:03:17,140 --> 00:03:14,120

I don't know folks sometimes I have to

69

00:03:19,449 --> 00:03:17,150

sit here and and wait for planes to go

70

00:03:21,309 --> 00:03:19,459

away because I live near the airport but

71

00:03:23,199 --> 00:03:21,319

this morning maybe it's this time of the

72

00:03:25,809 --> 00:03:23,209

year I don't know they're the weird

73

00:03:35,970 --> 00:03:25,819

birds outside let's see if we can hear

74

00:03:35,980 --> 00:03:39,589

[Music]

75

00:03:44,130 --> 00:03:41,789

well that's typical isn't it

76

00:03:47,190 --> 00:03:44,140

I wanted to record a funny bird but I

77

00:03:48,750 --> 00:03:47,200

think the planes coming over mmm it's

78

00:03:53,250 --> 00:03:48,760

one of the great mysteries of life while

79

00:03:55,830 --> 00:03:53,260

I ponder this while having some waffles

80

00:03:57,830 --> 00:03:55,840

with maple syrup I hope you enjoy the

81

00:04:08,160 --> 00:03:57,840

skeptic Zone

82

00:04:22,460 --> 00:04:08,170

[Music]

83

00:04:24,050 --> 00:04:22,470

and joining me now on the line all the

84

00:04:27,100 --> 00:04:24,060

way from beautiful Los Angeles

85

00:04:29,270 --> 00:04:27,110

California it's Dave Farina known as

86

00:04:31,970 --> 00:04:29,280

Professor Dave hello Dave

87

00:04:34,730 --> 00:04:31,980

I have a gun I'm doing really well

88

00:04:38,660 --> 00:04:34,740

thanks I'm doing well because just last

89

00:04:40,520 --> 00:04:38,670

week in fact I discovered a video you

90

00:04:42,710 --> 00:04:40,530

produced which we'll talk about in a

91

00:04:45,740 --> 00:04:42,720

minute about the flat earth and flat

92

00:04:47,750 --> 00:04:45,750

earthers and that impressed me so much I

93

00:04:49,820 --> 00:04:47,760

had to find out more but before we get

94

00:04:52,310 --> 00:04:49,830

into that can you give our audience a

95

00:04:54,350 --> 00:04:52,320

little bit of background about yourself

96

00:04:57,740 --> 00:04:54,360

sure absolutely I run a YouTube channel

97

00:05:00,650 --> 00:04:57,750

called professor Dave explains it's just

98

00:05:02,600 --> 00:05:00,660

a bunch of educational tutorials they're

99

00:05:04,730 --> 00:05:02,610

more or less curriculum aligned so

100

00:05:06,850 --> 00:05:04,740

they're really for students that are

101
00:05:09,530 --> 00:05:06,860
studying chemistry or physics or math

102
00:05:11,960 --> 00:05:09,540
wide variety of topics and I just sort

103
00:05:14,900 --> 00:05:11,970
of you know give them the CliffsNotes of

104
00:05:16,640 --> 00:05:14,910
their textbook little lectures that help

105
00:05:18,920 --> 00:05:16,650
them with their classes is pretty much

106
00:05:22,070 --> 00:05:18,930
what I do and what's your background

107
00:05:24,470 --> 00:05:22,080
generally education wise so I did a

108
00:05:27,830 --> 00:05:24,480
bachelor's in chemistry and then I

109
00:05:30,500 --> 00:05:27,840
started to do master's work in organic

110
00:05:32,390 --> 00:05:30,510
chemistry I didn't quite finish that the

111
00:05:33,760 --> 00:05:32,400
research didn't really work out I was

112
00:05:36,560 --> 00:05:33,770
doing some other things at the time

113
00:05:37,730 --> 00:05:36,570

eventually went back and did a master's

114

00:05:40,580 --> 00:05:37,740

in science education

115

00:05:43,370 --> 00:05:40,590

so definitely sort of transitioned away

116

00:05:45,020 --> 00:05:43,380

from science and more into sicom so I'm

117

00:05:47,840 --> 00:05:45,030

definitely a full-time science

118

00:05:50,690 --> 00:05:47,850

communicator and a generalist I would

119

00:05:53,450 --> 00:05:50,700

call myself now although my expertise is

120

00:05:56,450 --> 00:05:53,460

chemistry but I spend more of my time

121

00:05:58,910 --> 00:05:56,460

trying to learn biology and physics and

122

00:06:01,490 --> 00:05:58,920

astronomy and all of these other topics

123

00:06:04,610 --> 00:06:01,500

to try to offer as wide a variety of

124

00:06:05,690 --> 00:06:04,620

tutorials as I can on my channel I was

125

00:06:07,550 --> 00:06:05,700

just about to bring up this topic

126

00:06:10,940 --> 00:06:07,560

because when I was reviewing your

127

00:06:14,450 --> 00:06:10,950

YouTube channel I'm quite struck by the

128

00:06:17,300 --> 00:06:14,460

sheer range of topics you cover all

129

00:06:19,490 --> 00:06:17,310

sorts of Sciences astronomy chemistry

130

00:06:20,900 --> 00:06:19,500

biology I've noticed and then I was

131

00:06:22,400 --> 00:06:20,910

looking into hello

132

00:06:26,060 --> 00:06:22,410

Italian

133

00:06:29,750 --> 00:06:26,070

yep that's an interesting once I I'm

134

00:06:33,440 --> 00:06:29,760

Italian or by blood my parents are were

135

00:06:35,540 --> 00:06:33,450

Italian immigrants and so I learned the

136

00:06:37,850 --> 00:06:35,550

language reasonably well growing up but

137

00:06:41,420 --> 00:06:37,860

my mother is an Italian professor she's

138

00:06:42,380 --> 00:06:41,430

been teaching undergrads Italian for

139

00:06:46,460 --> 00:06:42,390

like 40 years

140

00:06:48,740 --> 00:06:46,470

so I just thought hey you know what if

141

00:06:51,620 --> 00:06:48,750

she would kind of give me her curriculum

142

00:06:53,270 --> 00:06:51,630

and help me structure the tutorials so

143

00:06:55,790 --> 00:06:53,280

it's really it's basically her

144

00:06:58,610 --> 00:06:55,800

curriculum and I just sort of adapted it

145

00:07:00,800 --> 00:06:58,620

to my format so that way she gets videos

146

00:07:02,690 --> 00:07:00,810

to show her students and I get you know

147

00:07:03,950 --> 00:07:02,700

this great Italian content I don't want

148

00:07:06,530 --> 00:07:03,960

to I don't want to pretend that that

149

00:07:08,540 --> 00:07:06,540

that's all me there cuz you know I speak

150

00:07:10,940 --> 00:07:08,550

pretty well but all the grammar and

151
00:07:14,030 --> 00:07:10,950
stuff that's I I don't quite have the

152
00:07:15,590 --> 00:07:14,040
command of that then that it seems on

153
00:07:17,000 --> 00:07:15,600
the videos but I knew that I could

154
00:07:19,840 --> 00:07:17,010
pronounce everything very well so I just

155
00:07:22,250 --> 00:07:19,850
thought it would it would work out so

156
00:07:24,680 --> 00:07:22,260
well you you don't want to give away too

157
00:07:26,720 --> 00:07:24,690
many secrets there Dave we'll all just

158
00:07:28,580 --> 00:07:26,730
pretend that you're a master at all of

159
00:07:30,320 --> 00:07:28,590
these things and just quickly I mean you

160
00:07:33,400 --> 00:07:30,330
call yourself Professor Dave which is a

161
00:07:35,570 --> 00:07:33,410
great hook it's a great moniker I think

162
00:07:37,550 --> 00:07:35,580
but of course you're not a real

163
00:07:39,350 --> 00:07:37,560

professor in that sense are you well I

164

00:07:41,000 --> 00:07:39,360

mean it's interesting when I made the

165

00:07:42,770 --> 00:07:41,010

channel it was tongue-in-cheek it was

166

00:07:45,260 --> 00:07:42,780

just sort of like a little persona I

167

00:07:47,750 --> 00:07:45,270

mean I did teach organic chemistry for a

168

00:07:50,030 --> 00:07:47,760

number of years it tooth to some post

169

00:07:51,200 --> 00:07:50,040

backs so I don't know it's that I mean

170

00:07:53,650 --> 00:07:51,210

it depends on your definition of a

171

00:07:56,300 --> 00:07:53,660

professor but I taught its undergraduate

172

00:07:58,490 --> 00:07:56,310

material for a number of years so I

173

00:08:01,190 --> 00:07:58,500

don't know I it's interesting though

174

00:08:03,050 --> 00:08:01,200

because I do get like you know called

175

00:08:03,950 --> 00:08:03,060

out on that from time to time and I'm

176

00:08:06,050 --> 00:08:03,960

just like you guys

177

00:08:08,360 --> 00:08:06,060

professor day but no one calls

178

00:08:10,580 --> 00:08:08,370

themselves that seriously

179

00:08:12,860 --> 00:08:10,590

also I have like a dozen different

180

00:08:14,480 --> 00:08:12,870

subjects on my channel I don't know if

181

00:08:17,450 --> 00:08:14,490

anyone would presume that I have a PhD

182

00:08:19,790 --> 00:08:17,460

in yeah 12 different PhDs but I mean

183

00:08:21,980 --> 00:08:19,800

it's it's a YouTube channel guys like

184

00:08:24,290 --> 00:08:21,990

it's the I don't know I just thought you

185

00:08:25,850 --> 00:08:24,300

know it's like if there wasn't Bill Nye

186

00:08:27,350 --> 00:08:25,860

the Science Guy I probably would have

187

00:08:29,330 --> 00:08:27,360

