

Episode **681**

THE
**SKEPTIC
ZONE**
PODCAST

24 October 2021

www.skepticzone.tv



The Skeptic Zone Podcast
Episode 681 - 24 October 2021



Dr Karl Kruszelnicki

The Skeptic Zone Podcast
Episode 681 - 24 October 2021



Michelle Bijkersma

The Skeptic Zone Podcast
Episode 681 - 24 October 2021



Susan Gerbic

Dr Karl Kruszelnicki
Chickens!

Australian Skeptics News
Michelle Bijkersma

Dr Karl on that time he was young and
Susan Gerbic
100,000,000 page views
for GSoW

1
00:00:04,470 --> 00:00:02,070
this week's episode of the skeptic zone

2
00:00:05,829 --> 00:00:04,480
podcast is dedicated to the memory of

3
00:00:07,430 --> 00:00:05,839
martin hadley

4
00:00:09,350 --> 00:00:07,440
former president of the australian

5
00:00:17,910 --> 00:00:09,360
skeptics who left us

6
00:00:25,380 --> 00:00:20,550
welcome to the skeptic zone the podcast

7
00:00:28,270 --> 00:00:25,390
from australia for science and reason

8
00:00:34,950 --> 00:00:28,280
[Applause]

9
00:00:36,630 --> 00:00:34,960
[Music]

