

Show 504

THE
**SKEPTIC
ZONE**
PODCAST

17 June 2018

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Yvette d'Entremont
& Richard Saunders



The Skeptic Zone Podcast
Show 504 - 17 June 2018

SCIENCE

Hunting for BigFoot

Interview with Yvette d'Entremont

Skeptics in the Pub USA

News on "Science Friction"
the Feature Movie by
Brian Dunning

1
00:00:06,320 --> 00:00:05,090
I've come to Oregon yeah I don't know I

2
00:00:08,600 --> 00:00:06,330
don't like the looks of the way that

3
00:00:10,490 --> 00:00:08,610
there's big rain clouds over there I'm

4
00:00:13,400 --> 00:00:10,500
in the middle of the Oregon forest here

5
00:00:15,680 --> 00:00:13,410
just by this so many trees so many pine

6
00:00:17,960 --> 00:00:15,690
trees and brush it's getting a bit thick

7
00:00:20,570 --> 00:00:17,970
now they told me this is the place to

8
00:00:22,759 --> 00:00:20,580
look so many pine cones at the place

9
00:00:24,380 --> 00:00:22,769
that I can look for Bigfoot if the

10
00:00:27,410 --> 00:00:24,390
Bigfoots anywhere it's going to be in

11
00:00:29,750 --> 00:00:27,420
this heavily wooded area I'm just near a

12
00:00:32,749 --> 00:00:29,760
crop of rocks trying to make my right

13
00:00:34,430 --> 00:00:32,759

way through this little stand of rocks

14

00:00:37,490 --> 00:00:34,440

over there in the distance I'm just

15

00:00:40,250 --> 00:00:37,500

hiding down looking down behind it's

16

00:00:42,229 --> 00:00:40,260

very windy now I can't quite ah

17

00:00:45,010 --> 00:00:42,239

that wind is cold I can't quite see

18

00:00:52,209 --> 00:00:45,020

clearly through the trees I think them I

19

00:00:59,500 --> 00:00:55,549

there's something in the distance using

20

00:01:01,430 --> 00:00:59,510

a log to whack a tree what the hell oh

21

00:01:03,470 --> 00:01:01,440

now I'm actually crouched down behind

22

00:01:08,510 --> 00:01:03,480

this tray now I can't quite see what's

23

00:01:09,350 --> 00:01:08,520

going on it's coming towards me I'm

24

00:01:12,350 --> 00:01:09,360

gonna be very quiet

25

00:01:21,890 --> 00:01:12,360

I can hear can't quite see it's getting

26

00:01:24,710 --> 00:01:21,900

a bit dark what you're listening to

27

00:01:27,330 --> 00:01:24,720

skeptoid I'm Brian Dunning from skeptoid

28

00:01:32,350 --> 00:01:27,340

calm

29

00:01:35,440 --> 00:01:32,360

[Music]

30

00:01:38,200 --> 00:01:35,450

welcome to the skeptic zone the podcast

31

00:01:48,540 --> 00:01:38,210

from Australia for science and reason

32

00:01:51,070 --> 00:01:48,550

[Music]