been Dave the Science Guy but that was

188

00:08:32,900 --> 00:08:29,340

tonight so I just I needed another

189

00:08:34,400 --> 00:08:32,910

little thing you know I think it's it's

190

00:08:36,360 --> 00:08:34,410

great I mean it's a great little hook

191

00:08:38,850 --> 00:08:36,370

and it sounds funny and it sounds good

192

00:08:41,880 --> 00:08:38,860

and people when you look at Dave's

193

00:08:43,710 --> 00:08:41,890

videos online it's I don't want to say

194

00:08:45,900 --> 00:08:43,720

you do it tongue-in-cheek but it's happy

195

00:08:47,640 --> 00:08:45,910

its friendly its engaging and there's a

196

00:08:49,680 --> 00:08:47,650

little theme tune and a little cartoon

197

00:08:51,570 --> 00:08:49,690

character of you so it's all very right

198

00:08:54,690 --> 00:08:51,580

I'll think it's a it's a wonderful

199

00:08:56,490 --> 00:08:54,700

approach now before we get on to some

200

00:08:59,460 --> 00:08:56,500

the flat earth topic which I want to

201
00:09:02,190 --> 00:08:59,470
talk to you about what are the things

202
00:09:05,460 --> 00:09:02,200
that I notice that you talk about quite

203
00:09:08,010 --> 00:09:05,470
a lot in your videos or cover is physics

204
00:09:09,600 --> 00:09:08,020
and the types of energy potential energy

205
00:09:11,160 --> 00:09:09,610
kinetic energy and all this sort of

206
00:09:13,470 --> 00:09:11,170
thing and this struck a chord with me

207
00:09:16,170 --> 00:09:13,480
because in the skeptical movement we are

208
00:09:20,340 --> 00:09:16,180
constantly hearing from the new ages the

209
00:09:22,680 --> 00:09:20,350
word energy and they have no idea what

210
00:09:25,110 --> 00:09:22,690
they mean when they say energy to them

211
00:09:28,290 --> 00:09:25,120
energy means anything from happy

212
00:09:29,820 --> 00:09:28,300
feelings to mystical forces unknown to

213
00:09:31,830 --> 00:09:29,830

science do you ever come across that

214

00:09:33,750 --> 00:09:31,840

yourself absolutely I think energy is

215

00:09:35,750 --> 00:09:33,760

one of the most misused words in the

216

00:09:38,160 --> 00:09:35,760

common language today possibly the most

217

00:09:41,850 --> 00:09:38,170

right along with theory theory is

218

00:09:44,760 --> 00:09:41,860

another one that ideas just monoi oil is

219

00:09:49,110 --> 00:09:44,770

my blood but energy it's it's tough

220

00:09:51,780 --> 00:09:49,120

because it has it began to be used in a

221

00:09:53,610 --> 00:09:51,790

metaphorical sense right this person has

222

00:09:55,230 --> 00:09:53,620

good energy this room has good energy or

223

00:09:56,600 --> 00:09:55,240

something like that and what has

224

00:09:59,790 --> 00:09:56,610

happened with the quantum mysticism

225

00:10:02,010 --> 00:09:59,800

movement is they have begun to literal

226
00:10:04,440 --> 00:10:02,020
eyes that metaphorical usage of the word

227
00:10:07,200 --> 00:10:04,450
and it just runs everyone into all these

228
00:10:11,070 --> 00:10:07,210
problems because they they try to use

229
00:10:14,640 --> 00:10:11,080
science to back up what is essentially a

230
00:10:17,670 --> 00:10:14,650
metaphor you know so yeah I agree

231
00:10:19,410 --> 00:10:17,680
completely with your assessment of that

232
00:10:22,200 --> 00:10:19,420
word oh yeah we hear this all the time

233
00:10:24,180 --> 00:10:22,210
you buy this product whatever it happens

234
00:10:26,490 --> 00:10:24,190
to be to help you remove negative

235
00:10:28,620 --> 00:10:26,500
energies you can clear your room of

236
00:10:31,560 --> 00:10:28,630
negative energies we hear this all the

237
00:10:32,250 --> 00:10:31,570
time and my friend Brian Dunning over at

238
00:10:36,180 --> 00:10:32,260

the skeptoid

239

00:10:39,210 --> 00:10:36,190

podcast did a video over 10 years now

240

00:10:40,530 --> 00:10:39,220

called here be dragons I think that's

241

00:10:43,110 --> 00:10:40,540

the name of it where he talks about this

242

00:10:44,610 --> 00:10:43,120

exact problem I mean the new ages seem

243

00:10:48,750 --> 00:10:44,620

to think that energy is something like a

244

00:10:49,680 --> 00:10:48,760

Star Trek force it's magic it's it's a

245

00:10:51,540 --> 00:10:49,690

code word

246

00:10:53,510 --> 00:10:51,550

magic they want to promote a vibration

247

00:10:57,750 --> 00:10:53,520

is another one they like to use oh yeah

248

00:10:59,580 --> 00:10:57,760

because and it you know it atoms vibrate

249

00:11:02,040 --> 00:10:59,590

so you know it is a real thing but then

250

00:11:04,650 --> 00:11:02,050

they just say oh you know you're you

251
00:11:06,990 --> 00:11:04,660
have a bad vibration or a good vibration

252
00:11:08,730 --> 00:11:07,000
they just sort of extend actual

253
00:11:09,660 --> 00:11:08,740
scientific words into pseudo scientific

254
00:11:11,850 --> 00:11:09,670
territory

255
00:11:14,580 --> 00:11:11,860
it just becomes a slippery slope

256
00:11:16,290 --> 00:11:14,590
essentially it certainly does the one we

257
00:11:19,500 --> 00:11:16,300
hear all the time is we're going to

258
00:11:21,960 --> 00:11:19,510
raise the vibrations but let's talk

259
00:11:24,180 --> 00:11:21,970
about the video which really caught my

260
00:11:27,810 --> 00:11:24,190
attention I think it simply came up in

261
00:11:30,570 --> 00:11:27,820
my YouTube recommendations feed last

262
00:11:32,850 --> 00:11:30,580
week and it was the second video you did

263
00:11:35,490 --> 00:11:32,860

where you were it's a bit of a bit of a

264

00:11:37,740 --> 00:11:35,500

story you were rebutting a video that

265

00:11:40,350 --> 00:11:37,750

was made about you where you originally

266

00:11:42,390 --> 00:11:40,360

made a video about Flat Earth can you

267

00:11:44,760 --> 00:11:42,400

please take us through that interesting

268

00:11:46,950 --> 00:11:44,770

tale absolutely I'd be happy to tell you

269

00:11:49,320 --> 00:11:46,960

the tale it's very interesting because I

270

00:11:51,720 --> 00:11:49,330

this is not really my world I'm not I

271

00:11:53,670 --> 00:11:51,730

mean I consider myself a skeptic but I'm

272

00:11:56,730 --> 00:11:53,680

not in the world of debunking I'm in the

273

00:11:59,580 --> 00:11:56,740

world I'm just academic tutorials and so

274

00:12:01,710 --> 00:11:59,590

what I did was I was wrapping up an

275

00:12:05,430 --> 00:12:01,720

astronomy series I had done an astronomy

276

00:12:07,650 --> 00:12:05,440

series taking everyone through cosmology

277

00:12:10,230 --> 00:12:07,660

and you know the formation of the solar

278

00:12:11,430 --> 00:12:10,240

system stellar life cycle you know

279

00:12:13,220 --> 00:12:11,440

looking at each planet in the solar

280

00:12:17,310 --> 00:12:13,230

system just really basic academic

281

00:12:20,100 --> 00:12:17,320

astronomy 101 stuff and sometimes at the

282

00:12:22,080 --> 00:12:20,110

to wrap up a series I like to do a

283

00:12:24,360 --> 00:12:22,090

couple of little popular topics like for

284

00:12:25,530 --> 00:12:24,370

modern physics I did like the future of

285

00:12:27,120 --> 00:12:25,540

space travel you know just something

286

00:12:29,970 --> 00:12:27,130

that I thought maybe would get a few

287

00:12:33,150 --> 00:12:29,980

more hits and so I did one on astrology

288

00:12:37,770 --> 00:12:33,160

and I did one on Flat Earth and my my

289

00:12:39,329 --> 00:12:37,780

Flat Earth video was well I I didn't I I

290

00:12:42,230 --> 00:12:39,339

didn't peer into the Flat Earth

291

00:12:44,550 --> 00:12:42,240

community at all I just made a video

292

00:12:47,480 --> 00:12:44,560

demonstrating how we know the earth is

293

00:12:50,520 --> 00:12:47,490

round it was really what contextualizing

294

00:12:53,550 --> 00:12:50,530

or lessons from earlier in the in the

295

00:12:55,800 --> 00:12:53,560

series and I did not anticipate that

296

00:12:57,720 --> 00:12:55,810

that video would would the day of

297

00:13:00,180 --> 00:12:57,730

release go to the number one search

298

00:13:02,820 --> 00:13:00,190

result for the Flat Earth keyword and so

299

00:13:06,570 --> 00:13:02,830

it all the flat earthers found it

300

00:13:08,100 --> 00:13:06,580

the globe busters decided to pick it

301
00:13:11,580 --> 00:13:08,110
apart in a three and a half hour

302
00:13:14,550 --> 00:13:11,590
livestream and were extremely rude to me

303
00:13:16,110 --> 00:13:14,560
in doing so and it's funny because if

304
00:13:18,210 --> 00:13:16,120