10
00:00:38,790 --> 00:00:36,640
yes it's the skeptic zone podcast

11
00:00:41,590 --> 00:00:38,800
episode number 681

12
00:00:42,950 --> 00:00:41,600
for the 24th of october 2021. richard

13
00:00:45,430 --> 00:00:42,960

saunders coming to you from sydney

14

00:00:48,069 --> 00:00:45,440

australia and i'm very sad to tell you

15

00:00:50,310 --> 00:00:48,079

that we've lost another

16

00:00:52,549 --> 00:00:50,320

wonderful skeptic in the last week

17

00:00:54,630 --> 00:00:52,559

martin hadley a good friend of mine

18

00:00:55,830 --> 00:00:54,640

for many years in fact martin hadley was

19

00:00:57,590 --> 00:00:55,840

on the

20

00:00:59,670 --> 00:00:57,600

committee of new south wales skeptics

21

00:01:01,750 --> 00:00:59,680

here in sydney when i joined

22

00:01:04,149 --> 00:01:01,760

in 2001

23

00:01:07,670 --> 00:01:04,159

he served as secretary

24

00:01:11,190 --> 00:01:07,680

as president and treasurer

25

00:01:12,950 --> 00:01:11,200

and our heartfelt condolences to

26

00:01:16,710 --> 00:01:12,960

his friends

27

00:01:20,310 --> 00:01:16,720

legal profession

28

00:01:22,230 --> 00:01:20,320

and to jessica and his family martin you

29

00:01:25,190 --> 00:01:22,240

will be sorely missed

30

00:01:26,070 --> 00:01:25,200

martin was a wonderful sounding board

31

00:01:28,310 --> 00:01:26,080

his

32

00:01:29,990 --> 00:01:28,320

calm rational

33

00:01:32,390 --> 00:01:30,000

well thought out approach

34

00:01:34,069 --> 00:01:32,400

i think saved my neck on more than one

35

00:01:35,830 --> 00:01:34,079

occasion

36

00:01:37,510 --> 00:01:35,840

but let's look to see what's coming up

37

00:01:39,590 --> 00:01:37,520

on this week's episode of the skeptics

38

00:01:42,149 --> 00:01:39,600

and podcast we have part two of the

39

00:01:44,550 --> 00:01:42,159

interview with dr carl kuzelniski this

40

00:01:45,830 --> 00:01:44,560

week kyle talks about coronavirus in

41

00:01:48,870 --> 00:01:45,840

chickens

42

00:01:50,230 --> 00:01:48,880

3d printing vaccines fossil fuels and

43

00:01:52,069 --> 00:01:50,240

climate change

44

00:01:53,429 --> 00:01:52,079

and lots more

45

00:01:55,510 --> 00:01:53,439

following that it's the australian

46

00:01:57,109 --> 00:01:55,520

skeptic's newsletter read by

47

00:01:59,030 --> 00:01:57,119

michelle bickersma

48

00:02:01,190 --> 00:01:59,040

i think adrian hill must be on some sort

49

00:02:04,469 --> 00:02:01,200

of vacation at the moment so michelle

50

00:02:05,749 --> 00:02:04,479

bickersma from logical fallacies

51

00:02:07,990 --> 00:02:05,759

and you can

52

00:02:10,229 --> 00:02:08,000

you can hear all of michelle's logical

53

00:02:12,470 --> 00:02:10,239

fallacies the segments she did last year

54

00:02:14,710 --> 00:02:12,480

at skepticzone.tv and just look for

55

00:02:16,710 --> 00:02:14,720

michelle's smiling face down the right

56

00:02:18,470 --> 00:02:16,720

side and that will take you to all her

57

00:02:20,710 --> 00:02:18,480

logical fallacies

58

00:02:23,270 --> 00:02:20,720

after that we interview susan gerbic

59

00:02:26,309 --> 00:02:23,280

from guerrilla skepticism on wikipedia

60

00:02:27,830 --> 00:02:26,319

because they have just reached one hell

61

00:02:29,670 --> 00:02:27,840

of a milestone

62

00:02:32,229 --> 00:02:29,680

100

63

00:02:34,390 --> 00:02:32,239

million page views for their work

64

00:02:37,270 --> 00:02:34,400
on wikipedia

65

00:02:39,589 --> 00:02:37,280
and i hook up with susan it was a live

66

00:02:41,750 --> 00:02:39,599
video hookup we did at the time

67

00:02:42,630 --> 00:02:41,760
and she will tell you more about that

68

00:02:44,390 --> 00:02:42,640
work

69

00:02:46,390 --> 00:02:44,400
and uh what it means

70

00:02:48,869 --> 00:02:46,400
stay tuned at the end of the episode for

71

00:02:50,070 --> 00:02:48,879
more announcements from me

72

00:02:52,309 --> 00:02:50,080
but now it's time for me to run

73

00:02:54,869 --> 00:02:52,319
downstairs and have an early morning

74

00:02:57,830 --> 00:02:54,879
glass of chardonnay

75

00:03:00,149 --> 00:02:57,840
in the memory of my friend martin hadley

76

00:03:11,700 --> 00:03:00,159

while i do that i hope you enjoy the

77

00:03:24,309 --> 00:03:21,990

[Music]

78

00:03:26,470 --> 00:03:24,319

as if by magic

79

00:03:28,789 --> 00:03:26,480

ah and we're

80

00:03:30,630 --> 00:03:28,799

back again we're back again

81

00:03:34,070 --> 00:03:30,640

i can hear you

82

00:03:35,990 --> 00:03:34,080

yep uh oh and getting the vision going

83

00:03:38,750 --> 00:03:36,000

and there it is there it is going

84

00:03:41,750 --> 00:03:38,760

wonderful okay you're ready to rock okay

85

00:03:43,430 --> 00:03:41,760

[Music]