33

00:01:54,730 --> 00:01:51,080

yes it's the skeptic zone podcast

34

00:01:58,000 --> 00:01:54,740

episode number 504 for the 17th of June

35

00:02:00,280 --> 00:01:58,010

2018 Richardson is here with you coming

36

00:02:03,850 --> 00:02:00,290

this week from bend in the state of

37

00:02:07,420 --> 00:02:03,860

Oregon my first time in this part of the

38

00:02:10,450 --> 00:02:07,430

world and it is just beautiful lovely

39

00:02:11,680 --> 00:02:10,460

countryside pine trees rolling hills

40

00:02:14,590 --> 00:02:11,690

with mountains in the background

41

00:02:17,890 --> 00:02:14,600

snow-capped mountains and the little

42

00:02:18,580 --> 00:02:17,900

city of Bend town of Bend is just

43

00:02:21,340 --> 00:02:18,590

wonderful

44

00:02:23,110 --> 00:02:21,350

breweries everywhere I'm here as the

45

00:02:26,710 --> 00:02:23,120

guest of my good friend Brian Dunning

46

00:02:29,950 --> 00:02:26,720

and Monday night here in Oregon in Bend

47

00:02:33,040 --> 00:02:29,960

I'll be giving a talk about being a TV

48

00:02:35,470 --> 00:02:33,050

skeptic and testing paranormal claims

49

00:02:39,100 --> 00:02:35,480

and will even have a ward the divining

50

00:02:41,470 --> 00:02:39,110

demonstration if you are in the area or

51
00:02:43,660 --> 00:02:41,480
if you know somebody who lives in Oregon

52
00:02:46,480 --> 00:02:43,670
and could possibly make it to the Bend

53
00:02:49,870 --> 00:02:46,490
area on Monday night direct them to

54
00:02:52,990 --> 00:02:49,880
skeptical zone TV for the link it's going

55
00:02:55,300 --> 00:02:53,000
to be at Pappy's pizzeria Monday night

56
00:02:57,280 --> 00:02:55,310
and if you can come along I'd really

57
00:02:59,170 --> 00:02:57,290
look forward to seeing you but what's

58
00:03:01,600 --> 00:02:59,180
coming up on this week's show well as

59
00:03:03,130 --> 00:03:01,610
you already heard we we sort of went

60
00:03:04,810 --> 00:03:03,140
looking for Bigfoot but I only found

61
00:03:07,810 --> 00:03:04,820
Brian Dunning trumping through the

62
00:03:12,550 --> 00:03:07,820
forest later on Brian and I will visit a

63
00:03:16,020 --> 00:03:12,560

lava tube cave and explore that Brian's

64

00:03:19,120 --> 00:03:16,030

going to tell us about his latest film

65

00:03:22,750 --> 00:03:19,130

science fiction what that's all about

66

00:03:24,820 --> 00:03:22,760

and more about Bigfoot well the

67

00:03:27,550 --> 00:03:24,830

possibility of Bigfoot in the general

68

00:03:29,590 --> 00:03:27,560

area but before that we have an

69

00:03:33,070 --> 00:03:29,600

interview with Yvette Don three-month

70

00:03:35,860 --> 00:03:33,080

also known as the sigh babe and her

71

00:03:39,610 --> 00:03:35,870

interest at the moment is all about food

72

00:03:42,190 --> 00:03:39,620

myths she was a speaker at skeptic al in

73

00:03:45,100 --> 00:03:42,200

Berkeley and I was very lucky enough to

74

00:03:47,440 --> 00:03:45,110

also be part of the fun of skeptical the

75

00:03:50,380 --> 00:03:47,450

1-day skeptical conference and it was

76

00:03:53,590 --> 00:03:50,390

just horrific top line speakers well

77

00:03:55,379 --> 00:03:53,600

attended well spaced through the day

78

00:03:58,130 --> 00:03:55,389

people had plenty of time to talk to

79

00:04:00,260 --> 00:03:58,140

speakers and other skeptics Congrats

80

00:04:02,449 --> 00:04:00,270

relations to the organizers of skeptical

81

00:04:05,240 --> 00:04:02,459

and if you have the chance to go to

82

00:04:08,260 --> 00:04:05,250

skeptical in 2019 I can really recommend

83

00:04:11,390 --> 00:04:08,270

it it's just a really good one-day

84

00:04:15,590 --> 00:04:11,400

skeptical conference after my interview

85

00:04:17,930 --> 00:04:15,600

with the psy babe I bring you a report

86

00:04:19,759 --> 00:04:17,940

from the local skeptics in the pub which

87

00:04:22,099 --> 00:04:19,769

was held the night before skeptical

88

00:04:23,750 --> 00:04:22,109

where I run into my old friend susan

89

00:04:27,350 --> 00:04:23,760

gerbic from guerrilla skepticism on

90

00:04:29,510 --> 00:04:27,360

Wikipedia and I hope I hope this gives

91

00:04:31,580 --> 00:04:29,520

you a little flavor a little idea of

92

00:04:33,860 --> 00:04:31,590

what fun skeptics in the pub can be

93

00:04:37,310 --> 00:04:33,870

normally on the sceptic zone you hear

94

00:04:38,659 --> 00:04:37,320

from Sydney skeptics in the pub with

95

00:04:40,730 --> 00:04:38,669

Maynard running around

96

00:04:43,970 --> 00:04:40,740

well skeptics in the pub in Berkeley was

97

00:04:46,970 --> 00:04:43,980

just as much fun lots of good company

98

00:04:47,810 --> 00:04:46,980

nice people to meet and I can really

99

00:04:50,300 --> 00:04:47,820

recommend it

100

00:04:52,310 --> 00:04:50,310

skeptics in the pub is a good social

101
00:04:54,110 --> 00:04:52,320
opportunity and a good chance to meet

102
00:04:55,700 --> 00:04:54,120
other skeptics now I'd like to give a

103
00:04:57,200 --> 00:04:55,710
shout out to my friend Sharon Hill who

104
00:04:59,870 --> 00:04:57,210
travel all the way to Australia to

105
00:05:02,780 --> 00:04:59,880
attend Paracon Australia's paranormal

106
00:05:05,870 --> 00:05:02,790
conference only to have sadly with days

107
00:05:08,000 --> 00:05:05,880
to go the conference cancelled very

108
00:05:11,330 --> 00:05:08,010
disappointing for all concerned I'm sure

109
00:05:12,650 --> 00:05:11,340
sorry about that Sharon I'm sure sorry

110
00:05:14,630 --> 00:05:12,660
that happened to you and everybody who's

111
00:05:17,360 --> 00:05:14,640
looking forward to Paracon I know

112
00:05:18,710 --> 00:05:17,370
Maynard was particularly looking forward

113
00:05:21,170 --> 00:05:18,720

to going there and interviewing lots of

114

00:05:24,050 --> 00:05:21,180

interesting people to bring it to you

115

00:05:27,920 --> 00:05:24,060

for the sceptic zone however due to and

116

00:05:31,100 --> 00:05:27,930

this is no joke as reported on one

117

00:05:33,020 --> 00:05:31,110

website of ghost hunters they said

118

00:05:34,400 --> 00:05:33,030

unfortunately the Paracon Australia

119

00:05:37,190 --> 00:05:34,410

event has been cancelled due to

120

00:05:38,870 --> 00:05:37,200

unforeseen circumstances yes I know

121

00:05:41,029 --> 00:05:38,880

that's an old joke about psychics

122

00:05:42,830 --> 00:05:41,039

cancelling their convention nevertheless

123

00:05:44,390 --> 00:05:42,840

not a good thing really not a good thing

124

00:05:46,159 --> 00:05:44,400

I think it would have been good for

125

00:05:48,440 --> 00:05:46,169

skeptics and other people to go along to

126
00:05:51,140 --> 00:05:48,450
that to them see what the believers had

127
00:05:51,800 --> 00:05:51,150
to say well now it's time for me to run

128
00:05:54,980 --> 00:05:51,810
downstairs

129
00:05:57,969 --> 00:05:54,990
run out the door drive to one of the

130
00:06:01,070 --> 00:05:57,979
local craft breweries and enjoy a quick

131
00:06:03,620 --> 00:06:01,080
pint of Pilsner or one of the local

132
00:06:05,200 --> 00:06:03,630
brews rice back in time for the rest of

133
00:06:21,880 --> 00:06:05,210
the sceptic zone

134
00:06:25,700 --> 00:06:24,110
everything is killing you I'm sorry to

135
00:06:28,490 --> 00:06:25,710
be the one to tell you this folks that

136
00:06:31,220 --> 00:06:28,500
everything apparently is killing you I'm

137
00:06:34,010 --> 00:06:31,230
with Yvette document also known as this

138
00:06:35,690 --> 00:06:34,020

sigh baby pillow hello thank you for

139

00:06:37,670 --> 00:06:35,700

having me on your phone with the

140

00:06:41,060 --> 00:06:37,680

microphone on it it's a phone with a

141

00:06:42,440 --> 00:06:41,070

microphone it's I'm we're having this

142

00:06:44,420 --> 00:06:42,450

chat right outside of the conference

143

00:06:46,130 --> 00:06:44,430

we're at so it took fun with a fuzzy

144

00:06:48,440 --> 00:06:46,140

little microphone on it and I'm enjoying

145

00:06:50,930 --> 00:06:48,450

this it's my field microphone which is

146

00:06:52,550 --> 00:06:50,940

my phone it's always say as I as I

147

00:06:55,400 --> 00:06:52,560

couldn't be in Australia for this this

148

00:06:59,120 --> 00:06:55,410

works out it does we are literally on

149

00:07:01,970 --> 00:06:59,130

the sidewalk here outside sigh not cycle

150

00:07:04,490 --> 00:07:01,980

skip decal and we're we're in lovely

151
00:07:06,620 --> 00:07:04,500
Berkeley California is it's as I like to

152
00:07:07,990 --> 00:07:06,630
call it just as expensive as as San

153
00:07:10,040 --> 00:07:08,000
Francisco Oakland

154
00:07:13,100 --> 00:07:10,050
it's the expensive little part of the

155
00:07:14,690 --> 00:07:13,110
neighborhood so that's it's it's New

156
00:07:17,900 --> 00:07:14,700
York where it we're loaded with kale

157
00:07:20,480 --> 00:07:17,910
here loaded with kale prebiotics and

158
00:07:22,160 --> 00:07:20,490
kombucha that's that's Berkeley for you

159
00:07:23,840 --> 00:07:22,170
well that reminds me and I've made some

160
00:07:25,190 --> 00:07:23,850
notes about your talk here look at look

161
00:07:28,790 --> 00:07:25,200
at this list of notes

162
00:07:32,510 --> 00:07:28,800
we've got coconuts detox and then we

163
00:07:35,810 --> 00:07:32,520

talked about kale salmon GMOs goji

164

00:07:38,090 --> 00:07:35,820

berries chia seeds avocados you cover a

165

00:07:40,640 --> 00:07:38,100

lot of things in your talk and you tell

166

00:07:41,690 --> 00:07:40,650

us how there are they're all killing it

167

00:07:43,280 --> 00:07:41,700

all they're the best things even

168

00:07:44,780 --> 00:07:43,290

possibly have right and here's the thing

169

00:07:46,460 --> 00:07:44,790

about and mother talk was called

170

00:07:48,470 --> 00:07:46,470

everything is killing you a marketing

171

00:07:50,990 --> 00:07:48,480

guide to bad science and normally I

172

00:07:53,300 --> 00:07:51,000

teach people how to debunk and today I

173

00:07:56,150 --> 00:07:53,310

kind of flipped that on its head and I

174

00:07:58,790 --> 00:07:56,160

went as earnest as possible while

175

00:08:01,520 --> 00:07:58,800

telling people I'm gonna teach you the

176

00:08:03,620 --> 00:08:01,530

secrets of all the people who sell the

177

00:08:05,240 --> 00:08:03,630

things that we don't that we don't

178

00:08:07,820 --> 00:08:05,250

approve of or the see you know it's and

179

00:08:08,810 --> 00:08:07,830

it was it was a very fun different take

180

00:08:10,880 --> 00:08:08,820

on the type of stuff that I normally

181

00:08:12,710 --> 00:08:10,890

talk about like at first I took all of

182

00:08:15,080 --> 00:08:12,720

the super foods and showed you know

183

00:08:18,020 --> 00:08:15,090

they're wonderful if you take Kalin's

184

00:08:19,850 --> 00:08:18,030

on cancer it'll kill the cancer and then

185

00:08:21,620 --> 00:08:19,860

talked about how K and then muna flipped

186

00:08:23,480 --> 00:08:21,630

it and was like what are you sure kale

187

00:08:25,520 --> 00:08:23,490

is good for you kale can cause hyper

188

00:08:29,000 --> 00:08:25,530

thyroid you know just went through all

189

00:08:30,980 --> 00:08:29,010

of this with kale with chia seeds chia

190

00:08:33,500 --> 00:08:30,990

seeds can clog your esophagus this is

191

00:08:37,240 --> 00:08:33,510

sent a man to the hospital goji berry

192

00:08:39,709 --> 00:08:37,250

same amount of sugar a lot of sugar

193

00:08:41,329 --> 00:08:39,719

which made me realize servers are a

194

00:08:42,890 --> 00:08:41,339

health food no stuff for our

195

00:08:44,630 --> 00:08:42,900

international audience especially in

196

00:08:48,380 --> 00:08:44,640

Australia I don't know if we have them

197

00:08:50,450 --> 00:08:48,390

it's a little square candy wrappers

198

00:08:53,540 --> 00:08:50,460

every like tiny little paper wrappers

199

00:08:55,220 --> 00:08:53,550

going every wish I know the goji berries

200

00:08:57,920 --> 00:08:55,230

have been a fad in Australia for a while

201
00:08:59,210 --> 00:08:57,930
I would think I would say that you know

202
00:09:00,650 --> 00:08:59,220
if you don't have starburst sir

203
00:09:02,810 --> 00:09:00,660
I could've swore that I bought starburst

204
00:09:04,490 --> 00:09:02,820
but I was oh you might have I mean I'm

205
00:09:06,050 --> 00:09:04,500
sure people know what we mean we say a

206
00:09:07,550 --> 00:09:06,060
little lollies or a little candy yeah

207
00:09:08,900 --> 00:09:07,560
it's like if you look at 100 grams of

208
00:09:10,670 --> 00:09:08,910
say skittles because they're very