they were not so rude I probably would

305
00:13:20,340 --> 00:13:18,220
have ignored them but they were so rude

306
00:13:22,950 --> 00:13:20,350
and I'm a very stubborn and vindictive

307
00:13:24,860 --> 00:13:22,960
fellow so I decided that I needed to

308
00:13:27,870 --> 00:13:24,870
make a 45 minute video

309
00:13:29,040 --> 00:13:27,880
deconstructing their livestream to make

310
00:13:32,010 --> 00:13:29,050
them look as stupid as humanly possible

311
00:13:34,560 --> 00:13:32,020
I think was the main thing but but also

312
00:13:37,500 --> 00:13:34,570
what it was is that now that I you know

313
00:13:39,210 --> 00:13:37,510

they criticized me for misrepresenting

314

00:13:41,790 --> 00:13:39,220

their model which was true because I did

315

00:13:43,380 --> 00:13:41,800

not look at their model at all and so

316

00:13:47,190 --> 00:13:43,390

you know I just figured all right let me

317

00:13:48,960 --> 00:13:47,200

just do one thing here of picking apart

318

00:13:52,320 --> 00:13:48,970

their model as they presented it to me

319

00:13:53,970 --> 00:13:52,330

and that's what I did had a lot of fun

320

00:13:57,210 --> 00:13:53,980

doing it I'm certainly going to link

321

00:13:59,790 --> 00:13:57,220

directly to Professor Dave's YouTube

322

00:14:03,600 --> 00:13:59,800

channel but I would particularly point

323

00:14:05,580 --> 00:14:03,610

out folks that you watch the range of

324

00:14:07,110 --> 00:14:05,590

videos the two videos where Dave talks

325

00:14:10,980 --> 00:14:07,120

about the flatterer if the second one in

326

00:14:14,100 --> 00:14:10,990

particular is a wonderful surgical

327

00:14:16,980 --> 00:14:14,110

takedown point by point of the points

328

00:14:19,380 --> 00:14:16,990

made about your original video it's it's

329

00:14:21,810 --> 00:14:19,390

from a sceptical point of view it's it's

330

00:14:24,030 --> 00:14:21,820

joy you know sit back with a bottle of

331

00:14:26,070 --> 00:14:24,040

champagne and really enjoy it and you

332

00:14:27,660 --> 00:14:26,080

also taught me a lot of things I must

333

00:14:30,750 --> 00:14:27,670

say when I watched the second video as

334

00:14:32,760 --> 00:14:30,760

you deconstructed their criticism of you

335

00:14:35,100 --> 00:14:32,770

it certainly taught me a lot of

336

00:14:38,400 --> 00:14:35,110

interesting science about the earth

337

00:14:40,560 --> 00:14:38,410

because sadly we getting this more and

338

00:14:42,300 --> 00:14:40,570

more often people more and more people

339

00:14:43,250 --> 00:14:42,310

seem to be jumping onto the Flat Earth

340

00:14:46,740 --> 00:14:43,260

as it were

341

00:14:48,960 --> 00:14:46,750

yeah it's a bit disturbing to be honest

342

00:14:50,490 --> 00:14:48,970

now that I have just sort of been wading

343

00:14:52,560 --> 00:14:50,500

through this muck for a little bit I'm

344

00:14:54,900 --> 00:14:52,570

starting to become a little bit more

345

00:14:57,000 --> 00:14:54,910

familiar with this Flat Earth community

346

00:15:01,860 --> 00:14:57,010

and I'm starting to realize the extent

347

00:15:04,740 --> 00:15:01,870

to which it is more of a pulp than

348

00:15:07,560 --> 00:15:04,750

anything and so yeah I'm see I'm

349

00:15:09,390 --> 00:15:07,570

extremely convinced that figures such as

350

00:15:11,910 --> 00:15:09,400

the globe busters do not believe the

351

00:15:14,550 --> 00:15:11,920

earth is flat and instead of just

352

00:15:15,720 --> 00:15:14,560

profiting off of their you know their

353

00:15:18,569 --> 00:15:15,730

content

354

00:15:20,550 --> 00:15:18,579

and I'm not sure the extent to which the

355

00:15:23,670 --> 00:15:20,560

followers believe it either obviously

356

00:15:26,340 --> 00:15:23,680

some do but I you know there's talk of

357

00:15:28,199 --> 00:15:26,350

psyops and and paid trolls and all these

358

00:15:30,810 --> 00:15:28,209

things and I'm just like wow I need to

359

00:15:33,139 --> 00:15:30,820

get back to my regular content because

360

00:15:35,430 --> 00:15:33,149

this is this is crazy but yeah you know

361

00:15:37,230 --> 00:15:35,440

even just this little bit of time and

362

00:15:41,100 --> 00:15:37,240

managing the comment section on that one

363

00:15:43,680 --> 00:15:41,110

video has really opened my eyes to the

364

00:15:45,210 --> 00:15:43,690

the deceit that is going on it's not

365

00:15:48,000 --> 00:15:45,220

genuine you know it's not genuine

366

00:15:51,000 --> 00:15:48,010

inquiry and going on over there no

367

00:15:52,350 --> 00:15:51,010

matter how misled you know that's that's

368

00:15:55,230 --> 00:15:52,360

really interesting that's a very

369

00:15:58,560 --> 00:15:55,240

interesting point of view because in my

370

00:16:00,000 --> 00:15:58,570

experience over you know around about 20

371

00:16:03,240 --> 00:16:00,010

years I certainly know there are a lot

372

00:16:05,250 --> 00:16:03,250

of people in any New Age idea and we can

373

00:16:07,350 --> 00:16:05,260

broadly put this into a new-age idea or

374

00:16:08,940 --> 00:16:07,360

conspiracy idea who genuinely believe it

375

00:16:10,740 --> 00:16:08,950

there are thousands of people out there

376

00:16:12,690 --> 00:16:10,750

I would put to you absolutely and

377

00:16:15,540 --> 00:16:12,700

sincerely believe the world is flat and

378

00:16:19,139 --> 00:16:15,550

that they're fighting the big global

379

00:16:23,939 --> 00:16:19,149

conceal hiding the global conspiracy you

380

00:16:27,269 --> 00:16:23,949

might say yeah now how before we wrap up

381

00:16:29,550 --> 00:16:27,279

I'm really curious to know being a video

382

00:16:32,220 --> 00:16:29,560

producer myself and uh obviously an

383

00:16:34,439 --> 00:16:32,230

audio producer I'm very curious to know

384

00:16:36,900 --> 00:16:34,449

what your process is for making the

385

00:16:39,900 --> 00:16:36,910

videos you know how do you obviously

386

00:16:41,730 --> 00:16:39,910

write the script I I guess and and you

387

00:16:43,530 --> 00:16:41,740

have a little studio for filming how do

388

00:16:45,300 --> 00:16:43,540

you go about this so I am extremely

389

00:16:48,360 --> 00:16:45,310

fortunate in that living in Los Angeles

390

00:16:50,460 --> 00:16:48,370

I have access to YouTube Studios there

391

00:16:52,199 --> 00:16:50,470

are about a dozen of these locations

392

00:16:53,810 --> 00:16:52,209

around the actually I think there's one

393

00:16:56,040 --> 00:16:53,820

in Sydney is there not

394

00:16:58,199 --> 00:16:56,050

that's a good question I'd have to look

395

00:17:01,170 --> 00:16:58,209

into that they could well be I think I

396

00:17:03,000 --> 00:17:01,180

forget exactly which cities have them

397

00:17:06,030 --> 00:17:03,010

but there is one in Los Angeles and to

398

00:17:07,980 --> 00:17:06,040

anyone over a certain number of

399

00:17:11,039 --> 00:17:07,990

subscribers the facilities are made

400

00:17:12,900 --> 00:17:11,049

available for free so pretty quickly I

401
00:17:16,199 --> 00:17:12,910
mean it took about a year to get enough

402
00:17:18,720 --> 00:17:16,209
subscribers to to get that access but I

403
00:17:21,840 --> 00:17:18,730
I got there pretty quickly and so for

404
00:17:24,299 --> 00:17:21,850
three plus years I have just been so I

405
00:17:25,890 --> 00:17:24,309
sort of I batch write the scripts I just

406
00:17:28,400 --> 00:17:25,900
write a lot of scripts for a few weeks

407
00:17:30,830 --> 00:17:28,410
and then I just I

408
00:17:32,420 --> 00:17:30,840
I get one of the rooms that you - I get

409
00:17:34,970 --> 00:17:32,430
one of the green-screen rooms over at

410
00:17:36,980 --> 00:17:34,980
YouTube Studios here in Los Angeles for

411
00:17:39,770 --> 00:17:36,990
a day or two days sometimes three days

412
00:17:42,920 --> 00:17:39,780
12 hour days I hire someone to run

413
00:17:45,500 --> 00:17:42,930

camera and monitor audio and I just run

414

00:17:48,830 --> 00:17:45,510

through these scripts like 100 150 of

415

00:17:50,660 --> 00:17:48,840

them real rapid-fire and then I take it

416

00:17:52,730 --> 00:17:50,670

all home and I spend about three months

417

00:17:54,620 --> 00:17:52,740

editing and animating okay so you do the

418

00:17:58,310 --> 00:17:54,630

editing and then the post animation

419

00:18:00,950 --> 00:17:58,320

yourself and it's all me over here Wow

420

00:18:04,250 --> 00:18:00,960

and in the studio what is there an