86

00:03:44,949 --> 00:03:43,440

well it's my pleasure to once again

87

00:03:47,509 --> 00:03:44,959

welcome back to the show dr karl

88

00:03:49,190 --> 00:03:47,519

krulinski to continue our discussion

89

00:03:50,390 --> 00:03:49,200

from last week carl last week we were

90

00:03:55,030 --> 00:03:50,400

chatting about

91

00:03:57,990 --> 00:03:55,040

misinformation and how

92

00:03:59,270 --> 00:03:58,000

certain internet companies milk you for

93

00:04:02,229 --> 00:03:59,280

basically

94

00:04:05,509 --> 00:04:02,239

advertising revenue by various sort of

95

00:04:07,110 --> 00:04:05,519

ways now let's put on our prediction hat

96

00:04:09,350 --> 00:04:07,120

let's put on our prediction headless

97

00:04:12,229 --> 00:04:09,360

gaze into the crystal ball how do you

98

00:04:18,310 --> 00:04:12,239

see 2022 shaping up

99

00:04:20,390 --> 00:04:18,320

world we live in now um i think we're

100

00:04:23,909 --> 00:04:20,400

going to head down the pathway

101
00:04:27,510 --> 00:04:23,919
of dealing with the coronavirus

102
00:04:29,350 --> 00:04:27,520
via constant revaccination

103
00:04:31,430 --> 00:04:29,360
of everybody in the world yeah and let

104
00:04:33,189 --> 00:04:31,440
me emphasize everybody in the world you

105
00:04:35,990 --> 00:04:33,199
don't go to the swimming pool the public

106
00:04:39,510 --> 00:04:36,000
swimming pool and see a sign saying it's

107
00:04:41,990 --> 00:04:39,520
okay to wee in this corner

108
00:04:43,990 --> 00:04:42,000
because it spreads everywhere right you

109
00:04:45,110 --> 00:04:44,000
just got to vaccinate the whole world

110
00:04:47,670 --> 00:04:45,120
um

111
00:04:50,469 --> 00:04:47,680
and i've got a wonderful plan which i've

112
00:04:52,950 --> 00:04:50,479
been told out of a

113
00:04:54,629 --> 00:04:52,960

score of ten gets one oh yeah but

114

00:04:57,270 --> 00:04:54,639

nevertheless i'm still attracted to it

115

00:04:58,629 --> 00:04:57,280

all right so

116

00:05:01,110 --> 00:04:58,639

this is how we're going to get a so the

117

00:05:02,390 --> 00:05:01,120

big one is the coronavirus one um and

118

00:05:04,150 --> 00:05:02,400

this is how we're going to get out of it

119

00:05:05,029 --> 00:05:04,160

and it turns out that the

120

00:05:06,310 --> 00:05:05,039

um

121

00:05:09,029 --> 00:05:06,320

major

122

00:05:11,430 --> 00:05:09,039

the the most popular vaccine given right

123

00:05:14,870 --> 00:05:11,440

now on earth is a vaccine against

124

00:05:17,749 --> 00:05:14,880

coronavirus and it has been given to

125

00:05:19,270 --> 00:05:17,759

fight coronavirus for half a century

126
00:05:21,830 --> 00:05:19,280
and then slowly you think hang on hang

127
00:05:24,230 --> 00:05:21,840
on half a century cover's only been

128
00:05:26,950 --> 00:05:24,240
around for about two years and this

129
00:05:29,749 --> 00:05:26,960
coronavirus vaccine or the vaccines they

130
00:05:31,189 --> 00:05:29,759
save billions of lives every year and

131
00:05:33,029 --> 00:05:31,199
anything hang on

132
00:05:35,350 --> 00:05:33,039
there's just under eight billion people

133
00:05:36,550 --> 00:05:35,360
on a planet how can we save billions of

134
00:05:37,430 --> 00:05:36,560
lives

135
00:05:40,150 --> 00:05:37,440
and

136
00:05:41,350 --> 00:05:40,160
this saves billions of lives every year

137
00:05:43,990 --> 00:05:41,360
of chicken

138
00:05:46,710 --> 00:05:44,000

chickens correct so coronaviruses have

139

00:05:48,310 --> 00:05:46,720

been around for a while in humans and in

140

00:05:51,189 --> 00:05:48,320

chickens and they were perfectly

141

00:05:53,430 --> 00:05:51,199

harmless i mean you know before this one

142

00:05:55,590 --> 00:05:53,440

came along we had the coronaviruses in

143

00:05:57,909 --> 00:05:55,600

our nose for the common cold right and

144

00:05:59,510 --> 00:05:57,919

that was that wasn't a big deal and then

145

00:06:01,270 --> 00:05:59,520

the chickens had their coronaviruses and

146

00:06:06,230 --> 00:06:01,280

it wasn't a big deal until

147

00:06:11,029 --> 00:06:06,240

in 1937 one of them mutated and it went

148

00:06:13,510 --> 00:06:11,039

really nasty it killed the chickens via

149

00:06:17,749 --> 00:06:13,520

lung disease and kidney disease it could

150

00:06:19,270 --> 00:06:17,759