209
00:09:12,170 --> 00:09:10,680
similar calorically hundred grams of

210
00:09:14,240 --> 00:09:12,180
skittles we'll have about the same

211
00:09:16,519 --> 00:09:14,250
amount of sugar as a hundred grams of

212
00:09:18,230 --> 00:09:16,529
those dried goji berries that I mean

213
00:09:19,579 --> 00:09:18,240

they're tasty that's what you said and

214

00:09:21,560 --> 00:09:19,589

you talk but they taste greater they

215

00:09:23,930 --> 00:09:21,570

taste great they have all and they do

216

00:09:27,880 --> 00:09:23,940

have a lot of vitamins in them but like

217

00:09:30,530 --> 00:09:27,890

they have they they're not calorie free

218

00:09:31,730 --> 00:09:30,540

just because I have vitamins doesn't

219

00:09:33,560 --> 00:09:31,740

mean that they're not going to

220

00:09:35,690 --> 00:09:33,570

eventually add up we have to remember

221

00:09:38,120 --> 00:09:35,700

that where did this you might know it

222

00:09:40,700 --> 00:09:38,130

this term superfoods come from and what

223

00:09:42,680 --> 00:09:40,710

and is this some marketing genius

224

00:09:45,150 --> 00:09:42,690

thought this one up it's I'm not sure if

225

00:09:47,620 --> 00:09:45,160

I would call David avocado Wolfe

226

00:09:50,110 --> 00:09:47,630

it's you know what you I don't know if

227

00:09:52,510 --> 00:09:50,120

he came up with it I think I think the

228

00:09:54,520 --> 00:09:52,520

original source might have been and as I

229

00:09:56,710 --> 00:09:54,530

like to tell people please fact-check me

230

00:09:59,500 --> 00:09:56,720

because putting somebody in the audience

231

00:10:00,850 --> 00:09:59,510

he said that fact-check I think I might

232

00:10:04,950 --> 00:10:00,860

have started up with Prevention magazine

233

00:10:08,290 --> 00:10:04,960

because they are really good you know

234

00:10:09,220 --> 00:10:08,300

source they're not source there is that

235

00:10:13,000 --> 00:10:09,230

they're not a good source they are a

236

00:10:15,880 --> 00:10:13,010

good like like ground zero of a lot of

237

00:10:18,610 --> 00:10:15,890

BS so it might have been with prevention

238

00:10:21,490 --> 00:10:18,620

but one of the bigger popularizers of it

239

00:10:24,010 --> 00:10:21,500

was David avocado Wolfe who presented

240

00:10:25,270 --> 00:10:24,020

himself as an expert on super foods and

241

00:10:26,890 --> 00:10:25,280

tried saying if you want you know if you

242

00:10:29,560 --> 00:10:26,900

want to relive a long time and he talks

243

00:10:31,450 --> 00:10:29,570

about he talks about being a longevity

244

00:10:32,950 --> 00:10:31,460

expert and you know if you want to live

245

00:10:35,320 --> 00:10:32,960

that long life you have to eat a lot of

246

00:10:38,560 --> 00:10:35,330

superfoods that are not defined by

247

00:10:40,890 --> 00:10:38,570

science at all there's no like there's

248

00:10:43,180 --> 00:10:40,900

no cutoff for amount of you know

249

00:10:45,070 --> 00:10:43,190

nutrient per calorie that makes

250

00:10:46,510 --> 00:10:45,080

something a superfood it's just like

251
00:10:49,270 --> 00:10:46,520
I've seen an Apple defined as a

252
00:10:51,040 --> 00:10:49,280
superfood and a list and an oatmeal to

253
00:10:53,280 --> 00:10:51,050
find it it's like depending on the list

254
00:10:55,990 --> 00:10:53,290
different foods are on there there is no

255
00:10:58,300 --> 00:10:56,000
caloric definition there's no vitamin

256
00:11:00,580 --> 00:10:58,310
content definition there's no definition

257
00:11:02,380 --> 00:11:00,590
by what food group I if it's vegan or

258
00:11:04,240 --> 00:11:02,390
anybody can call something a superfood

259
00:11:07,950 --> 00:11:04,250
right so yeah well this is a superfood

260
00:11:11,200 --> 00:11:07,960
as certified by an by internet blogger

261
00:11:13,750 --> 00:11:11,210
blogger by mom I don't want to

262
00:11:16,330 --> 00:11:13,760
accidentally name of something that is a

263
00:11:20,590 --> 00:11:16,340

mommy blogger but my mommy blogger you

264

00:11:23,380 --> 00:11:20,600

know of Madison rainbow when the average

265

00:11:24,670 --> 00:11:23,390

person on the net or buying something or

266

00:11:27,760 --> 00:11:24,680

concerned about their health here's

267

00:11:30,940 --> 00:11:27,770

something like X Y Zed berry oh and it's

268

00:11:32,730 --> 00:11:30,950

a superfood oh I'll get that it's a

269

00:11:35,230 --> 00:11:32,740

superfood it's and I mean it allows

270

00:11:37,450 --> 00:11:35,240

because suddenly that a man goes up for

271

00:11:40,230 --> 00:11:37,460

it it prompts I don't know if it a lot

272

00:11:42,280 --> 00:11:40,240

if it does in a lot of cases prompt

273

00:11:44,830 --> 00:11:42,290

retailers to out of the prices because

274

00:11:46,780 --> 00:11:44,840

suddenly the demand is higher so why

275

00:11:49,420 --> 00:11:46,790

wouldn't you charge a little bit more I

276

00:11:50,660 --> 00:11:49,430

mean we've seen the cost of kale go up

277

00:11:53,120 --> 00:11:50,670

quite a bit I will

278

00:11:55,160 --> 00:11:53,130

by 30% in the last couple of years and I

279

00:11:56,660 --> 00:11:55,170

mean it's gone up you know more in quite

280

00:11:57,470 --> 00:11:56,670

a bit more than the cost of inflation is

281

00:11:59,690 --> 00:11:57,480

because kale

282

00:12:03,800 --> 00:11:59,700

like I said sprinkle it on cancer it's

283

00:12:06,740 --> 00:12:03,810

gonna get rid of your cancer and tumeric

284

00:12:08,060 --> 00:12:06,750

big here too oh yeah turmeric is a it's

285

00:12:10,220 --> 00:12:08,070

definitely become a thing that people

286

00:12:11,750 --> 00:12:10,230

are may I forgot to put tumeric in my

287

00:12:14,210 --> 00:12:11,760

talk I'm adding that in for next time

288

00:12:16,400 --> 00:12:14,220

but to working radio and drugs but

289

00:12:17,900 --> 00:12:16,410

that's big back in Australia yeah it is

290

00:12:19,880 --> 00:12:17,910

definitely getting big here too I know

291

00:12:22,120 --> 00:12:19,890

somebody who after and this is probably

292

00:12:24,470 --> 00:12:22,130

why he's still a little a little learner

293

00:12:26,660 --> 00:12:24,480

he I know somebody who was in a crazy

294

00:12:28,910 --> 00:12:26,670

horrible car accident who afterwards

295

00:12:33,230 --> 00:12:28,920

decided to treat it with large amounts

296

00:12:36,040 --> 00:12:33,240

of turmeric and marijuana and he you

297

00:12:38,660 --> 00:12:36,050

know it sounds like he had a great time

298

00:12:40,490 --> 00:12:38,670

you know I'm not gonna tell you not to

299

00:12:43,430 --> 00:12:40,500

take a ton of pot when you're in

300

00:12:47,630 --> 00:12:43,440

miserable pain and you don't have to end

301
00:12:49,580 --> 00:12:47,640
you don't have to drive anywhere but you

302
00:12:51,980 --> 00:12:49,590
know it's not gonna cure a brain bleed

303
00:12:53,870 --> 00:12:51,990
and it's our literary phrases at this

304
00:12:56,150 --> 00:12:53,880
point we have no evidence this has these

305
00:12:58,280 --> 00:12:56,160
things cure brain bleeds and really it's

306
00:13:01,880 --> 00:12:58,290
really unfortunate that this person has

307
00:13:05,150 --> 00:13:01,890
not fully healed because he took this

308
00:13:09,020 --> 00:13:05,160
evident every took this this scanned

309
00:13:10,580 --> 00:13:09,030
evidence as proof that this worked and B

310
00:13:13,370 --> 00:13:10,590
it was because he was very distrustful

311
00:13:15,200 --> 00:13:13,380
of modern medicine so and when I mean

312
00:13:16,880 --> 00:13:15,210
that's really why we do the types of

313
00:13:19,790 --> 00:13:16,890

things we do is we see people getting

314

00:13:22,220 --> 00:13:19,800

hurt by by you know false hope and by

315

00:13:24,860 --> 00:13:22,230

empty promises and by fear really a lot

316

00:13:27,440 --> 00:13:24,870

of fear of the modern medical system and

317

00:13:30,590 --> 00:13:27,450

yeah the modern medical system screws up

318

00:13:32,690 --> 00:13:30,600

its it would be silly to deny that but

319

00:13:34,420 --> 00:13:32,700

looking at the amount of screw-ups

320

00:13:36,980 --> 00:13:34,430

versus the amount of people they save

321

00:13:38,570 --> 00:13:36,990

and then comparing that to alternative

322

00:13:40,100 --> 00:13:38,580

medicine and the amount of screw-ups

323

00:13:42,200 --> 00:13:40,110

versus the amount of people alternative

324

00:13:44,870 --> 00:13:42,210

medicine saves we have a much better

325

00:13:46,970 --> 00:13:44,880

record of saving people with the stuff

326

00:13:48,980 --> 00:13:46,980

from Pfizer not know that's not an

327

00:13:51,530 --> 00:13:48,990

endorsement of Pfizer just to clarify

328

00:13:53,210 --> 00:13:51,540

yeah and I agree with you entirely we're

329

00:13:54,320 --> 00:13:53,220

not we're not promoting a certain drug

330

00:13:56,390 --> 00:13:54,330

company or anything like that we're just

331

00:13:58,890 --> 00:13:56,400

saying that the the scientific approach

332

00:14:00,690 --> 00:13:58,900

has a better track record

333

00:14:03,780 --> 00:14:00,700

it's an amine not perfect but better

334

00:14:05,220 --> 00:14:03,790

it's we have it's a good way to extract

335

00:14:07,440 --> 00:14:05,230

information there are a couple different

336

00:14:09,090 --> 00:14:07,450

ways that I've seen it fail one is we're

337

00:14:12,390 --> 00:14:09,100

always trying to figure out a single

338

00:14:14,250 --> 00:14:12,400

variable in science and sometimes it's

339

00:14:17,280 --> 00:14:14,260

hard to you know and things like

340

00:14:19,380 --> 00:14:17,290

nutrition it's hard to figure out which

341

00:14:21,690 --> 00:14:19,390

variable is you know hitting the

342

00:14:23,790 --> 00:14:21,700

mousetrap and making the you know making

343

00:14:25,980 --> 00:14:23,800

the maze go forward but it's like that's

344

00:14:27,150 --> 00:14:25,990

the that's I think the hardest part in

345

00:14:28,950 --> 00:14:27,160

nutrition studies because that's one of

346

00:14:31,560 --> 00:14:28,960

the things I write about a lot is

347

00:14:34,410 --> 00:14:31,570

sussing out which one variable is

348

00:14:36,330 --> 00:14:34,420

causing you either the disease or the

349

00:14:38,880 --> 00:14:36,340

weight gain or the you know whatever

350

00:14:40,560 --> 00:14:38,890

you're trying to to define or scare

351
00:14:42,720 --> 00:14:40,570
people about if you're using bad

352
00:14:44,280 --> 00:14:42,730
medicine and that's you know that's kind

353
00:14:45,600 --> 00:14:44,290
of not one of the failings of a

354
00:14:47,400 --> 00:14:45,610
scientific process but there's one of

355
00:14:49,440 --> 00:14:47,410
the difficulties is making sure that

356
00:14:51,660 --> 00:14:49,450
you're doing that the experimental

357
00:14:53,490 --> 00:14:51,670
design is accurate and when there have

358
00:14:55,580 --> 00:14:53,500
been people who have put out shall we

359
00:14:59,100 --> 00:14:55,590
say less than reputable studies like

360
00:15:00,720 --> 00:14:59,110
like seralini for GMOs and you know the

361
00:15:02,340 --> 00:15:00,730
occasional study says this is the only

362
00:15:05,430 --> 00:15:02,350
nutrient that's causing you to gain

363
00:15:08,100 --> 00:15:05,440

weight there they're generally tend to

364

00:15:10,950 --> 00:15:08,110

be variables missing or the studies were

365

00:15:12,300 --> 00:15:10,960

designed to show what people wanted them

366

00:15:14,280 --> 00:15:12,310

to show and they haven't been able to be

367

00:15:15,900 --> 00:15:14,290

replicated so you know we need to look

368

00:15:18,900 --> 00:15:15,910

at studies that can be replicated we

369

00:15:20,460 --> 00:15:18,910

need to look for biases in our work and

370

00:15:23,540 --> 00:15:20,470

that's kind of a way to keep you know

371

00:15:26,010 --> 00:15:23,550

making science better on a ongoing basis

372

00:15:27,780 --> 00:15:26,020

point you bring out about scaring people

373

00:15:29,550 --> 00:15:27,790

it came up again and again during your

374

00:15:33,240 --> 00:15:29,560

talk oh yeah because all the memes you

375

00:15:35,850 --> 00:15:33,250

came up are scary they're horrifying and

376

00:15:38,100 --> 00:15:35,860

you mention GMOs I think that's one of

377

00:15:41,220 --> 00:15:38,110

the biggest ones people put up scares

378

00:15:44,550 --> 00:15:41,230

about and also you talked about Diet

379

00:15:46,320 --> 00:15:44,560

Coke and even even ice water it's there

380

00:15:47,970 --> 00:15:46,330

is nothing that you and I mean I was