421

00:18:06,440 --> 00:18:04,260

autocue situation for you oh you mean

422

00:18:08,450 --> 00:18:06,450

like a teleprompter yeah yeah yeah I use

423

00:18:10,160 --> 00:18:08,460

a teleprompter like the real deal of

424

00:18:12,050 --> 00:18:10,170

this kind of thing where when you look

425

00:18:13,940 --> 00:18:12,060

at it you you're flabbergasted that it

426

00:18:16,250 --> 00:18:13,950

even works because it's there's a

427

00:18:19,190 --> 00:18:16,260

there's like a one-way mirror and it and

428

00:18:21,710 --> 00:18:19,200

it projects the the the mirror image of

429

00:18:23,420 --> 00:18:21,720

the words that you're gonna you're just

430

00:18:25,580 --> 00:18:23,430

you're looking at words where the lens

431

00:18:27,050 --> 00:18:25,590

is the first time I saw it I was

432

00:18:29,390 --> 00:18:27,060

fascinated by but now I'm used to it

433

00:18:30,740 --> 00:18:29,400

I've been using it for years but it's

434

00:18:33,890 --> 00:18:30,750

been great practice I'm very good at

435

00:18:34,670 --> 00:18:33,900

reading prompter now so I'm not

436

00:18:36,500 --> 00:18:34,680

surprised

437

00:18:38,780 --> 00:18:36,510

we'll look folks there's the clue for

438

00:18:43,100 --> 00:18:38,790

you all no matter if you're a student or

439

00:18:45,290 --> 00:18:43,110

somebody like me who is been interested

440

00:18:48,020 --> 00:18:45,300

in science education and basically just

441

00:18:52,100 --> 00:18:48,030

learning about science professor Dave

442

00:18:55,250 --> 00:18:52,110

explains is a wide-ranging field for you

443

00:18:59,090 --> 00:18:55,260

to enjoy everything from cosmology to

444

00:19:02,090 --> 00:18:59,100

chemistry to even learning Italian it's

445

00:19:04,550 --> 00:19:02,100

all there for you and I will certainly

446

00:19:05,960 --> 00:19:04,560

link to all those oh it's really just

447

00:19:08,120 --> 00:19:05,970

one link in the show notes it's

448

00:19:10,090 --> 00:19:08,130

primarily a YouTube channel Dave but you

449

00:19:12,980 --> 00:19:10,100

also have a presence on Facebook I think

450

00:19:15,020 --> 00:19:12,990

yeah I mean I'm on all the social side

451
00:19:19,310 --> 00:19:15,030
on't know how well I curate them but

452
00:19:22,100 --> 00:19:19,320
they're there so yes because I and I

453
00:19:24,380 --> 00:19:22,110
also noticed I came across the podcast

454
00:19:26,600 --> 00:19:24,390
you did talking about the problem with

455
00:19:29,270 --> 00:19:26,610
the anti-vaxxers yes so I do have a

456
00:19:32,420 --> 00:19:29,280
podcast it's it doesn't have an

457
00:19:34,190 --> 00:19:32,430
extremely solid listenership yet but I'm

458
00:19:36,320 --> 00:19:34,200
still you know I've been plugging away I

459
00:19:38,660 --> 00:19:36,330
released one monthly it's called

460
00:19:41,330 --> 00:19:38,670
professor Dave debates and each episode

461
00:19:41,960 --> 00:19:41,340
is topic specific so we did one on

462
00:19:45,529 --> 00:19:41,970
flatter

463
00:19:47,539 --> 00:19:45,539

we did one on anti VAX you know I just

464

00:19:49,940 --> 00:19:47,549

try to find experts and we talk for

465

00:19:51,350 --> 00:19:49,950

about an hour about what they know there

466

00:19:54,080 --> 00:19:51,360

you go it's all there folks and I'll

467

00:19:56,269 --> 00:19:54,090

link to that as well in this week's show

468

00:19:58,369 --> 00:19:56,279

notes well professor day of day Farina

469

00:20:00,289 --> 00:19:58,379

all the way there in Los Angeles

470

00:20:02,389 --> 00:20:00,299

California thank you very much for all

471

00:20:04,129 --> 00:20:02,399

the time in the effort for what you do

472

00:20:06,049 --> 00:20:04,139

I'm certainly learning a lot and I'm

473

00:20:09,049 --> 00:20:06,059

sure my listeners will now run and click

474

00:20:10,909 --> 00:20:09,059

and enjoy your videos as well but for

475

00:20:20,570 --> 00:20:10,919

now professor Dave thank you very much

476

00:20:23,570 --> 00:20:20,580

thank you for having vitamins trans fats

477

00:20:24,710 --> 00:20:23,580

GMOs radiation what does it all mean you

478

00:20:26,149 --> 00:20:24,720

don't have time to figure all this out

479

00:20:28,039 --> 00:20:26,159

on your own don't you wish someone could

480

00:20:31,460 --> 00:20:28,049

just explain it to you plain and simple

481

00:20:33,230 --> 00:20:31,470

oh hello are you tired of not

482

00:20:34,700 --> 00:20:33,240

understanding the world around you would

483

00:20:36,980 --> 00:20:34,710

you like to learn science but can't

484

00:20:39,289 --> 00:20:36,990

because of your job or family or because

485

00:20:42,080 --> 00:20:39,299

you just don't want to try very hard let

486

00:20:44,119 --> 00:20:42,090

me help I'm professor Dave and I explain

487

00:20:45,860 --> 00:20:44,129

science stuff if you want to understand

488

00:20:47,629 --> 00:20:45,870

medicine nutrition or just about

489

00:20:49,249 --> 00:20:47,639

anything else that's science II you're

490

00:20:51,680 --> 00:20:49,259

going to have to learn about atoms and

491

00:20:52,909 --> 00:20:51,690

molecules my tutorials are comprehensive

492

00:20:55,009 --> 00:20:52,919

enough for students that want to a

493

00:20:56,779 --> 00:20:55,019

stayer courses but simple enough for the

494

00:20:58,909 --> 00:20:56,789

average jack or Jill that want to

495

00:21:00,980 --> 00:20:58,919

understand how a battery works what's

496

00:21:03,529 --> 00:21:00,990

happening when water boils or when it's

497

00:21:05,539 --> 00:21:03,539

appropriate to use the word quantum it's

498

00:21:06,860 --> 00:21:05,549

easy and fun to watch and you can test

499

00:21:09,139 --> 00:21:06,870

your understanding at the end of each

500

00:21:10,549 --> 00:21:09,149

clip so let's all learn some science and

501
00:21:16,500 --> 00:21:10,559
take down those corporate fat cats

502
00:21:31,029 --> 00:21:28,210
explains now here's a short report by

503
00:21:35,289 --> 00:21:31,039
Jane Henson published The Sunday

504
00:21:39,070 --> 00:21:35,299
Telegraph on the 14th of April 2019 anti

505
00:21:45,279 --> 00:21:39,080
VAX naturopath band after watchdog puts

506
00:21:47,890 --> 00:21:45,289
bite on her claims a naturopath has been

507
00:21:50,710 --> 00:21:47,900
prohibited from providing any health

508
00:21:53,620 --> 00:21:50,720
services of any description by the

509
00:21:56,080 --> 00:21:53,630
healthcare Complaints Commission Barbra

510
00:21:58,149 --> 00:21:56,090
O'Neill has been under investigation by

511
00:22:01,990 --> 00:21:58,159
the health watchdog for making false

512
00:22:04,360 --> 00:22:02,000
claims about cancer vaccinations and for

513
00:22:08,860 --> 00:22:04,370

recommending inappropriate substitutes

514

00:22:12,760 --> 00:22:08,870

for infant formula ms O'Neill runs misty

515

00:22:14,649 --> 00:22:12,770

mountain retreat near Kenzie and charges

516

00:22:17,440 --> 00:22:14,659

as much as three thousand one hundred

517

00:22:21,909 --> 00:22:17,450

dollars a week for health retreats and

518

00:22:23,500 --> 00:22:21,919

cancer quote treatments and quote the

519

00:22:25,990 --> 00:22:23,510

aged Triple C launched an investigation

520

00:22:29,049 --> 00:22:26,000

after receiving complaints from

521

00:22:30,190 --> 00:22:29,059

concerned citizens and registered health

522

00:22:34,390 --> 00:22:30,200

practitioners

523

00:22:36,760 --> 00:22:34,400

however 22,000 supporters have signed a

524

00:22:40,240 --> 00:22:36,770

petition appealing the H Triple C

525

00:22:44,200 --> 00:22:40,250

decision ms O'Neill claims antibiotics

526

00:22:47,440 --> 00:22:44,210

cause cancer and quote neurotoxins in

527

00:22:51,220 --> 00:22:47,450

vaccines have caused an epidemic of ADHD

528

00:22:54,039 --> 00:22:51,230

autism epilepsy and cot death end quote

529

00:22:56,470 --> 00:22:54,049

there is no scientific evidence for such

530

00:23:05,680 --> 00:23:03,440

and it does not surprise me that 22,000

531

00:23:09,860 --> 00:23:05,690

supporters have signed a petition

532

00:23:12,139 --> 00:23:09,870

undoubtedly an online petition I wonder

533

00:23:14,570 --> 00:23:12,149

if this will be setting some sort of

534

00:23:16,789 --> 00:23:14,580

precedent I'm sure it will anyway that

535

00:23:19,020 --> 00:23:16,799

story is available online and I will

536

00:23:40,210 --> 00:23:19,030

link to it in this week's show notes

537

00:23:45,070 --> 00:23:41,620

[Music]