infect 100 of a flock within 24 hours

151
00:06:20,790 --> 00:06:19,280
and if it came into your flock all you

152
00:06:23,029 --> 00:06:20,800
could do was kill them burn them and

153
00:06:25,029 --> 00:06:23,039
bury them and hope that it didn't spread

154
00:06:27,670 --> 00:06:25,039
to the other chickens and there was a

155
00:06:29,110 --> 00:06:27,680
drop in chickens around the world until

156
00:06:32,790 --> 00:06:29,120
we came up with the first vaccine about

157
00:06:34,870 --> 00:06:32,800
half a century ago roll forward to today

158
00:06:37,550 --> 00:06:34,880
and the situation is that we've got

159
00:06:39,830 --> 00:06:37,560
about three or four hundred different

160
00:06:41,350 --> 00:06:39,840
coronaviruses chicken corona viruses

161
00:06:43,909 --> 00:06:41,360
they don't harm us at all they're

162
00:06:45,510 --> 00:06:43,919
roaming the planet looking for chickens

163
00:06:46,469 --> 00:06:45,520

to kill

164

00:06:48,469 --> 00:06:46,479

and

165

00:06:50,870 --> 00:06:48,479

to keep the chickens alive we've got

166

00:06:52,390 --> 00:06:50,880

about a hundred different chicken

167

00:06:54,469 --> 00:06:52,400

coronaviruses

168

00:06:55,909 --> 00:06:54,479

optimized for the four or five hundred

169

00:06:58,150 --> 00:06:55,919

three hundred different types of

170

00:07:01,270 --> 00:06:58,160

coronaviruses that can kill them and the

171

00:07:03,589 --> 00:07:01,280

situation today is that every virtually

172

00:07:05,589 --> 00:07:03,599

every commercial chicken

173

00:07:07,430 --> 00:07:05,599

is vaccinated at birth

174

00:07:09,029 --> 00:07:07,440

where they just spray it into the air oh

175

00:07:10,950 --> 00:07:09,039

yeah they breathe it in it lands on

176
00:07:12,390 --> 00:07:10,960
their feathers they prune their feathers

177
00:07:16,150 --> 00:07:12,400
broke they bring their feathers they get

178
00:07:17,430 --> 00:07:16,160
into them and every two weeks after

179
00:07:19,589 --> 00:07:17,440
for every two weeks of their life

180
00:07:23,029 --> 00:07:19,599
they're vaccinated against these things

181
00:07:25,430 --> 00:07:23,039
and as a result firstly the weight of

182
00:07:27,589 --> 00:07:25,440
chickens on the planet is greater than

183
00:07:30,390 --> 00:07:27,599
the weight of all the other birds put

184
00:07:31,909 --> 00:07:30,400
together even though if we didn't give

185
00:07:33,189 --> 00:07:31,919
them the vaccine the numbers would

186
00:07:34,710 --> 00:07:33,199
plummet down to a thousandth of a

187
00:07:36,150 --> 00:07:34,720
percent of what they are

188
00:07:38,950 --> 00:07:36,160

and secondly

189

00:07:41,430 --> 00:07:38,960

you can enjoy the thing called a

190

00:07:43,029 --> 00:07:41,440

chicken schnitty now for those listeners

191

00:07:45,110 --> 00:07:43,039

who are not australian can you explain

192

00:07:46,710 --> 00:07:45,120

what a chicken schnitty is a chicken

193

00:07:49,749 --> 00:07:46,720

schnitty or a chicken palm or a chicken

194

00:07:51,670 --> 00:07:49,759

schnitzel it's it's typical pub food

195

00:07:53,670 --> 00:07:51,680

isn't it it's it's probably not the

196

00:07:55,589 --> 00:07:53,680

healthiest for the overseas

197

00:07:57,510 --> 00:07:55,599

it's a public house it's a hotel it's a

198

00:07:59,350 --> 00:07:57,520

drinking establishment that usually has

199

00:08:01,510 --> 00:07:59,360

some sort of restaurant or something

200

00:08:02,550 --> 00:08:01,520

attached and pub food bar food is

201
00:08:06,070 --> 00:08:02,560
typically

202
00:08:08,390 --> 00:08:06,080
fish and chips or uh it's it's saturated

203
00:08:10,550 --> 00:08:08,400
in fat yeah soaked in fat cooked in fat

204
00:08:12,790 --> 00:08:10,560
very delicious very good

205
00:08:14,390 --> 00:08:12,800
yeah right so the point is that there'd

206
00:08:16,390 --> 00:08:14,400
be no such thing

207
00:08:17,830 --> 00:08:16,400
as a chicken schnitty

208
00:08:20,629 --> 00:08:17,840
or fried chicken

209
00:08:22,550 --> 00:08:20,639
or baked chicken or chicken soup

210
00:08:23,749 --> 00:08:22,560
if it wasn't for the fact that every

211
00:08:25,670 --> 00:08:23,759
chicken every commercial chicken is

212
00:08:27,749 --> 00:08:25,680
vaccinated every two weeks and so if you

213
00:08:29,510 --> 00:08:27,759

wanted chicken you'd hear about this

214