381

00:15:49,770 --> 00:15:47,980

really surprised at all the different

382

00:15:51,270 --> 00:15:49,780

things that I found online telling me

383

00:15:52,470 --> 00:15:51,280

that different types of water were

384

00:15:55,800 --> 00:15:52,480

killing you that was the biggest

385

00:15:57,630 --> 00:15:55,810

surprise while I was researching this I

386

00:15:59,820 --> 00:15:57,640

didn't expect so many different

387

00:16:02,730 --> 00:15:59,830

instructions on what type of water was

388

00:16:04,350 --> 00:16:02,740

killing you like it was you can't drink

389

00:16:05,850 --> 00:16:04,360

cold water cantering hot water can't

390

00:16:07,170 --> 00:16:05,860

drink water with a meal can't drink

391

00:16:07,730 --> 00:16:07,180

water first thing in the morning can't

392

00:16:09,740 --> 00:16:07,740

drink water

393

00:16:11,960 --> 00:16:09,750

late at night cantering hot water

394

00:16:14,600 --> 00:16:11,970

straight from the tap can't treat cold

395

00:16:17,660 --> 00:16:14,610

water if I was like so we're basically

396

00:16:20,630 --> 00:16:17,670

down to organic gin and cigarettes

397

00:16:22,460 --> 00:16:20,640

that's all you have left but it's there

398

00:16:24,230 --> 00:16:22,470

is this thing where you know say you

399

00:16:26,930 --> 00:16:24,240

hear and I mean I think that just have a

400

00:16:30,200 --> 00:16:26,940

lot of bad information spreads say you

401
00:16:31,580 --> 00:16:30,210
hear you know from one of your friends

402
00:16:33,410 --> 00:16:31,590
on the internet or you get that forward

403
00:16:35,600 --> 00:16:33,420
from aunt Gayle it's always someone's

404
00:16:37,250 --> 00:16:35,610
aunt Gayle it's never anything but why

405
00:16:39,110 --> 00:16:37,260
does everyone have an aunt Gayle

406
00:16:41,240 --> 00:16:39,120
but somehow you get that forward for

407
00:16:42,680 --> 00:16:41,250
Montt Gayle saying you know the X Y or Z

408
00:16:44,180 --> 00:16:42,690
is killing you I heard it from my

409
00:16:46,550 --> 00:16:44,190
hairdresser you know and say gets it

410
00:16:49,940 --> 00:16:46,560
forward from the 1994 it said it's that

411
00:16:51,890 --> 00:16:49,950
you know diet coke causes MS or that or

412
00:16:54,500 --> 00:16:51,900
that an onion and your sock cures the

413
00:16:57,470 --> 00:16:54,510

flu or and I mean we've you've seen

414

00:16:59,210 --> 00:16:57,480

these I know and it shows up on my

415

00:17:01,130 --> 00:16:59,220

timeline from friends of mine that I

416

00:17:02,900 --> 00:17:01,140

consider smart and they are smart it's

417

00:17:04,970 --> 00:17:02,910

just you know they're trying to make

418

00:17:06,920 --> 00:17:04,980

sure they're healthy and they got sent

419

00:17:08,480 --> 00:17:06,930

this by someone who they have no reason

420

00:17:10,730 --> 00:17:08,490

to think would send them bad information

421

00:17:12,500 --> 00:17:10,740

catchy meme especially if it's well

422

00:17:14,570 --> 00:17:12,510

Donna looks professional and you've

423

00:17:16,520 --> 00:17:14,580

pointed to one on the screen where had

424

00:17:18,170 --> 00:17:16,530

little little dots in the water wasn't

425

00:17:21,440 --> 00:17:18,180

it something like that yeah it was just

426
00:17:23,030 --> 00:17:21,450
here I mean this was this was a meme

427
00:17:25,940 --> 00:17:23,040
from a company saying the bottled water

428
00:17:27,620 --> 00:17:25,950
scam nettled water yes no no I mean I

429
00:17:29,810 --> 00:17:27,630
don't think that bottled water is a

430
00:17:32,120 --> 00:17:29,820
thing that you should you know buy a few

431
00:17:34,820 --> 00:17:32,130
if you have a regular source of potable

432
00:17:36,500 --> 00:17:34,830
clean water but man if you're living in

433
00:17:39,290 --> 00:17:36,510
Flint Michigan by yourself all the damn

434
00:17:42,230 --> 00:17:39,300
bottled water you can possibly get but

435
00:17:43,850 --> 00:17:42,240
the thing is this the slide was trying

436
00:17:45,800 --> 00:17:43,860
to say oh if it's been stored at above

437
00:17:48,260 --> 00:17:45,810
this temperature it's it's bad for you

438
00:17:50,150 --> 00:17:48,270

and you know it it had I mean they have

439

00:17:51,560 --> 00:17:50,160

ways with these memes of kind of

440

00:17:53,930 --> 00:17:51,570

manipulating your perception of

441

00:17:55,520 --> 00:17:53,940

something and you're not going to go to

442

00:17:57,740 --> 00:17:55,530

well well you are because you're richer

443

00:17:59,990 --> 00:17:57,750

sounders here in good skeptic but you

444

00:18:01,490 --> 00:18:00,000

you okay again not you the general

445

00:18:05,510 --> 00:18:01,500

listeners because you are also good

446

00:18:07,250 --> 00:18:05,520

skeptics but the grand you they they are

447

00:18:09,740 --> 00:18:07,260

not gonna check this thing because there

448

00:18:12,080 --> 00:18:09,750

was an image on this with a with a

449

00:18:13,490 --> 00:18:12,090

magnifying glass held up to the bottle

450

00:18:14,750 --> 00:18:13,500

of water and it showed these three

451
00:18:17,080 --> 00:18:14,760
circles that were supposed to be

452
00:18:21,190 --> 00:18:17,090
mystical particles of death

453
00:18:22,840 --> 00:18:21,200
and what I mean I I don't even know what

454
00:18:24,940 --> 00:18:22,850
it was trying to say they were but

455
00:18:27,730 --> 00:18:24,950
apparently those particles are in that

456
00:18:31,450 --> 00:18:27,740
water and it's killing you but if you're

457
00:18:33,249 --> 00:18:31,460
looking for information a lot of my

458
00:18:35,320 --> 00:18:33,259
talks I tell people you know it's really

459
00:18:36,159 --> 00:18:35,330
easy to find bad health information if

460
00:18:37,539 --> 00:18:36,169
you're looking for good health

461
00:18:39,129 --> 00:18:37,549
information and I'll tell people you

462
00:18:40,539 --> 00:18:39,139
know since you've already so nicely

463
00:18:42,310 --> 00:18:40,549

taken your cell phones and put them away

464

00:18:43,389 --> 00:18:42,320

and turn them off please take them back

465

00:18:45,999 --> 00:18:43,399

out and turn them back on

466

00:18:49,450 --> 00:18:46,009

and you know Google GMOs good Google

467

00:18:52,210 --> 00:18:49,460

GMOs bad Google GMOs chemical Google

468

00:18:55,330 --> 00:18:52,220

GMOs agriculture and see how the the

469

00:18:56,529 --> 00:18:55,340

searches change and this is kind of good

470

00:18:59,499 --> 00:18:56,539

news once upon a time when you just

471

00:19:01,029 --> 00:18:59,509

googled GMOs eight out of ten of the top

472

00:19:02,830 --> 00:19:01,039

search results were negative and now

473

00:19:03,999 --> 00:19:02,840

over time more of the top 10 search

474

00:19:05,499 --> 00:19:04,009

results are positive

475

00:19:07,450 --> 00:19:05,509

it's interesting and I think it's been a

476

00:19:09,070 --> 00:19:07,460

lot of you know the efforts from a lot

477

00:19:10,749 --> 00:19:09,080

of different skeptic groups from

478

00:19:13,450 --> 00:19:10,759

different writers from science based

479

00:19:14,830 --> 00:19:13,460

medical known from my changing his mind

480

00:19:17,590 --> 00:19:14,840

and I think that might have helped a lot

481

00:19:18,759 --> 00:19:17,600

of people I hope it did but you know

482

00:19:21,279 --> 00:19:18,769

there have been there's been such a

483

00:19:22,720 --> 00:19:21,289

concerted effort from a lot of different

484

00:19:25,210 --> 00:19:22,730

media sources from a lot of different

485

00:19:27,789 --> 00:19:25,220

science writers to try to get the word

486

00:19:29,379 --> 00:19:27,799

out that these are safe and I love the

487

00:19:32,919 --> 00:19:29,389

conspiracy theories that were being paid

488

00:19:35,200 --> 00:19:32,929

off by Monsanto when I have a COI I have

489

00:19:37,330 --> 00:19:35,210

every place that's ever paid me since

490

00:19:39,549 --> 00:19:37,340

I've been working at SCI babel listed on

491

00:19:41,019 --> 00:19:39,559

my website I'm like go ahead and try to

492

00:19:43,690 --> 00:19:41,029

tell me that like you know when I will

493

00:19:46,359 --> 00:19:43,700

admit to everywhere else that's paid me

494

00:19:48,730 --> 00:19:46,369

I'm lying about Monsanto yes just so I

495

00:19:51,489 --> 00:19:48,740

can promote GMOs yeah some whole reason

496

00:19:53,379 --> 00:19:51,499

people get very sensitive about this one

497

00:19:55,389 --> 00:19:53,389

yeah it's and it's because there are so

498

00:19:58,509 --> 00:19:55,399

many rumors and it's it I think it goes

499

00:20:01,509 --> 00:19:58,519

back to the old arthur c clarke quote

500

00:20:04,180 --> 00:20:01,519

any any new it's sufficiently any new

501
00:20:06,940 --> 00:20:04,190
technology is indistinguishable friends

502
00:20:09,639 --> 00:20:06,950
yes I know I just jump mangled that

503
00:20:12,289 --> 00:20:09,649
quote I know and I'm sure everybody

504
00:20:14,690 --> 00:20:12,299
knows that quote yeah to to

505
00:20:16,729 --> 00:20:14,700
if society any technology is

506
00:20:18,469 --> 00:20:16,739
indistinguishable from magic

507
00:20:20,419 --> 00:20:18,479
along those lines we know what there's

508
00:20:22,190 --> 00:20:20,429
there was kind of a very similar Douglas

509
00:20:24,199 --> 00:20:22,200
Adams quote that again will mangle it's

510
00:20:26,539 --> 00:20:24,209
like you know anything that was that was

511
00:20:29,389 --> 00:20:26,549
made before you were born or until

512
00:20:31,249 --> 00:20:29,399
you're 35 as perfectly fine

513
00:20:34,310 --> 00:20:31,259

anything that's made after you're 35 is

514

00:20:37,099 --> 00:20:34,320

suspect and must be snuffed out and it's

515

00:20:38,959 --> 00:20:37,109

it's it's not you know it's there's some

516

00:20:41,180 --> 00:20:38,969

wiggle room on that but it's kind of

517

00:20:42,560 --> 00:20:41,190

true like we're seeing Millennials turn

518

00:20:44,749 --> 00:20:42,570

it into that age where we're like get

519

00:20:46,940 --> 00:20:44,759

off my lawn with your new technology and

520

00:20:48,560 --> 00:20:46,950

Millennials are kind of you know along

521

00:20:50,289 --> 00:20:48,570

with like everyone's kind of scared of

522

00:20:53,389 --> 00:20:50,299

GMOs but this is the first technology

523

00:20:55,190 --> 00:20:53,399

that Millennials haven't really embraced

524

00:20:57,739 --> 00:20:55,200

like we're like give me give me your

525

00:21:00,019 --> 00:20:57,749

iPhones that give the government access

526

00:21:01,999 --> 00:21:00,029

to my my data I don't care it lets me

527

00:21:05,089 --> 00:21:02,009

pay for my movie tickets immediately

528

00:21:07,729 --> 00:21:05,099

like give me you know give me the iPad

529

00:21:10,039 --> 00:21:07,739

give me everything that that has new

530

00:21:12,680 --> 00:21:10,049

tech in it but you know don't don't give

531

00:21:14,869 --> 00:21:12,690

farmers technology it's at I mean that's

532

00:21:16,819 --> 00:21:14,879

what amazes me is there's there's this

533

00:21:18,859 --> 00:21:16,829

one hold up on something that people

534

00:21:20,749 --> 00:21:18,869

will accept and they're not getting

535

00:21:23,149 --> 00:21:20,759

their information for incredible sources

536

00:21:25,549 --> 00:21:23,159

and in a lot of cases they're stopping

537

00:21:27,079 --> 00:21:25,559

you know these GMO crops and you know

538

00:21:28,669 --> 00:21:27,089

some conventional crops from reaching

539

00:21:31,129 --> 00:21:28,679

people who could really use them

540

00:21:32,719 --> 00:21:31,139

yeah and stopping and stomping in some

541

00:21:34,909 --> 00:21:32,729

situations and ripping them out of the

542

00:21:36,649 --> 00:21:34,919

ground oh yeah yeah it was a great talk

543

00:21:39,619 --> 00:21:36,659

folks if you get the chance to see that

544

00:21:41,449 --> 00:21:39,629

in action take it up and do it where can

545

00:21:43,519 --> 00:21:41,459

people find out more it's people can

546

00:21:47,269 --> 00:21:43,529

hunt me down at SCI babe calm at

547

00:21:49,339 --> 00:21:47,279

facebook.com slash SCI babe and I do my

548

00:21:51,289 --> 00:21:49,349

writing over at the outline and at self

549

00:21:52,909 --> 00:21:51,299

comm or I'm a columnist so please come

550

00:21:54,079 --> 00:21:52,919

help me down and listen to me ranting

551
00:21:56,989 --> 00:21:54,089
about bad science with occasional

552
00:21:58,890 --> 00:21:56,999
f-bombs all over the internet event

553
00:22:19,590 --> 00:21:58,900
thank you thank you for having me

554
00:22:22,120 --> 00:22:19,600
[Music]