538

00:23:47,040 --> 00:23:45,080

olice less habla Paola desde la Moses

539

00:23:50,410 --> 00:23:47,050

with other Buenos Aires in Argentina

540

00:23:53,070 --> 00:23:50,420

cuando Kucha most podcasts hmm I'm ok

541

00:23:55,450 --> 00:23:53,080

Kucha todo el mundo comedy skeptics own

542

00:23:57,910 --> 00:23:55,460

ojala pueden venir a visit Ana's algun

543

00:24:00,460 --> 00:23:57,920

dia las esperamos con nuestra Ricky see

544

00:24:07,330 --> 00:24:00,470

Mikami de-localized yeah podemos hablar

545

00:24:09,280 --> 00:24:07,340

un tango mientras tanto sugandha fruit

546

00:24:22,130 --> 00:24:09,290

and oda sudo see Simonelli ciencia de

547

00:24:28,740 --> 00:24:25,470

well I'm here in Canberra and I am

548

00:24:31,620 --> 00:24:28,750

talking to Christine done hi nice to

549

00:24:34,110 --> 00:24:31,630

meet you so first of all tell us a

550

00:24:36,060 --> 00:24:34,120

little bit about yourself I'm a sports

551
00:24:39,630 --> 00:24:36,070
psychologist I currently work at they're

552
00:24:41,460 --> 00:24:39,640
a CT Academy of Sport and prior to that

553
00:24:43,590 --> 00:24:41,470
I've been working in the Australian and

554
00:24:46,470 --> 00:24:43,600
Scottish sporting systems with elite

555
00:24:49,400 --> 00:24:46,480
Olympic and Paralympic athletes and what

556
00:24:52,230 --> 00:24:49,410
made you get into sports psychology oh

557
00:24:54,120 --> 00:24:52,240
gosh I wish I had a great story sadly I

558
00:24:56,130 --> 00:24:54,130
just really like sports and I really

559
00:24:56,940 --> 00:24:56,140
like people and I'm not particularly

560
00:25:01,350 --> 00:24:56,950
good at sports

561
00:25:04,860 --> 00:25:01,360
so my entry point was via psychology so

562
00:25:08,370 --> 00:25:04,870
tonight talk is about elite athletes and

563
00:25:12,600 --> 00:25:08,380

sports superstitions you talked a little

564

00:25:15,060 --> 00:25:12,610

bit about this phenomenon yes oh boy it

565

00:25:16,860 --> 00:25:15,070

is a fairly uncertain thing right

566

00:25:19,170 --> 00:25:16,870

there's skill involved there's some luck

567

00:25:21,420 --> 00:25:19,180

involved in most follow it and that can

568

00:25:23,340 --> 00:25:21,430

lead to some interesting behaviors if

569

00:25:24,690 --> 00:25:23,350

you watch sport you'll probably see some

570

00:25:27,720 --> 00:25:24,700

athletes doing some fairly unusual

571

00:25:30,150 --> 00:25:27,730

things and that's them trying to manage

572

00:25:32,070 --> 00:25:30,160

their anxieties around what might happen

573

00:25:34,410 --> 00:25:32,080

in the event that they're competing in

574

00:25:37,980 --> 00:25:34,420

do you have any personal favorites that

575

00:25:39,990 --> 00:25:37,990

you've seen in your time look Steve were

576

00:25:41,490 --> 00:25:40,000

always my hero when I was growing up and

577

00:25:44,010 --> 00:25:41,500

he had a red hanky that he was

578

00:25:47,790 --> 00:25:44,020

particularly attached to it's not an

579

00:25:50,700 --> 00:25:47,800

especially exciting superstition but

580

00:25:52,950 --> 00:25:50,710

that's one that I remember the one that

581

00:25:54,960 --> 00:25:52,960

people often bring up most to me is Rafa

582

00:25:56,430 --> 00:25:54,970

Nadal he's got a few behaviors that

583

00:25:58,440 --> 00:25:56,440

people will notice so if you're a tennis

584

00:26:01,050 --> 00:25:58,450

watch oh you'll see he's kind of a he's

585

00:26:02,640 --> 00:26:01,060

a fidgety player and he's got a number

586

00:26:04,500 --> 00:26:02,650

of behaviours that he will do including

587

00:26:06,120 --> 00:26:04,510

lining up his water bottles and playing

588

00:26:08,280 --> 00:26:06,130

with different bits of clothing and

589

00:26:11,130 --> 00:26:08,290

getting himself ready to play as a

590

00:26:13,020 --> 00:26:11,140

scientist how do you deal with athletes

591

00:26:15,750 --> 00:26:13,030

who have these sort of superstitions

592

00:26:18,480 --> 00:26:15,760

knowing that for the most part they're

593

00:26:22,050 --> 00:26:18,490

completely harmless but have absolutely

594

00:26:24,300 --> 00:26:22,060

no scientific merit yes look I'm an

595

00:26:25,860 --> 00:26:24,310

applied practitioner so I'm a scientist

596

00:26:27,270 --> 00:26:25,870

practitioner sorry if they're harmless

597

00:26:30,300 --> 00:26:27,280

and

598

00:26:32,100 --> 00:26:30,310

they're helpful as so you know so

599

00:26:33,630 --> 00:26:32,110

they're at least harmless and they might

600

00:26:36,810 --> 00:26:33,640

be helping the athlete perform by

601
00:26:38,820 --> 00:26:36,820
perhaps reducing their anxiety then I

602
00:26:41,060 --> 00:26:38,830
usually let it go but we look at the

603
00:26:43,200 --> 00:26:41,070
function of it and whether that

604
00:26:45,720 --> 00:26:43,210
superstition or ritual is getting in the

605
00:26:46,860 --> 00:26:45,730
way of their behavior and a recent

606
00:26:49,830 --> 00:26:46,870
example of that would be a football

607
00:26:51,240 --> 00:26:49,840
player who was unable to he was not on

608
00:26:52,500 --> 00:26:51,250
the field for kickoff because they had

609
00:26:54,420 --> 00:26:52,510
to be the last person out of their

610
00:26:56,160 --> 00:26:54,430
changing room and so then it's

611
00:26:57,960 --> 00:26:56,170
dysfunctional and then I would look at

612
00:26:59,040 --> 00:26:57,970
trying to try to work with that athlete

613
00:27:01,980 --> 00:26:59,050

to change their beliefs

614

00:27:05,160 --> 00:27:01,990

how can a behavior like that turn as

615

00:27:09,920 --> 00:27:05,170

dysfunctional as happy have you ever led

616

00:27:12,960 --> 00:27:09,930

to actual harm not that I'm aware of

617

00:27:14,370 --> 00:27:12,970

you know the psychological pain of not

618

00:27:17,910 --> 00:27:14,380

being able to do things that you need to

619

00:27:19,290 --> 00:27:17,920

do but know there's no harm attached to

620

00:27:21,870 --> 00:27:19,300

it it just means it's going to impact

621

00:27:24,150 --> 00:27:21,880

your performance in a negative way in

622

00:27:30,510 --> 00:27:24,160

your time how would you rate the quality

623

00:27:32,130 --> 00:27:30,520

of your strain sport at the moment we're

624

00:27:34,470 --> 00:27:32,140

in a reasonable position you know the

625

00:27:36,720 --> 00:27:34,480

world's I work in is mostly Olympic and

626
00:27:38,910 --> 00:27:36,730
Paralympic and Tokyo still just under

627
00:27:40,500 --> 00:27:38,920
eighteen months away so I think we're in

628
00:27:42,300 --> 00:27:40,510
a good position our Paralympic team in

629
00:27:43,770 --> 00:27:42,310
particular had a good Rio our Olympic

630
00:27:46,110 --> 00:27:43,780
team didn't have a great Rio so

631
00:27:47,400 --> 00:27:46,120
hopefully we can get on top of that and

632
00:27:49,110 --> 00:27:47,410
I'm really looking forward to seeing the

633
00:27:52,230 --> 00:27:49,120
ashes of the Rugby World Cup later this

634
00:27:54,240 --> 00:27:52,240
year as well alright well I look forward

635
00:27:55,950 --> 00:27:54,250
to your talk thank you very much and

636
00:27:57,060 --> 00:27:55,960
thank you very much for coming to speak

637
00:27:58,620 --> 00:27:57,070
to camera skeptics

638
00:27:59,270 --> 00:27:58,630

you're very welcome looking forward to

639

00:28:09,720 --> 00:27:59,280

it

640

00:28:17,020 --> 00:28:12,549

aliens are probing people and mutilating

641

00:28:19,540 --> 00:28:17,030

cows 9/11 was an inside job I'm the oppa

642

00:28:20,830 --> 00:28:19,550

to clean up my athlete's foot vaccines

643

00:28:23,500 --> 00:28:20,840

cause autism

644

00:28:26,650 --> 00:28:23,510

not all selfies of Clematis lawn is

645

00:28:28,390 --> 00:28:26,660

definitely real we all have friends and

646

00:28:31,000 --> 00:28:28,400

family who believe these things and much

647

00:28:33,100 --> 00:28:31,010

more well if you're a rational thinker

648

00:28:34,870 --> 00:28:33,110

who is tired of arguing on social media

649

00:28:35,980 --> 00:28:34,880

and never getting anywhere we have a

650

00:28:37,930 --> 00:28:35,990

solution for you

651
00:28:40,270 --> 00:28:37,940
join the guerrilla skepticism on

652
00:28:42,850 --> 00:28:40,280
wikipedia team and we will teach you how

653
00:28:44,950 --> 00:28:42,860
to add reliable scientific and skeptical

654
00:28:46,299 --> 00:28:44,960
information to the world's number-one

655
00:28:48,730 --> 00:28:46,309
source of information

656
00:28:50,799 --> 00:28:48,740
Wikipedia we write new articles and

657
00:28:52,810 --> 00:28:50,809
improve existing ones we remove

658
00:28:55,240 --> 00:28:52,820
pseudoscience paranormal and altmed

659
00:28:57,520 --> 00:28:55,250
claims substituting the actual facts and

660
00:28:59,530 --> 00:28:57,530
we operate in many languages we've

661
00:29:02,020 --> 00:28:59,540
already reached tens of millions of

662
00:29:04,060 --> 00:29:02,030
people searching for information but as

663
00:29:07,480 --> 00:29:04,070

you can imagine we can never do enough

664

00:29:09,790 --> 00:29:07,490

so please join us all you need is a PC a

665

00:29:12,250 --> 00:29:09,800

Facebook account and the desire to help

666

00:29:13,900 --> 00:29:12,260

educate the planet in fact you'll be

667

00:29:18,690 --> 00:29:13,910

educating the world while you sleep

668

00:29:22,290 --> 00:29:18,700

contact us at es owt @ gmail.com

669

00:29:30,020 --> 00:29:22,300

guerrilla skepticism the time is now

670

00:29:35,390 --> 00:29:32,600

[Music]

671

00:29:38,240 --> 00:29:35,400

and now we continue our series of

672

00:29:40,580 --> 00:29:38,250

reports articles items of interest from

673

00:29:42,820 --> 00:29:40,590

the pages of the skeptic magazine the

674

00:29:45,080 --> 00:29:42,830

journal from Australian skeptics

675

00:29:48,140 --> 00:29:45,090

[Applause]

676

00:29:55,390 --> 00:29:48,150

and this week we go back to volume

677

00:30:02,480 --> 00:29:57,820

[Music]

678

00:30:05,270 --> 00:30:02,490

Flying Saucer II Steve Robert searches

679

00:30:12,190 --> 00:30:05,280

the skies for evidence of UFOs and a

680

00:30:15,290 --> 00:30:12,200

history of hoaxes UFO hoaxes

681

00:30:17,870 --> 00:30:15,300

surprisingly there aren't many take a

682

00:30:20,840 --> 00:30:17,880

big bunch of UFO sightings say over the

683

00:30:22,760 --> 00:30:20,850

last 60 years the bunch will turn out to

684

00:30:25,240 --> 00:30:22,770

be much smaller than you would think

685

00:30:28,190 --> 00:30:25,250

given the popularity of the topic

686

00:30:30,880 --> 00:30:28,200

dismissing those none caused by

687

00:30:33,470 --> 00:30:30,890

extraterrestrial vehicles and those many

688

00:30:35,560 --> 00:30:33,480

having a peculiar absence of the

689

00:30:38,480 --> 00:30:35,570

expected level of detail and information

690

00:30:41,450 --> 00:30:38,490

we are left with the misinterpretations

691

00:30:44,780 --> 00:30:41,460

of genuine phenomena and a few hoaxes

692

00:30:47,300 --> 00:30:44,790

sadly for the UFO community most famous

693

00:30:50,090 --> 00:30:47,310

sightings have fallen sooner or later

694

00:30:54,320 --> 00:30:50,100

into the last category and amusingly

695

00:30:57,020 --> 00:30:54,330

given the incident Rendlesham forest of

696

00:30:59,630 --> 00:30:57,030

1980 for example can be accepted as a

697

00:31:02,900 --> 00:30:59,640

genuine UFO event by some groups and

698

00:31:04,610 --> 00:31:02,910

rejected as mundane my others the next

699

00:31:06,320 --> 00:31:04,620

thing that you will notice from your

700

00:31:09,170 --> 00:31:06,330

ever shrinking bunch of the UFO

701
00:31:13,790 --> 00:31:09,180
incidents is their dates there'll be

702
00:31:16,400 --> 00:31:13,800
nothing much up until 1947 and even then

703
00:31:21,050 --> 00:31:16,410
not as much until the two mighty waves

704
00:31:25,100 --> 00:31:21,060
in 1952 and 1954 followed by steady

705
00:31:27,680 --> 00:31:25,110
decline with a brief resurgence in 1977

706
00:31:29,720 --> 00:31:27,690
caused by the release of the movie Close

707
00:31:33,700 --> 00:31:29,730
Encounters of the Third Kind

708
00:31:36,440 --> 00:31:33,710
and nearly all of these were in the USA

709
00:31:38,990 --> 00:31:36,450
sightings with associated evidence

710
00:31:43,130 --> 00:31:39,000
typically a photograph but usually with

711
00:31:46,270 --> 00:31:43,140
a incoherent story are even fewer just

712
00:31:49,400 --> 00:31:46,280
one good photo with a plausible story

713
00:31:52,040 --> 00:31:49,410

explaining for example why nobody else

714

00:31:55,070 --> 00:31:52,050

took the same photo would still be

715

00:31:58,159 --> 00:31:55,080

enough to command serious attention long

716

00:32:00,409 --> 00:31:58,169

ago cameras were exotic toys

717

00:32:03,320 --> 00:32:00,419

was not very common for an individual to

718

00:32:05,930 --> 00:32:03,330

own one or if you did to waste the

719

00:32:08,989 --> 00:32:05,940

expensive film and development until

720

00:32:12,739 --> 00:32:08,999

about the 1950s the accordingly fairies

721

00:32:15,499 --> 00:32:12,749

of 1917 were taken with roughly three by

722

00:32:18,499 --> 00:32:15,509

four inch glass plates that ruled out

723

00:32:20,570 --> 00:32:18,509

handheld use and required the subject to

724

00:32:23,749 --> 00:32:20,580

pose for a second or so but were

725

00:32:26,299 --> 00:32:23,759

nevertheless usable by complete amateurs

726

00:32:29,119 --> 00:32:26,309

it was parental disapproval that stopped

727

00:32:31,639 --> 00:32:29,129

the girls taking more pictures some UFOs

728

00:32:35,149 --> 00:32:31,649

predate camera ownership of course but

729

00:32:37,879 --> 00:32:35,159

not many in 1897 there was a wave of

730

00:32:40,159 --> 00:32:37,889

phantom airship sightings helped along

731

00:32:42,529 --> 00:32:40,169

by pranksters releasing hot-air balloons

732

00:32:45,019 --> 00:32:42,539

with fires under them this is an old

733

00:32:49,070 --> 00:32:45,029

chestnut but it was still fooling people

734

00:32:51,950 --> 00:32:49,080

in 2012 in Warren bull Victoria in like

735

00:32:54,799 --> 00:32:51,960

vain the Wisconsin UFO Club used to meet

736

00:32:57,739 --> 00:32:54,809

in the Lakeside pub where they could

737

00:33:00,289 --> 00:32:57,749

enjoy beer hamburgers and pizza and tell

738

00:33:03,129 --> 00:33:00,299

yarns while gazing at the view over the

739

00:33:06,680 --> 00:33:03,139

lake some locals thought it would be

740

00:33:09,499 --> 00:33:06,690

charitable to provide balloon borne UFOs

741

00:33:12,739 --> 00:33:09,509

for them to look at and photograph by

742

00:33:15,649 --> 00:33:12,749

the 1950s reasonably priced camera film

743

00:33:18,169 --> 00:33:15,659

was in widespread use and many hobbyists

744

00:33:21,889 --> 00:33:18,179

were developing their own negatives and

745

00:33:23,779 --> 00:33:21,899

prints some tricks were easy to do in

746

00:33:26,330 --> 00:33:23,789

the darkroom resulting in prints

747

00:33:29,749 --> 00:33:26,340

differing from the negatives and hence

748

00:33:31,999 --> 00:33:29,759

from reality George Adamski couldn't

749

00:33:34,729 --> 00:33:32,009

resist casting shadows in his printing

750

00:33:36,979 --> 00:33:34,739

process when he wasn't setting up vacuum

751
00:33:39,710 --> 00:33:36,989
cleaners and tennis balls to bolster his

752
00:33:42,169 --> 00:33:39,720
UFO stories the quality of these and

753
00:33:45,649 --> 00:33:42,179
similar pictures now and then actually

754
00:33:48,320 --> 00:33:45,659
is truly appalling fuzzy focus and weird

755
00:33:50,599 --> 00:33:48,330
framing required UFO complainants to

756
00:33:51,590 --> 00:33:50,609
plead the excuse that they couldn't get

757
00:33:54,349 --> 00:33:51,600
the camera ready

758
00:33:56,840 --> 00:33:54,359
even during incidents when there clearly

759
00:33:59,539 --> 00:33:56,850
would have been plenty of time to make a

760
00:34:03,279 --> 00:33:59,549
better job further excuses had to be

761
00:34:06,320 --> 00:34:03,289
advanced as to how a UFO could be badly

762
00:34:08,569 --> 00:34:06,330
photographed but no attempt made to snap

763
00:34:11,119 --> 00:34:08,579

the actual aliens that came out of it

764

00:34:13,999 --> 00:34:11,129

very many non hoaxes you

765

00:34:17,480 --> 00:34:14,009

photographs have this fuzzy quality and

766

00:34:19,549 --> 00:34:17,490

there is a reason for this and why UFO

767

00:34:23,119 --> 00:34:19,559

events are always at the edge of

768

00:34:25,700 --> 00:34:23,129

detection if the UFO was any further

769

00:34:28,789 --> 00:34:25,710

away from being observed or photographed

770

00:34:31,669 --> 00:34:28,799

we wouldn't see it at all and if it was

771

00:34:34,819 --> 00:34:31,679

closer we'd see the fine details that

772

00:34:37,700 --> 00:34:34,829

would give away its identity it follows

773

00:34:40,519 --> 00:34:37,710