555
00:22:24,820 --> 00:22:22,130
this is Kyle from the data skeptic

556
00:22:27,190 --> 00:22:24,830
podcast if you're curious about the way

557
00:22:29,650 --> 00:22:27,200
data is changing our world topics like

558
00:22:32,230 --> 00:22:29,660
AI and all this craziness with Facebook

559
00:22:34,030 --> 00:22:32,240
and BOTS and the Twitter storm and how

560
00:22:36,100 --> 00:22:34,040
the algorithms that underline that work

561
00:22:37,660 --> 00:22:36,110
and you don't want a technical deep dive

562
00:22:39,070 --> 00:22:37,670
you want it you know in the vernacular

563
00:22:40,810 --> 00:22:39,080

in a way that people can understand

564

00:22:42,760 --> 00:22:40,820

check us out at data skeptic that's what

565

00:22:44,710 --> 00:22:42,770

we try and do I interview advanced

566

00:22:46,450 --> 00:22:44,720

professionals in the field who do this

567

00:22:51,100 --> 00:22:46,460

sort of research and then I get into

568

00:22:52,870 --> 00:22:51,110

interesting projects as well we're a

569

00:23:15,730 --> 00:22:52,880

weekly show and you can find this data

570

00:23:19,270 --> 00:23:15,740

skeptic calm and folks to set the scene

571

00:23:23,100 --> 00:23:19,280

he learned a lot sort of be a garden of

572

00:23:27,840 --> 00:23:23,110

a restaurant in Berkeley California

573

00:23:30,780 --> 00:23:27,850

night has come there's some bigger

574

00:23:32,910 --> 00:23:30,790

one of these ghosts or Kiva's what do

575

00:23:35,100 --> 00:23:32,920

they call these CB Peters space heaters

576

00:23:38,040 --> 00:23:35,110

they're heating the space for us the

577

00:23:39,330 --> 00:23:38,050

lexan come on and we're just having a

578

00:23:41,190 --> 00:23:39,340

wonderful social evening

579

00:23:42,570 --> 00:23:41,200

absolutely it's wonderful this is a

580

00:23:44,340 --> 00:23:42,580

skeptics in the pet that we do right

581

00:23:48,390 --> 00:23:44,350

before the skeptical I think this is our

582

00:23:50,190 --> 00:23:48,400

eight nine nine or nine nine it's been

583

00:23:51,750 --> 00:23:50,200

really great it's really been great so

584

00:23:53,370 --> 00:23:51,760

this is about two hour drive for me but

585

00:23:57,620 --> 00:23:53,380

it's not that big a deal because you

586

00:24:12,860 --> 00:23:57,630

know this is my kind of my local

587

00:24:22,140 --> 00:24:15,270

Australian skeptics because Australian

588

00:24:23,970 --> 00:24:22,150

skeptics raw skeptics set a standard for

589

00:24:28,620 --> 00:24:23,980

other skeptics around the world do they

590

00:24:30,750 --> 00:24:28,630

not absolutely I never ever miss the

591

00:24:32,490 --> 00:24:30,760

skeptic zone except that I see does one

592

00:24:34,050 --> 00:24:32,500

on my phone right now and I haven't

593

00:24:36,780 --> 00:24:34,060

caught up with it but I do

594

00:24:39,300 --> 00:24:36,790

I've got like it's only been there a day

595

00:24:42,030 --> 00:24:39,310

thank you and here's your payment Susan

596

00:24:43,950 --> 00:24:42,040

from guerrilla skepticism on Wikipedia

597

00:24:46,200 --> 00:24:43,960

here we are at skeptics in the pub in

598

00:24:48,810 --> 00:24:46,210

Berkeley before skeptical I am so

599

00:24:52,200 --> 00:24:48,820

excited you were here I absolutely just

600

00:24:53,780 --> 00:24:52,210

I always come to skeptical but knowing

601
00:24:56,220 --> 00:24:53,790
you were here is like

602
00:24:57,810 --> 00:24:56,230
she's only I promise you folks she's

603
00:25:00,720 --> 00:24:57,820
only excited because I brought a supply

604
00:25:01,980 --> 00:25:00,730
of musk lifesavers absolutely not we

605
00:25:03,270 --> 00:25:01,990
passed him around and people were

606
00:25:06,570 --> 00:25:03,280
putting him into the mouth and spitting

607
00:25:08,970 --> 00:25:06,580
it back out shut you ie is Australian

608
00:25:11,370 --> 00:25:08,980
listeners it was delicious

609
00:25:15,390 --> 00:25:11,380
you like this I did it was weird but I

610
00:25:17,520 --> 00:25:15,400
like that I'll bring you some more she's

611
00:25:20,100 --> 00:25:17,530
gonna try the stick part they're awful

612
00:25:22,590 --> 00:25:20,110
oh my gosh it's like it's like I'm sorry

613
00:25:26,040 --> 00:25:22,600

Australian but I love you all

614

00:25:28,500 --> 00:25:26,050

except must sticks are disgusting it's

615

00:25:30,930 --> 00:25:28,510

like somebody's you know what it's like

616

00:25:35,100 --> 00:25:30,940

it's like you you're your grandmother

617

00:25:38,490 --> 00:25:35,110

died and you go into her medicine

618

00:25:40,080 --> 00:25:38,500

cabinet like maybe yours later and you

619

00:25:43,620 --> 00:25:40,090

go in and you open up the medicine

620

00:25:45,030 --> 00:25:43,630

cabinet makes that creaking sound when

621

00:25:47,460 --> 00:25:45,040

you open up the medicine cabinet and

622

00:25:50,760 --> 00:25:47,470

inside there's the little bottle and

623

00:25:53,250 --> 00:25:50,770

it's like roses something and it just is

624

00:25:56,970 --> 00:25:53,260

like linking eyes like a cork on it it's

625

00:26:00,270 --> 00:25:56,980

just disgusting and it just makes you

626

00:26:02,370 --> 00:26:00,280

what it just that's what must ticks

627

00:26:04,110 --> 00:26:02,380

tastes like Australian listeners you too

628

00:26:07,410 --> 00:26:04,120

can have this fun and excitement if you

629

00:26:09,960 --> 00:26:07,420

come to the United States mastics I

630

00:26:12,720 --> 00:26:09,970

promise you pack some uh sticks bring

631

00:26:15,360 --> 00:26:12,730

them out at parties eat one and say

632

00:26:19,110 --> 00:26:15,370

delicious Australian candy and watch the

633

00:26:21,060 --> 00:26:19,120

faces of the Americans as they run for

634

00:26:23,490 --> 00:26:21,070

the bathroom to spit them out we're

635

00:26:26,100 --> 00:26:23,500

trying to figure out why somebody asked

636

00:26:29,220 --> 00:26:26,110

me they said so wait what this is food

637

00:26:31,080 --> 00:26:29,230

and I said well okay think of it this

638

00:26:34,230 --> 00:26:31,090

way Australia you know they were in a

639

00:26:35,490 --> 00:26:34,240

island and they're there on their Island

640

00:26:39,120 --> 00:26:35,500

and they don't know about like real

641

00:26:41,440 --> 00:26:39,130

candy and they're there

642

00:26:43,240 --> 00:26:41,450

and there and there on the island and

643

00:26:44,830 --> 00:26:43,250

there you know they're just working with

644

00:26:46,660 --> 00:26:44,840

what they have I mean maybe it's ground

645

00:26:50,320 --> 00:26:46,670

up drop bears or something I don't know

646

00:26:51,970 --> 00:26:50,330

but it's just I'm sorry you guys I love

647

00:26:55,750 --> 00:26:51,980

you all okay there will be some editing

648

00:26:57,850 --> 00:26:55,760

that takes place on this speaking of

649

00:27:00,520 --> 00:26:57,860

editing yes speaking of anything yeah

650

00:27:02,530 --> 00:27:00,530

how is the the guerrilla skepticism on

651
00:27:06,010 --> 00:27:02,540
Wikipedia going and I understand there

652
00:27:08,200 --> 00:27:06,020
are some new editors which can be traced

653
00:27:11,050 --> 00:27:08,210
back to the skeptic Center absolutely we

654
00:27:14,620 --> 00:27:11,060
have just just graduated a brand new

655
00:27:16,900 --> 00:27:14,630
editor and he is he came to me from your

656
00:27:20,110 --> 00:27:16,910
podcast and you know you've done such a

657
00:27:22,420 --> 00:27:20,120
wonderful job trying to get our word out

658
00:27:25,960 --> 00:27:22,430
there and actually to be honest with you

659
00:27:28,270 --> 00:27:25,970
some of the most editors I get are from

660
00:27:30,260 --> 00:27:28,280
Australia or from the sceptic zones you

661
00:27:32,910 --> 00:27:30,270
have an awful lot of people who are not

662
00:27:34,870 --> 00:27:32,920
[Music]

663
00:27:37,420 --> 00:27:34,880

Australian they listen to the skeptic

664

00:27:40,150 --> 00:27:37,430

zone like myself and I appreciate that

665

00:27:42,040 --> 00:27:40,160

and the newest editor that we just had

666

00:27:45,630 --> 00:27:42,050

oh my gosh you would not believe what he

667

00:27:48,180 --> 00:27:45,640

did his name is Kelly Eckersley

668

00:27:50,030 --> 00:27:48,190

t-joint just about six months ago and he

669

00:27:53,490 --> 00:27:50,040

rewrote the Wikipedia page for Paul

670

00:27:56,280 --> 00:27:53,500

MacCready and Paul MacCready was the man

671

00:27:59,610 --> 00:27:56,290

who is an expert in gliders he's

672

00:28:02,070 --> 00:27:59,620

unfortunately now no longer with us here

673

00:28:04,260 --> 00:28:02,080

on earth but Paul MacCready was an

674

00:28:06,030 --> 00:28:04,270

amazing man who has more honors than you

675

00:28:14,760 --> 00:28:06,040

can imagine his Wikipedia page is now

676
00:28:16,919 --> 00:28:14,770
amazing because I'm gonna say this word

677
00:28:18,690 --> 00:28:16,929
wrong pterodactyl is that what it is

678
00:28:21,830 --> 00:28:18,700
called heard and they used it for a

679
00:28:29,310 --> 00:28:21,840
video that it's it's an areas

680
00:28:35,340 --> 00:28:29,320
Petrus or Patricia like to put say that

681
00:28:38,820 --> 00:28:35,350
word before but okay well anyway he's an

682
00:28:40,890 --> 00:28:38,830
amazing person that we wrote the

683
00:28:44,010 --> 00:28:40,900
Wikipedia that Kelly rewrote the

684
00:28:46,500 --> 00:28:44,020
Wikipedia page for invented a glider

685
00:28:48,630 --> 00:28:46,510
that will probably be something they can

686
00:28:52,080 --> 00:28:48,640
use on Mars when we finally get there

687
00:28:54,419 --> 00:28:52,090
Wow so fascinating people but anyway the

688
00:28:57,140 --> 00:28:54,429

GSO to problem gso w project has just

689

00:29:00,600 --> 00:28:57,150

published it six hundred and twenty

690

00:29:03,450 --> 00:29:00,610

fourth wikipedia page and we've just hit

691

00:29:11,850 --> 00:29:03,460

twenty seven million four hundred and

692

00:29:14,340 --> 00:29:11,860

sixty something pageviews so 27 million

693

00:29:15,840 --> 00:29:14,350

pageviews so far from those six hundred

694

00:29:17,549 --> 00:29:15,850

twenty five thousand six hundred

695

00:29:19,350 --> 00:29:17,559

twenty-five pages the other people at

696

00:29:21,840 --> 00:29:19,360

our table are quite confused as why we

697

00:29:25,080 --> 00:29:21,850

burst into applause we're talking about

698

00:29:27,520 --> 00:29:25,090

guerrilla skepticism on wikipedia and

699

00:29:29,890 --> 00:29:27,530

how are you a yes what about Wikipedia

700

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

yeah now at the other end of the table

701
00:29:33,790 --> 00:29:31,910
we have Kyle Pollock who actually wrote

702
00:29:34,960 --> 00:29:33,800
the statistics package for guerrilla

703
00:29:37,120 --> 00:29:34,970
skeptics yes

704
00:29:39,580 --> 00:29:37,130
tile polish is here he's an expert in AI

705
00:29:43,660 --> 00:29:39,590
and he will speak speaking at skeptical

706
00:29:45,340 --> 00:29:43,670
tomorrow and Kyle is the person whose MJ

707
00:29:47,800 --> 00:29:45,350
actually was sitting across me who just

708
00:29:51,370 --> 00:29:47,810
talked to me are the reason why I'm able

709
00:29:53,170 --> 00:29:51,380
to track my statistics because Jay told

710
00:29:55,180 --> 00:29:53,180
me years ago faces and how do you know

711
00:29:56,170 --> 00:29:55,190
that geo so W is actually doing anything

712
00:29:58,090 --> 00:29:56,180
if you don't have any way of measuring

713
00:30:00,670 --> 00:29:58,100

your results and I said you know what

714

00:30:03,250 --> 00:30:00,680

you're absolutely right Jay diamond from

715

00:30:05,020 --> 00:30:03,260

the Bay Area skeptics board and he said

716

00:30:07,270 --> 00:30:05,030

you should have a way of tracking it and

717

00:30:09,940 --> 00:30:07,280

I said you know I know this guy who has

718

00:30:11,260 --> 00:30:09,950

a podcast called data skeptics who might

719

00:30:14,350 --> 00:30:11,270

be able to help me out and he wrote the

720

00:30:16,120 --> 00:30:14,360

software for me and we're refining it we

721

00:30:18,250 --> 00:30:16,130

call it stop badger and that's the way

722

00:30:20,320 --> 00:30:18,260

we're able to do it and Kyle is an

723

00:30:23,800 --> 00:30:20,330

expert on AI and he's a expert on all

724

00:30:25,780 --> 00:30:23,810

these amazing things so it's a team work

725

00:30:27,220 --> 00:30:25,790

even if they're not editors people out

726

00:30:29,110 --> 00:30:27,230

there are doing amazing work to make

727

00:30:31,660 --> 00:30:29,120

this possible to re-educate the world

728

00:30:33,670 --> 00:30:31,670

all of the world on science scientific

729

00:30:36,070 --> 00:30:33,680

skepticism and the paranormal in all

730

00:30:37,750 --> 00:30:36,080

known languages can I get you a drink

731

00:30:41,580 --> 00:30:37,760

Susan actually I haven't had anything to

732

00:30:44,950 --> 00:30:41,590

drink well it's wonderful to know that

733

00:30:47,290 --> 00:30:44,960

podcast service some use after all oh my

734

00:30:49,660 --> 00:30:47,300

gosh you don't understand how useful you

735

00:30:51,850 --> 00:30:49,670

have been it's wonderful the support

736

00:30:53,680 --> 00:30:51,860

that you give to the community I hear

737

00:30:56,590 --> 00:30:53,690

from people all the time that they they

738

00:30:58,180 --> 00:30:56,600

are inspired by what you and the skeptic

739

00:31:01,200 --> 00:30:58,190

zone does we all love maeín art of

740

00:31:03,790 --> 00:31:01,210

course and Northern Rivers vaccinations

741

00:31:07,479 --> 00:31:03,800

supportive supporters yeah I know Hardy

742

00:31:09,219 --> 00:31:07,489

yes we love you guys also you know

743

00:31:10,599 --> 00:31:09,229

can't wait to you back to Australia and

744

00:31:13,119 --> 00:31:10,609

see I can't wait to see you

745

00:31:15,759 --> 00:31:13,129

alright so until tomorrow when we'll be

746

00:31:23,820 --> 00:31:15,769

at skeptic a puppet thank you everybody

747

00:31:35,409 --> 00:31:32,729

[Music]

748

00:31:37,359 --> 00:31:35,419

hi I'm Darren McKee one of the hosts of

749

00:31:39,070 --> 00:31:37,369

the reality check each week my co-host

750

00:31:40,749 --> 00:31:39,080

and I explore a range of controversies

751
00:31:42,190 --> 00:31:40,759
and curiosities using science and

752
00:31:44,079 --> 00:31:42,200
critical thinking you can find us on

753
00:31:45,669 --> 00:31:44,089
iTunes your favorite podcasting platform

754
00:31:47,259 --> 00:31:45,679
and on Facebook by searching for the

755
00:31:49,749 --> 00:31:47,269
reality check or by following us on

756
00:31:51,430 --> 00:31:49,759
Twitter at TRC underscore podcast until

757
00:31:57,630 --> 00:31:51,440
then keep an open mind but not so open

758
00:31:57,640 --> 00:32:03,440
[Music]

759
00:32:10,110 --> 00:32:06,750
this is Bigfoot country Brian Oh sort of

760
00:32:11,730 --> 00:32:10,120
I mean as in Bend Oregon is it and any

761
00:32:14,070 --> 00:32:11,740
reports of that or is that other place

762
00:32:15,560 --> 00:32:14,080
places there are like I was surprised to

763
00:32:18,480 --> 00:32:15,570

learn the bend has its own little

764

00:32:21,240 --> 00:32:18,490

Bigfoot Club as a Bigfoot meetup group

765

00:32:24,620 --> 00:32:21,250

or something and they actually had a

766

00:32:26,700 --> 00:32:24,630

Bigfoot conference of some kind here

767

00:32:28,440 --> 00:32:26,710

about a couple of months ago I was out

768

00:32:31,860 --> 00:32:28,450

of town but I was sorely tempted to

769

00:32:33,720 --> 00:32:31,870

attend but what folks we really uh we've

770

00:32:35,970 --> 00:32:33,730

driven out of town and we are in a

771

00:32:40,529 --> 00:32:35,980

wooded area with a rock outcrop is

772

00:32:42,510 --> 00:32:40,539

exactly as I explained it's magical what

773

00:32:45,330 --> 00:32:42,520

oh it's a beautiful landscape Brian I

774

00:32:47,760 --> 00:32:45,340

find it magical and I think we're just

775

00:32:50,820 --> 00:32:47,770

about to go to a lava cave is that right

776

00:32:52,740 --> 00:32:50,830

yes Central Oregon here is all volcanic

777

00:32:54,570 --> 00:32:52,750

and this is all part of the part of the

778

00:32:56,039 --> 00:32:54,580

lava flows from Newberry crater which is

779

00:32:58,049 --> 00:32:56,049

the big mountain off in the distance

780

00:33:00,480 --> 00:32:58,059

that way and so all these rock

781

00:33:04,680 --> 00:33:00,490

outcroppings here this is all lava rock

782

00:33:07,320 --> 00:33:04,690

and let's take a closer look just take a

783

00:33:10,140 --> 00:33:07,330

closer look at this rock and this is all

784

00:33:15,750 --> 00:33:10,150

from well volcanic yeah oh it's coming

785

00:33:18,419 --> 00:33:15,760

up I just ruined it but we can look

786

00:33:23,600 --> 00:33:18,429

underneath look at that that's that's

787

00:33:27,060 --> 00:33:23,610

lava right Wow ancient lava well the the

788

00:33:28,289 --> 00:33:27,070

this straw this these twigs needles pine

789

00:33:30,899 --> 00:33:28,299

needles thank you go all the way down

790

00:33:32,520 --> 00:33:30,909

look at that anyway onward to our next

791

00:33:37,770 --> 00:33:32,530

adventure we'll look for a Bigfoot in

792

00:33:43,250 --> 00:33:39,460

[Music]