that UFO hoax photographs must all be

774

00:34:43,639 --> 00:34:40,529

slightly out of focus and it is a

775

00:34:47,480 --> 00:34:43,649

courageous hoaxer indeed who sharply

776

00:34:50,599 --> 00:34:47,490

defines his UFO billy meier for example

777

00:34:53,180 --> 00:34:50,609

has produced some sharp UFO pictures but

778

00:34:55,970 --> 00:34:53,190

now the catches that their context is so

779

00:34:58,130 --> 00:34:55,980

far from what he claims they show that

780

00:35:01,400 --> 00:34:58,140

you can't understand what the objects

781

00:35:03,950 --> 00:35:01,410

really are usually buttons after a

782

00:35:05,960 --> 00:35:03,960

couple of decades of UFO silliness the

783

00:35:09,259 --> 00:35:05,970

US government finally commissioned the

784

00:35:11,150 --> 00:35:09,269

Condon report to examine the phenomena

785

00:35:13,460 --> 00:35:11,160

and hopefully dismiss it allowing

786

00:35:16,759 --> 00:35:13,470

Americans to divert their attention to

787

00:35:18,829 --> 00:35:16,769

education citizenship Wars etc amongst

788

00:35:21,079 --> 00:35:18,839

the incidents this report admitted it

789

00:35:24,019 --> 00:35:21,089

could not explain worthy McMinnville

790

00:35:27,289 --> 00:35:24,029

photographs of 1950 which showed a

791

00:35:30,349 --> 00:35:27,299

tilted saucer shaped craft viewed from a

792

00:35:32,720 --> 00:35:30,359

farmland years later and of course

793

00:35:34,849 --> 00:35:32,730

showing the superiority of private

794

00:35:37,190 --> 00:35:34,859

enterprise over wasteful and clumsy

795

00:35:39,980 --> 00:35:37,200

government processes private researchers

796

00:35:43,549 --> 00:35:39,990

would actually visit that farm yard and

797

00:35:45,380 --> 00:35:43,559

deduce the camera position held and thus

798

00:35:48,079 --> 00:35:45,390

show that the pictures had been

799

00:35:51,349 --> 00:35:48,089

carefully framed not taken in haste as

800

00:35:54,170 --> 00:35:51,359

in the covering story and a photograph

801
00:35:57,470 --> 00:35:54,180
appeared of the farmers truck whose

802
00:36:01,730 --> 00:35:57,480
tilted side mirrors so closely so very

803
00:36:04,999 --> 00:36:01,740
closely resembled that UFO so that one

804
00:36:07,190 --> 00:36:05,009
flew away but nonetheless 37 years later

805
00:36:10,519 --> 00:36:07,200
ed Walters took a series of photographs

806
00:36:13,490 --> 00:36:10,529
over a period of some months at Gulf

807
00:36:16,339 --> 00:36:13,500
Breeze Florida these better quality but

808
00:36:19,460 --> 00:36:16,349
still fuzzy snaps were convincing too

809
00:36:22,069 --> 00:36:19,470
many money began to flow in and indeed

810
00:36:23,599 --> 00:36:22,079
so convincing were they to ed himself

811
00:36:24,710 --> 00:36:23,609
that he felt the need to make a

812
00:36:27,740 --> 00:36:24,720
completely Act

813
00:36:30,230 --> 00:36:27,750

it's scale model of the UFO and hide it

814

00:36:32,330 --> 00:36:30,240

in the Attic of his house a hoaxed

815

00:36:35,359 --> 00:36:32,340

picture is worth a thousand hoaxed words

816

00:36:37,700 --> 00:36:35,369

so the UFO stories with pictures were

817

00:36:40,099 --> 00:36:37,710

always the best received and believed

818

00:36:42,849 --> 00:36:40,109

but one by one the guilt-ridden

819

00:36:45,770 --> 00:36:42,859

photographers of the 1950s and 1960s

820

00:36:48,500 --> 00:36:45,780

owned up until finally there was only

821

00:36:51,920 --> 00:36:48,510

one photo left that had any credibility

822

00:36:56,180 --> 00:36:51,930

that taken by the 13-year old Steven

823

00:36:58,580 --> 00:36:56,190

Derbyshire in 1954 this showed a UFO of

824

00:37:01,910 --> 00:36:58,590

similar designed and proportions to

825

00:37:05,000 --> 00:37:01,920

George Adamski's hovering out of focus

826
00:37:08,750 --> 00:37:05,010
but neatly placed just above a hedge and

827
00:37:11,480 --> 00:37:08,760
again of an appalling quality but oh joy

828
00:37:14,359 --> 00:37:11,490
of joys this one was in Britain and thus

829
00:37:17,480 --> 00:37:14,369
better than the American ones it was

830
00:37:20,630 --> 00:37:17,490
widely claimed that a lad so young would

831
00:37:23,210 --> 00:37:20,640
not or could not tell Porky's about such

832
00:37:26,330 --> 00:37:23,220
a picture and for decades it commanded

833
00:37:28,099 --> 00:37:26,340
the respect of the UFO fans Derbyshire

834
00:37:31,520 --> 00:37:28,109
was even interviewed at Buckingham

835
00:37:34,609 --> 00:37:31,530
Palace yes he even deceived the Queen's

836
00:37:37,040 --> 00:37:34,619
husband sometimes a story gets so big

837
00:37:40,640 --> 00:37:37,050
you can't stop it but years later and

838
00:37:44,780 --> 00:37:40,650

after much stress he fessed up and this

839

00:37:47,930 --> 00:37:44,790

UFO flew away - most hoaxes were done

840

00:37:50,329 --> 00:37:47,940

quote just for a laugh unquote and got

841

00:37:53,060 --> 00:37:50,339

out of hand but some were cynical

842

00:37:56,450 --> 00:37:53,070

exploitation the most wonderful of these

843

00:38:00,950 --> 00:37:56,460

latter is the alien autopsy film bought

844

00:38:03,890 --> 00:38:00,960

in 1995 by Ray Santilli he also bought

845

00:38:05,960 --> 00:38:03,900

some still photographs but chose not to

846

00:38:10,160 --> 00:38:05,970

release those as they showed earthly

847

00:38:13,790 --> 00:38:10,170

detail better left fuzzy the alien body

848

00:38:16,910 --> 00:38:13,800

was made of rubber plus some meat parts

849

00:38:19,010 --> 00:38:16,920

supplied by CS Crosby wholesale butchers

850

00:38:22,280 --> 00:38:19,020

of Smithfield meat market

851
00:38:24,560 --> 00:38:22,290
they should have sponsored the film but

852
00:38:27,680 --> 00:38:24,570
usually its attention rather than money

853
00:38:30,500 --> 00:38:27,690
that is sought Mexico is awash with UFO

854
00:38:34,370 --> 00:38:30,510
videos from obscure people the dream

855
00:38:36,849 --> 00:38:34,380
based ninth planet and encounter Kelly

856
00:38:38,450 --> 00:38:36,859
Cahill stories made a few Bob and

857
00:38:41,930 --> 00:38:38,460
moreover the

858
00:38:45,020 --> 00:38:41,940
were Australian nowadays of course not

859
00:38:47,180 --> 00:38:45,030
only our cameras universally owned and

860
00:38:49,550 --> 00:38:47,190
carried about which has completely

861
00:38:52,250 --> 00:38:49,560
killed off the UFO stories but

862
00:38:54,280 --> 00:38:52,260
quadcopters and similar drones have also

863
00:38:57,020 --> 00:38:54,290

come well within amateur reach

864

00:39:04,140 --> 00:38:57,030

fortunately people are more aware than

865

00:39:10,150 --> 00:39:07,930

and that was flying the sorcery by Steve

866

00:39:13,390 --> 00:39:10,160

Roberts and you can read that for

867

00:39:15,640 --> 00:39:13,400

yourself in volume 34 number 4 of the

868

00:39:26,720 --> 00:39:15,650

skeptic magazine from December 2014 at

869

00:39:32,729 --> 00:39:29,870

[Music]

870

00:39:34,259 --> 00:39:32,739

are you tired of going out and not being

871

00:39:38,160 --> 00:39:34,269

able to find the kind of music that you

872

00:39:40,200 --> 00:39:38,170

like to dance - like that well you need

873

00:39:43,559 --> 00:39:40,210

to comes with Maynard slum shack at the

874

00:39:45,539 --> 00:39:43,569

red bar upstairs at 36 Lee Point Road in

875

00:39:47,370 --> 00:39:45,549

bleep in Sydney we'll be going crazy

876

00:40:00,059 --> 00:39:47,380

there as I've played the coda music you

877

00:40:01,440 --> 00:40:00,069

were to dance to stuff like you can

878

00:40:02,729 --> 00:40:01,450

always dance the card stuff you like

879

00:40:04,950 --> 00:40:02,739

then innit

880

00:40:07,170 --> 00:40:04,960

that's Maynard's Love Shack more details

881

00:40:10,799 --> 00:40:07,180

on the very very front page of Maynard

882

00:40:12,900 --> 00:40:10,809

calm dodo you can skeptics dance another

883

00:40:14,729 --> 00:40:12,910

can drink well can skeptics dance

884

00:40:16,910 --> 00:40:14,739

I don't know I'm full of incertitude

885

00:40:20,099 --> 00:40:16,920

what's that mean its orders right

886

00:40:23,459 --> 00:40:20,109

incertitude that's only rude finance

887

00:40:25,620 --> 00:40:23,469

Love Shack H midnight 36 upstairs at the

888

00:40:27,120 --> 00:40:25,630

red bar bleep light red and green see

889

00:40:32,579 --> 00:40:27,130

you there and look I might even play

890

00:40:33,180 --> 00:40:32,589

this to my Nance Love Shack sad a 4th of

891

00:40:41,609 --> 00:40:33,190

May

892

00:40:44,160 --> 00:40:41,619

see you there well we're here in the

893

00:40:45,779 --> 00:40:44,170

Madame frou frou cafe in glee Maynard

894

00:40:47,459 --> 00:40:45,789

what can you say well you have meaning

895

00:40:49,920 --> 00:40:47,469

for a while you've been overseas doing

896

00:40:51,690 --> 00:40:49,930

them really interesting skeptical things

897

00:40:52,019 --> 00:40:51,700

overseas but right now you're busy doing

898

00:40:54,630 --> 00:40:52,029

coffee

899

00:40:56,059 --> 00:40:54,640

I'm trying yes I've got a lovely Madame

900

00:40:59,400 --> 00:40:56,069

frou frou coffee in front of me and

901
00:41:02,660 --> 00:40:59,410
while I was away I heard your Love Shack

902
00:41:05,309 --> 00:41:02,670
night was a big success it was it was a

903
00:41:08,279 --> 00:41:05,319
roaring medium average success that is

904
00:41:09,329 --> 00:41:08,289
certainly true and I was a big day

905
00:41:10,920 --> 00:41:09,339
because had to set everything up there

906
00:41:12,539 --> 00:41:10,930
it's not usually a club that they DJ at

907
00:41:14,130 --> 00:41:12,549
so it was so good and we're doing it to

908
00:41:17,969 --> 00:41:14,140
get on the fourth which would be a lot

909
00:41:20,219 --> 00:41:17,979
of fun and and there's even a total for

910
00:41:22,049 --> 00:41:20,229
our recording of the night for our

911
00:41:24,029 --> 00:41:22,059
patreon Zone Lee of Planet mainland

912
00:41:25,140 --> 00:41:24,039
which which is basically the entire

913
00:41:26,670 --> 00:41:25,150

recording of the whole night which you

914

00:41:28,079 --> 00:41:26,680

can just listen to at home and we've had

915

00:41:30,209 --> 00:41:28,089

a few people including the midnight

916

00:41:31,530 --> 00:41:30,219

sceptic the watch of midnight see a

917

00:41:33,690 --> 00:41:31,540

night skeptic

918

00:41:36,360 --> 00:41:33,700

those days he's got his own show he's

919

00:41:38,040 --> 00:41:36,370

skeptical show and he said he liked it

920

00:41:40,080 --> 00:41:38,050

served the midnight sceptic likes it I

921

00:41:41,310 --> 00:41:40,090

don't know what that means I don't know

922

00:41:42,360 --> 00:41:41,320

what it means either but folks if you're

923

00:41:45,660 --> 00:41:42,370

in Sydney and you want to help support

924

00:41:47,250 --> 00:41:45,670

may nod because Maynard does podcast and

925

00:41:49,800 --> 00:41:47,260

he's also of course here on the sceptic

926
00:41:52,470 --> 00:41:49,810
zone why not go along to Maenads Love

927
00:41:55,380 --> 00:41:52,480
Shack number two on the 4th of May

928
00:41:57,570 --> 00:41:55,390
details and Maynard comdata you as out

929
00:42:06,470 --> 00:41:57,580
toast and muesli arrives

930
00:42:10,620 --> 00:42:08,940
thank you for listening to the skeptic

931
00:42:13,290 --> 00:42:10,630
CERN and another big thank you to all

932
00:42:15,150 --> 00:42:13,300
those people who contribute weekly or

933
00:42:17,760 --> 00:42:15,160
monthly or whatever the case may be are

934
00:42:21,600 --> 00:42:17,770
to the skeptic zone via patreon or

935
00:42:23,730 --> 00:42:21,610
PayPal at skeptic zone TV your

936
00:42:26,280 --> 00:42:23,740
contribution means the show keeps going

937
00:42:30,090 --> 00:42:26,290
you could say that this week's skeptic

938
00:42:31,800 --> 00:42:30,100

zone was brought to you by you the

939

00:42:33,660 --> 00:42:31,810

people who do contribute and for

940

00:42:35,850 --> 00:42:33,670

everybody else well there's the hint

941

00:42:36,930 --> 00:42:35,860

coming up on next week's show we're

942

00:42:39,690 --> 00:42:36,940

going to bring you an interview with

943

00:42:40,860 --> 00:42:39,700

Jessica singer Jessica a longtime

944

00:42:43,290 --> 00:42:40,870

committee member of the Australian

945

00:42:45,450 --> 00:42:43,300

skeptics here in Sydney recently went to

946

00:42:47,850 --> 00:42:45,460

the UK and went to skeptics in the pub

947

00:42:49,920 --> 00:42:47,860

in London she's going to be telling us

948

00:42:51,540 --> 00:42:49,930

about that and speaking of skeptics in

949

00:42:53,760 --> 00:42:51,550

the pub don't forget skeptics in the pub

950

00:42:57,690 --> 00:42:53,770

in Sydney first Thursday of the month

951
00:43:00,060 --> 00:42:57,700
and next month are we on the second yes

952
00:43:04,350 --> 00:43:00,070
I think it's the 2nd of May there'll be

953
00:43:07,650 --> 00:43:04,360
a talk by a surfing scientist dr. rip as

954
00:43:10,230 --> 00:43:07,660
he's known Rob branda rob branda is a

955
00:43:12,570 --> 00:43:10,240
professor and surf scientist in the

956
00:43:14,850 --> 00:43:12,580
school of biological earth and

957
00:43:17,580 --> 00:43:14,860
environmental sciences at the University

958
00:43:20,070 --> 00:43:17,590
of New South Wales he's also known as

959
00:43:21,570 --> 00:43:20,080
dr. rip now that's going to be an

960
00:43:23,910 --> 00:43:21,580
interesting night I should be there with

961
00:43:26,070 --> 00:43:23,920
my microphone and main art as well to do

962
00:43:28,620 --> 00:43:26,080
interviews as normal and just a couple

963
00:43:30,960 --> 00:43:28,630

of days after that we have the

964

00:43:32,610 --> 00:43:30,970

Australian sceptics vaccination clinic

965

00:43:35,670 --> 00:43:32,620

here in Sydney more information at

966

00:43:38,040 --> 00:43:35,680

skeptics kaamdar you and after the

967

00:43:40,860 --> 00:43:38,050

vaccination clinic that evening we have

968

00:43:42,930 --> 00:43:40,870

Maynard's Love Shack number 2 may not of

969

00:43:44,400 --> 00:43:42,940

course one of the top deejays in Sydney

970

00:43:47,700 --> 00:43:44,410

and if you'd like to support Maynard

971

00:43:49,080 --> 00:43:47,710

then head along to Love Shack number two

972

00:43:51,360 --> 00:43:49,090

I'll see you there

973

00:43:54,900 --> 00:43:51,370

but for this week with those funny birds

974

00:43:57,090 --> 00:43:54,910

now flown away outside the window isn't

975

00:43:59,430 --> 00:43:57,100

that isn't that typical or maybe that's

976
00:44:01,500 --> 00:43:59,440
confirmation bias of course you hear

977
00:44:02,940 --> 00:44:01,510
planes and loud birds when you're trying

978
00:44:05,940 --> 00:44:02,950
to do something but as soon as you want

979
00:44:07,560 --> 00:44:05,950
to hear them they go away I'm gonna

980
00:44:09,870 --> 00:44:07,570
ponder that all week but for this week

981
00:44:14,500 --> 00:44:09,880
this is Richard Saunders signing off

982
00:44:20,710 --> 00:44:17,000
you've been listening to the skeptic

983
00:44:25,700 --> 00:44:20,720
zone podcast please visit our website at

984
00:44:28,520 --> 00:44:25,710
WWDC be for show notes contacts and to

985
00:44:32,120 --> 00:44:28,530
access the bat catalog of episodes going

986
00:44:34,960 --> 00:44:32,130
back to 2008 you can follow the skeptic

987
00:44:37,700 --> 00:44:34,970
zone podcast on twitter at skeptic zone

988
00:44:39,220 --> 00:44:37,710

visit our facebook page or leave a

989

00:44:41,930 --> 00:44:39,230

review on itunes

990

00:44:45,290 --> 00:44:41,940

you can also support the skeptic zone

991

00:44:48,010 --> 00:44:45,300

via patreon or PayPal the skeptic zone

992

00:44:50,390 --> 00:44:48,020

podcast is an independent production

993

00:44:52,520 --> 00:44:50,400

reviews and opinions expressed on the

994

00:44:54,890 --> 00:44:52,530

skeptic zone are not necessarily those

995

00:44:56,670 --> 00:44:54,900

of Australian skeptics or any other