793

00:33:46,880 --> 00:33:43,260

the hunt for Bigfoot goes on Brian and I

794

00:33:52,310 --> 00:33:46,890

have come to Boyd cave just down these

795

00:33:55,130 --> 00:33:52,320

steps now and we're in a it looks like

796

00:33:57,110 --> 00:33:55,140

something out of The Flintstones death

797

00:33:59,900 --> 00:33:57,120

it looks like a cave out of the movies

798

00:34:03,289 --> 00:33:59,910

if people think the word cave that's

799

00:34:06,590 --> 00:34:03,299

what we're in I don't remember what

800

00:34:08,030 --> 00:34:06,600

remains no you're probably right oh and

801
00:34:13,430 --> 00:34:08,040
we have could turn in our flashlights

802
00:34:16,129 --> 00:34:13,440
here over there it says something let's

803
00:34:20,990 --> 00:34:16,139
go this way and it's and the temperature

804
00:34:23,599 --> 00:34:21,000
dropped within what twenty feet or so

805
00:34:26,530 --> 00:34:23,609
down the stairs is remarkable think

806
00:34:31,879 --> 00:34:26,540
we're being blasted from hawk ticket oh

807
00:34:34,780 --> 00:34:31,889
wow this really is like out of a movie I

808
00:34:39,169 --> 00:34:34,790
wonder if they come here to film stuff

809
00:34:44,510 --> 00:34:39,179
it's about half the size of what you

810
00:34:47,359 --> 00:34:44,520
might think a train tunnel would be no

811
00:34:54,260 --> 00:34:47,369
bigger bigger much bigger yeah I'm not

812
00:35:05,510 --> 00:34:55,940
Brian's reminding me this is actually a

813
00:35:07,250 --> 00:35:05,520

love tube made from lava when he doesn't

814

00:35:09,980 --> 00:35:07,260

know when folks he's have limited valued

815

00:35:14,480 --> 00:35:09,990

Wow it goes on and on

816

00:35:16,220 --> 00:35:14,490

what convenient walking here and it's

817

00:35:18,500 --> 00:35:16,230

getting very dark now we've turned one

818

00:35:19,910 --> 00:35:18,510

corner and any trace of daylight has

819

00:35:24,190 --> 00:35:19,920

disappeared in fact if you turn off your

820

00:35:30,440 --> 00:35:28,670

complete pitch-black that's dirty that's

821

00:35:33,820 --> 00:35:30,450

a stunning that's stunning

822

00:35:37,210 --> 00:35:33,830

I hope these batteries don't give out

823

00:35:39,470 --> 00:35:37,220

further down we go

824

00:35:42,349 --> 00:35:39,480

there was a sign at the entrance saying

825

00:35:46,099 --> 00:35:42,359

danger of rock force which gives me lots

826

00:35:47,880 --> 00:35:46,109

of confidence as freezing down here it's

827

00:35:50,020 --> 00:35:47,890

so cold

828

00:35:53,560 --> 00:35:50,030

and I wouldn't want to huddle down here

829

00:35:57,250 --> 00:35:53,570

for warmth I tell you I had to do this

830

00:36:00,339 --> 00:35:57,260

we we were in not this one but another

831

00:36:01,359 --> 00:36:00,349

one here and the kids said oh we want to

832

00:36:05,220 --> 00:36:01,369

go through that little hole in the wall

833

00:36:07,620 --> 00:36:05,230

yeah and they were gone for over an hour

834

00:36:09,970 --> 00:36:07,630

and I was just sitting there waiting

835

00:36:16,660 --> 00:36:09,980

because I wasn't I wasn't going through

836

00:36:19,569 --> 00:36:16,670

that hole I nearly died it's it's it's

837

00:36:24,819 --> 00:36:19,579

very cold on the further down we go I

838

00:36:28,540 --> 00:36:24,829

think we go over this way scrambling

839

00:36:31,329 --> 00:36:28,550

over some little rocks here yeah it goes

840

00:36:32,400 --> 00:36:31,339

on and on so it's a remarkable thing as

841

00:36:36,640 --> 00:36:32,410

you say we're in it

842

00:36:39,810 --> 00:36:36,650

something carved out by a lava flow who

843

00:36:44,319 --> 00:36:39,820

knows when a long time ago presumably

844

00:36:46,930 --> 00:36:44,329

very long time ago and this system is

845

00:36:55,690 --> 00:36:46,940

going on and on it doesn't branch off

846

00:36:58,420 --> 00:36:55,700

though it's one solid tube wow this is

847

00:37:02,920 --> 00:36:58,430

really like something out of a a dream

848

00:37:07,120 --> 00:37:02,930

or a nightmare depending I don't expect

849

00:37:09,250 --> 00:37:07,130

to see any Bigfoot going the other way I

850

00:37:11,470 --> 00:37:09,260

don't think so looking up at the ceiling

851

00:37:14,620 --> 00:37:11,480

and yeah it's flaking there a little bit

852

00:37:18,040 --> 00:37:14,630

you see that it could fall off there see

853

00:37:26,890 --> 00:37:18,050

that give it a wiggle yeah I don't think

854

00:37:28,569 --> 00:37:26,900

so I can't hear it it's quite

855

00:37:33,430 --> 00:37:28,579

interesting because the further we go on

856

00:37:35,740 --> 00:37:33,440

it's it's like a repeating never-ending

857

00:37:37,210 --> 00:37:35,750

repeating tube with huge rocks in the

858

00:37:42,809 --> 00:37:37,220

middle and a sort of a walkway on the

859

00:37:46,660 --> 00:37:42,819

side where we are and we can only see oh

860

00:37:49,300 --> 00:37:46,670

not so far ahead because of the the way

861

00:37:50,829 --> 00:37:49,310

the cave is twisting and turning but as

862

00:37:52,740 --> 00:37:50,839

soon as we get around another bend in

863

00:37:54,970 --> 00:37:52,750

the cave it's the same thing again it's

864

00:37:58,000 --> 00:37:54,980

bending and twisting and turning through

865

00:38:00,710 --> 00:37:58,010

the earth the interesting experience and

866

00:38:02,720 --> 00:38:00,720

you might think I'm not very

867

00:38:05,060 --> 00:38:02,730

in good condition because I'm breathing

868

00:38:10,280 --> 00:38:05,070

quite a bit it's partly because of the

869

00:38:11,600 --> 00:38:10,290

altitude Brian says I'm in terrible

870

00:38:14,300 --> 00:38:11,610

shape but partly because we're actually

871

00:38:17,870 --> 00:38:14,310

about to kill a meter up so the air is a

872

00:38:21,440 --> 00:38:17,880

little thinner up here I can see some

873

00:38:23,390 --> 00:38:21,450

lights ahead right in the distance that

874

00:38:25,610 --> 00:38:23,400

this cave is straightening out a little

875

00:38:26,990 --> 00:38:25,620

bit I just saw a light so I suspect

876

00:38:33,370 --> 00:38:27,000

there's some more people wandering

877

00:38:40,970 --> 00:38:33,380

around down here yeah

878

00:38:42,470 --> 00:38:40,980

scrambling over rocks yeah I don't know

879

00:38:44,990 --> 00:38:42,480

there's no easy way at the moment of

880

00:38:49,120 --> 00:38:45,000

sort of stuck scrambling over these

881

00:38:57,950 --> 00:38:49,130

rocks are going to be careful here now

882

00:39:02,860 --> 00:38:57,960

now I'm stuck Oh heavy on the side gotta

883

00:39:21,950 --> 00:39:04,150

right

884

00:39:24,960 --> 00:39:21,960

and down I go we've discovered the Lost

885

00:39:44,220 --> 00:39:42,150

a whole society of cave people yeah we

886

00:39:50,180 --> 00:39:44,230

gonna find some food supplies down here

887

00:39:58,620 --> 00:39:54,170

this might be a good spot to stop right

888

00:40:26,089 --> 00:39:58,630

and you know we don't need a flashlight

889

00:40:31,730 --> 00:40:29,130

the rocks are very loose as we walk

890

00:40:36,740 --> 00:40:31,740

along what's this

891

00:40:43,370 --> 00:40:39,900

very low-hanging bit of the ceiling here

892

00:40:46,800 --> 00:40:43,380

which looks like it could disintegrate

893

00:40:52,170 --> 00:40:46,810

and again it's just cold it's so cold

894

00:40:54,930 --> 00:40:52,180

down here oh okay we're not going down

895

00:40:57,780 --> 00:40:54,940

there you called no no but I'm not going

896

00:40:58,070 --> 00:40:57,790

down there because all right dress for

897

00:41:02,430 --> 00:40:58,080

it

898

00:41:03,450 --> 00:41:02,440

yeah step back here and I'm gonna be

899

00:41:06,480 --> 00:41:03,460

careful because I'm gonna hit my head

900

00:41:19,479 --> 00:41:06,490

unless I get to it scramble down these

901
00:41:23,870 --> 00:41:21,890
I'm not helping myself I've got a

902
00:41:34,489 --> 00:41:23,880
flashlight in one hand and a microphone

903
00:41:36,410 --> 00:41:34,499
in the others yeah so this might be a

904
00:41:39,109 --> 00:41:36,420
good spot for us to catch our breath for

905
00:41:43,249 --> 00:41:39,119
a moment Brian and you can tell me of

906
00:41:45,739 --> 00:41:43,259
the progress of your next feature film

907
00:41:48,019 --> 00:41:45,749
or your first feature film science

908
00:41:51,410 --> 00:41:48,029
friction science friction feature

909
00:41:52,549 --> 00:41:51,420
documentary film intended for a limited

910
00:41:55,099 --> 00:41:52,559
theatrical release

911
00:41:58,700 --> 00:41:55,109
it's about scientists who have been

912
00:42:01,180 --> 00:41:58,710
misrepresented quote mind edited out of

913
00:42:03,410 --> 00:42:01,190

context to make it sound like they're

914

00:42:05,420 --> 00:42:03,420

supporting some sort of woo

915

00:42:07,700 --> 00:42:05,430

pseudoscience as we see on the

916

00:42:10,130 --> 00:42:07,710

sensationalist kind of pseudo

917

00:42:12,799 --> 00:42:10,140

documentaries from TV's science channels

918

00:42:15,950 --> 00:42:12,809

yeah this happens to virtually every

919

00:42:20,719 --> 00:42:15,960

scientist who has been on any of these

920

00:42:22,160 --> 00:42:20,729

shows they often are very frustrated by

921

00:42:26,269 --> 00:42:22,170

it they don't find out about it until

922

00:42:27,769 --> 00:42:26,279

afterwards and the network's do this

923

00:42:30,559 --> 00:42:27,779

basically because it's a cheap and easy

924

00:42:32,719 --> 00:42:30,569

way to make a sensational program yeah

925

00:42:34,219 --> 00:42:32,729

well I've had some limited experience

926

00:42:36,200 --> 00:42:34,229

with that myself being interviewed on

927

00:42:38,269 --> 00:42:36,210

Australian TV from time to time and you

928

00:42:39,529 --> 00:42:38,279

can talk for five or ten minutes and

929

00:42:43,819 --> 00:42:39,539

they'll cut out the bit where you say

930

00:42:46,849 --> 00:42:43,829

yeah I don't think it was real I just

931

00:42:48,680 --> 00:42:46,859

done I just did a thing with out of the

932

00:42:50,660 --> 00:42:48,690

blue some guy emailed me from Russian

933

00:42:53,209 --> 00:42:50,670

television and he wanted me to talk

934

00:42:55,819 --> 00:42:53,219

about Nostradamus oh yeah and he wanted

935

00:42:57,289 --> 00:42:55,829

me to tell the story he was practically

936

00:43:01,009 --> 00:42:57,299

feeding me the lines he wanted me to

937

00:43:03,319 --> 00:43:01,019

tell the story of how Nostradamus was

938

00:43:05,150 --> 00:43:03,329

walking along and he he came upon a

939

00:43:07,969 --> 00:43:05,160

priest and suddenly dropped to his knees

940

00:43:10,839 --> 00:43:07,979

and worshipped him and that priest later

941

00:43:13,190 --> 00:43:10,849

became the Pope and it's because

942

00:43:15,259 --> 00:43:13,200

Nostradamus was prophesied this guy was

943

00:43:17,029 --> 00:43:15,269

gonna be the Pope so I had heard that

944

00:43:19,999 --> 00:43:17,039

story but there's no evidence that

945

00:43:22,700 --> 00:43:20,009

anything like that ever happened and

946

00:43:25,279 --> 00:43:22,710

it's really just the invention of 20th

947

00:43:27,440 --> 00:43:25,289

century pulp fiction authors so he

948

00:43:28,069 --> 00:43:27,450

wanted me to tell this story and present

949

00:43:30,199 --> 00:43:28,079

myself as

950

00:43:31,789 --> 00:43:30,209

as if I'm the Nostradamus expert and to

951
00:43:33,890 --> 00:43:31,799
make it sound like this is

952
00:43:36,650 --> 00:43:33,900
incontrovertible proof that Nostradamus

953
00:43:38,509 --> 00:43:36,660
was a prophet and we were just doing

954
00:43:41,329 --> 00:43:38,519
this since he was in Russia we were just

955
00:43:42,640 --> 00:43:41,339
doing this over Skype and so I set up a

956
00:43:44,809 --> 00:43:42,650
little hidden camera

957
00:43:48,289 --> 00:43:44,819
well not hidden just out of the view of

958
00:43:52,579 --> 00:43:48,299
my laptop's camera and filmed the entire

959
00:43:54,229 --> 00:43:52,589
exchange and at one point I did tell the

960
00:43:56,150 --> 00:43:54,239
story and I kind of left him some nice

961
00:43:58,130 --> 00:43:56,160
editing points on either end of it oh

962
00:44:00,199 --> 00:43:58,140
yeah and I preface the story with this

963
00:44:02,569 --> 00:44:00,209

this didn't happen for real but the

964

00:44:04,009 --> 00:44:02,579

legend is blah yeah and then the end of

965

00:44:05,329 --> 00:44:04,019

it I said the same thing but there's no

966

00:44:07,370 --> 00:44:05,339

evidence that this ever happened it's

967

00:44:09,049 --> 00:44:07,380

just become part of the the part of the

968

00:44:12,380 --> 00:44:09,059

story that was added by modern writers

969

00:44:14,809 --> 00:44:12,390

so if I ever hear back from and if this

970

00:44:16,999 --> 00:44:14,819

ever gets it into the Russian TV show

971

00:44:19,339 --> 00:44:17,009

we've got a nice little sting that we're

972

00:44:21,410 --> 00:44:19,349

gonna show in the film there's an

973

00:44:23,509 --> 00:44:21,420

example of how exactly how this kind of

974

00:44:25,489 --> 00:44:23,519

thing happens yeah because you know many

975

00:44:26,779 --> 00:44:25,499

especially younger scientists they get

976

00:44:28,640 --> 00:44:26,789

out there and they get a little bit of

977

00:44:30,199 --> 00:44:28,650

notoriety these TV shows want to have

978

00:44:32,569 --> 00:44:30,209

them on everyone says hey that's a great

979

00:44:36,349 --> 00:44:32,579

way to advance my career to show myself

980

00:44:38,630 --> 00:44:36,359

as to the public as a as a science

981

00:44:41,989 --> 00:44:38,640

communicator someone who's going places

982

00:44:46,370 --> 00:44:41,999

and is on TV and it bites them in the

983

00:44:49,459 --> 00:44:46,380

ass more often than not so we we think

984

00:44:51,349 --> 00:44:49,469

that this is a bad thing we think it

985

00:44:53,870 --> 00:44:51,359

does the public a disservice we think it

986

00:44:55,609 --> 00:44:53,880

does the science a disservice and we

987

00:44:57,709 --> 00:44:55,619

think that more people need to know that

988

00:44:59,779 --> 00:44:57,719

these shows are not necessarily giving

989

00:45:01,039 --> 00:44:59,789

you the truth and and that they're

990

00:45:02,799 --> 00:45:01,049

willing to go to great lengths to

991

00:45:05,059 --> 00:45:02,809

distort the truth to promote this

992

00:45:06,410 --> 00:45:05,069

sensationalist agenda to get more

993

00:45:07,969 --> 00:45:06,420

viewers from their point of view of

994

00:45:12,799 --> 00:45:07,979

course it's it that sort of thing would

995

00:45:16,370 --> 00:45:12,809

sell more than then a dare say a dry

996

00:45:18,049 --> 00:45:16,380

scientific so we're gonna give these

997

00:45:19,099 --> 00:45:18,059

scientists a chance to clear the record

998

00:45:21,079 --> 00:45:19,109

we're gonna have them tell us what

999

00:45:21,739 --> 00:45:21,089

happened show the clip see what see how

1000

00:45:25,009 --> 00:45:21,749

it went down

1001
00:45:26,930 --> 00:45:25,019
and it's we're actually crowdfunding the

1002
00:45:29,269 --> 00:45:26,940
initial production the reason for that

1003
00:45:31,309 --> 00:45:29,279
being that this is not something that

1004
00:45:32,989 --> 00:45:31,319
any the network's want to fund obviously

1005
00:45:36,620 --> 00:45:32,999
you've already suffered a bit of

1006
00:45:39,529 --> 00:45:36,630
backlash from that so the it's at

1007
00:45:41,450 --> 00:45:39,539
science friction dot TV where people can

1008
00:45:42,920 --> 00:45:41,460
see the promo real we've

1009
00:45:44,570 --> 00:45:42,930
a little trailer for the film we talked

1010
00:45:45,829 --> 00:45:44,580
about it we show some of the experts we

1011
00:45:49,130 --> 00:45:45,839
tell some of those stories that are

1012
00:45:51,620 --> 00:45:49,140
gonna be featured in the film science

1013
00:45:53,630 --> 00:45:51,630

friction dot TV we've got lots of nice

1014

00:45:56,540 --> 00:45:53,640

little rewards for the people who choose

1015

00:45:59,180 --> 00:45:56,550

to help donate and and support the

1016

00:46:01,970 --> 00:45:59,190

production all the way up to large

1017

00:46:03,530 --> 00:46:01,980

donors can get a executive producer

1018

00:46:05,390 --> 00:46:03,540

credit for the film which is a real

1019

00:46:08,030 --> 00:46:05,400

credit which is going to be in the

1020

00:46:09,680 --> 00:46:08,040

theatres and you get it on IMDB so if

1021

00:46:11,240 --> 00:46:09,690

anyone's interested in buying their way

1022

00:46:12,170 --> 00:46:11,250

into the film industry this is an easy

1023

00:46:14,900 --> 00:46:12,180

way to do it

1024

00:46:18,820 --> 00:46:14,910

all right folks links on this week's

1025

00:46:22,040 --> 00:46:18,830

show notes I look forward to when it's

1026

00:46:24,260 --> 00:46:22,050

finally out is there timeframe we're

1027

00:46:28,160 --> 00:46:24,270

going into full production starting in

1028

00:46:30,140 --> 00:46:28,170

August here 2018 it probably is going to

1029

00:46:32,300 --> 00:46:30,150

take a year these things go slowly the

1030

00:46:33,740 --> 00:46:32,310

nature of documentaries are you know

1031

00:46:35,060 --> 00:46:33,750

kind of the direction the next thing

1032

00:46:36,710 --> 00:46:35,070

you're gonna film is suggested by the

1033

00:46:39,079 --> 00:46:36,720

thing you're filming today so it's hard

1034

00:46:40,880 --> 00:46:39,089

to put an end cap on it but we've

1035

00:46:43,430 --> 00:46:40,890

already got about 30 hours worth of

1036

00:46:45,230 --> 00:46:43,440

footage that we've already shot and it's

1037

00:46:47,290 --> 00:46:45,240

gonna be it's going to be a great great

1038

00:46:50,599 --> 00:46:47,300

movie it is just some some really

1039

00:46:53,089 --> 00:46:50,609

horrifying examples of people being

1040

00:46:54,710 --> 00:46:53,099

taken out of context looking forward to

1041

00:46:56,660 --> 00:46:54,720

it now folks this is an odd situation

1042

00:46:57,859 --> 00:46:56,670

we've both turned off our flashlights

1043

00:46:59,599 --> 00:46:57,869

because we're just standing here in the

1044

00:47:02,599 --> 00:46:59,609

middle of a cave and as we said before

1045

00:47:03,890 --> 00:47:02,609

there is no light apart from the small

1046

00:47:06,560 --> 00:47:03,900

amount of light given off by the

1047

00:47:09,349 --> 00:47:06,570

interface on my microphone and I can't

1048

00:47:11,839 --> 00:47:09,359

really turn that off but if I sort of do

1049

00:47:13,609 --> 00:47:11,849

that point it away from us and now we've

1050

00:47:15,020 --> 00:47:13,619

got the dimmest of dim light so it's

1051
00:47:19,300 --> 00:47:15,030
like listening to an episode of our

1052
00:47:21,500 --> 00:47:19,310
podcast we are having an audio-only

1053
00:47:24,890 --> 00:47:21,510
conversation yeah I can turn on the

1054
00:47:28,520 --> 00:47:24,900
light now oh whoa whoa hey this is a

1055
00:47:28,530 --> 00:47:38,640
[Music]

1056
00:47:44,130 --> 00:47:42,190
hi this is Heidi Robertson from the

1057
00:47:47,010 --> 00:47:44,140
Northern Rivers vaccination supporters

1058
00:47:49,630 --> 00:47:47,020
we are a group of concerned citizens

1059
00:47:52,210 --> 00:47:49,640
dedicated to promoting good science and

1060
00:47:55,330 --> 00:47:52,220
common sense in our region the far north

1061
00:47:56,890 --> 00:47:55,340
coast of New South Wales this area are

1062
00:48:00,070 --> 00:47:56,900
famous for its natural beauty and

1063
00:48:03,580 --> 00:48:00,080

relaxed lifestyle also has the lowest

1064

00:48:05,860 --> 00:48:03,590

rates of vaccination in Australia we are

1065

00:48:08,200 --> 00:48:05,870

out to change that by challenging the

1066

00:48:09,880 --> 00:48:08,210

myths and misinformation and by

1067

00:48:13,210 --> 00:48:09,890

providing good evidence-based

1068

00:48:15,040 --> 00:48:13,220

information to the community we'd love

1069

00:48:18,670 --> 00:48:15,050

for you no matter where you are in the

1070

00:48:26,500 --> 00:48:18,680

world to join our fight please visit our

1071

00:48:29,560 --> 00:48:26,510

webpage at WWF info we also have a link

1072

00:48:32,200 --> 00:48:29,570

there to our Facebook page tweet us at

1073

00:48:35,410 --> 00:48:32,210

in our FAQs supporters

1074

00:48:37,650 --> 00:48:35,420

that's vix and check us out on Wikipedia

1075

00:48:42,280 --> 00:48:37,660

by searching for Northern Rivers

1076

00:48:53,980 --> 00:48:42,290

vaccination supporters thank you

1077

00:48:57,890 --> 00:48:56,270

thank you for listening to the skeptic

1078

00:49:00,470 --> 00:48:57,900

zone a fun episode this week I think a

1079

00:49:03,049 --> 00:49:00,480

very different episode I really did

1080

00:49:05,599 --> 00:49:03,059

enjoy trumping through the cave the lava

1081

00:49:09,980 --> 00:49:05,609

cave with Brian Dunning it was so

1082

00:49:11,900 --> 00:49:09,990

interesting and pitch-black incredible

1083

00:49:15,289 --> 00:49:11,910

very very interesting what it does to

1084

00:49:17,660 --> 00:49:15,299

the senses and cold Wow was it cold down

1085

00:49:19,670 --> 00:49:17,670

there if you have a chance it was called

1086

00:49:23,510 --> 00:49:19,680

Boyd cave if you have a chance to check

1087

00:49:26,000 --> 00:49:23,520

out a lava tube cave yes sir it's a good

1088

00:49:29,420 --> 00:49:26,010

adventure coming up on next week's show

1089

00:49:31,039 --> 00:49:29,430

maybe some interviews from my talk here

1090

00:49:35,059 --> 00:49:31,049

from some of the attendees from my talk

1091

00:49:37,520 --> 00:49:35,069

here in Bend Oregon at Pappy's pizzeria

1092

00:49:40,309 --> 00:49:37,530

in a couple of days time Monday night

1093

00:49:42,680 --> 00:49:40,319

here in Oregon and maybe I can convince

1094

00:49:44,270 --> 00:49:42,690

one of my reporters to send me a they'll

1095

00:49:47,270 --> 00:49:44,280

report because I'll be travelling

1096

00:49:48,950 --> 00:49:47,280

midweek I'll be jumping on that airplane

1097

00:49:51,440 --> 00:49:48,960

once more heading back to Australia

1098

00:49:53,990 --> 00:49:51,450

where I lose a day due to the

1099

00:49:55,660 --> 00:49:54,000

International Dateline I leave on one

1100

00:49:59,809 --> 00:49:55,670

day but arrive for the day after

1101
00:50:02,359 --> 00:49:59,819
tomorrow I miss a day it's very strange

1102
00:50:04,700 --> 00:50:02,369
it's very strange then I'll be all

1103
00:50:06,740 --> 00:50:04,710
jet-lagged again but until next week

1104
00:50:08,059 --> 00:50:06,750
where I'll be reporting from Sydney

1105
00:50:16,190 --> 00:50:08,069
Australia this is Richard Saunders

1106
00:50:18,260 --> 00:50:16,200
signing off from Bend Oregon you've been

1107
00:50:23,720 --> 00:50:18,270
listening to the skeptic zone podcast

1108
00:50:26,750 --> 00:50:23,730
please visit our website at WWDC be for

1109
00:50:29,410 --> 00:50:26,760
show notes contacts and to access the

1110
00:50:32,720 --> 00:50:29,420
back catalog of episodes going back to

1111
00:50:36,349 --> 00:50:32,730
2008 you can follow the skeptic zone

1112
00:50:38,779 --> 00:50:36,359
podcast on twitter at skeptic zone visit

1113
00:50:42,109 --> 00:50:38,789

our facebook page or leave a review on

1114

00:50:45,500 --> 00:50:42,119

iTunes you can also support the skeptic

1115

00:50:47,839 --> 00:50:45,510

zone via patreon or PayPal the skeptic

1116

00:50:49,789 --> 00:50:47,849

zone podcast is an independent

1117

00:50:52,010 --> 00:50:49,799

production reviews and opinions

1118

00:50:54,140 --> 00:50:52,020

expressed on the skeptic zone are not

1119

00:50:57,080 --> 00:50:54,150

necessarily those of Australian skeptics

1120

00:51:05,880 --> 00:50:57,090

or any other sceptical organisation

1121

00:51:13,440 --> 00:51:10,120

way through what's that

1122

00:51:26,220 --> 00:51:13,450

[Applause]

1123

00:51:28,950 --> 00:51:26,230

boy there goes the magic all right there

1124

00:51:31,170 --> 00:51:28,960

you go - come - you're gonna make your

1125

00:51:34,530 --> 00:51:31,180

way noisily towards me when you get

1126

00:51:36,410 --> 00:51:34,540

close you say this is Brian done I don't

1127

00:51:43,260 --> 00:51:36,420

know what that is

1128

00:51:47,460 --> 00:51:43,270

damn it go back go back Bigfoot all

1129

00:51:50,069 --> 00:51:47,470

right one more whack of the thing I'm

1130

00:51:52,980 --> 00:51:50,079

actually crouched down behind what

1131

00:52:05,130 --> 00:51:52,990

you're listening to skeptoid I'm Brian

1132

00:52:07,079 --> 00:52:05,140

Dunning from skeptoid calm that's the