00:08:31,270 --> 00:08:29,520

thing called chicken and then you'd go

215

00:08:33,509 --> 00:08:31,280

for a drive out of the outskirts of town

216

00:08:35,029 --> 00:08:33,519

you find farmer and the

217

00:08:36,790 --> 00:08:35,039

farms would be small enough in their

218

00:08:39,430 --> 00:08:36,800

chicken populations that they wouldn't

219

00:08:41,190 --> 00:08:39,440

be effective breeding grounds and so the

220

00:08:42,949 --> 00:08:41,200

coronavirus wouldn't have a large

221

00:08:44,550 --> 00:08:42,959

population to spread through it'll just

222

00:08:46,389 --> 00:08:44,560

die out and you could have just a little

223

00:08:49,350 --> 00:08:46,399

isolated pockets here and there and you

224

00:08:50,949 --> 00:08:49,360

say hey try this meat we call it chicken

225

00:08:54,550 --> 00:08:50,959

oh yeah chicken is that what chicken is

226

00:08:55,750 --> 00:08:54,560

right and so rolling forward i see this

227

00:08:57,990 --> 00:08:55,760

um

228

00:09:00,710 --> 00:08:58,000

future and i'd like to point out that

229

00:09:03,269 --> 00:09:00,720

this um prediction of mine or the whole

230

00:09:06,070 --> 00:09:03,279

story was rated in terms of

231

00:09:07,670 --> 00:09:06,080

reasonable to believe at one out of ten

232

00:09:10,710 --> 00:09:07,680

which is way down there right and this

233

00:09:14,630 --> 00:09:10,720

is by uh professor

234

00:09:17,350 --> 00:09:14,640

dr dr numero uno sharon lewin

235

00:09:19,110 --> 00:09:17,360

and so she's a professor of medicine

236

00:09:22,710 --> 00:09:19,120

she's a doctor

237

00:09:24,949 --> 00:09:22,720

of phd in virology

238

00:09:26,949 --> 00:09:24,959

she's also a medical doctor and a

239

00:09:28,310 --> 00:09:26,959

specialist in infectious diseases and

240

00:09:30,389 --> 00:09:28,320

the number one part is that she's the

241

00:09:32,949 --> 00:09:30,399

boss of the doughty institute so she's

242

00:09:35,190 --> 00:09:32,959

got lots of credibility and expertise in

243

00:09:37,110 --> 00:09:35,200

these fields where i do not let me just

244

00:09:38,550 --> 00:09:37,120

point that out right but we

245

00:09:40,310 --> 00:09:38,560

i tried to get her up to one and a half

246

00:09:43,030 --> 00:09:40,320

and she said maybe

247

00:09:44,070 --> 00:09:43,040

but okay so here's my prediction

248

00:09:46,389 --> 00:09:44,080

that in

249

00:09:48,710 --> 00:09:46,399

some time in the not too distant future

250

00:09:50,470 --> 00:09:48,720

you'll go to the gp and and this is not

251
00:09:53,990 --> 00:09:50,480
2022 to answer your question via a long

252
00:09:55,910 --> 00:09:54,000
involved pathway so maybe it's 2032

253
00:09:57,590 --> 00:09:55,920
then you'll go to see the gp and they'll

254
00:09:59,430 --> 00:09:57,600
say hi richard look thanks for coming in

255
00:10:00,949 --> 00:09:59,440
let's have a look at your dna with

256
00:10:03,509 --> 00:10:00,959
regard to

257
00:10:06,069 --> 00:10:03,519
the current strains of coronavirus and

258
00:10:08,310 --> 00:10:06,079
looking at the short arm of chromosome 6

259
00:10:09,910 --> 00:10:08,320
where you have the human leukocytic

260
00:10:12,470 --> 00:10:09,920
antigen focus we can see that you've got

261
00:10:15,190 --> 00:10:12,480
certain strengths and weaknesses and

262
00:10:17,590 --> 00:10:15,200
frailnesses and strengths with regard to

263
00:10:19,269 --> 00:10:17,600

the coronaviruses here in the city that

264

00:10:20,630 --> 00:10:19,279

you live where you're going on holidays

265

00:10:22,310 --> 00:10:20,640

for the next six months i'll ask you and

266

00:10:24,630 --> 00:10:22,320

you'll say wollongong of course yeah the

267

00:10:26,470 --> 00:10:24,640

center of the universe as well as hawaii

268

00:10:28,630 --> 00:10:26,480

and then i'll look up what coronaviruses

269

00:10:30,710 --> 00:10:28,640

are there and then

270

00:10:34,150 --> 00:10:30,720

in the doctor's surgery

271

00:10:36,150 --> 00:10:34,160

using a 3d printer they will print off a

272

00:10:38,150 --> 00:10:36,160

bunch of vaccines that will cover you

273

00:10:40,310 --> 00:10:38,160

for the next six months in the same way

274

00:10:42,630 --> 00:10:40,320

that chickens are vaccinated every two

275

00:10:44,150 --> 00:10:42,640

weeks so the coronavirus

276

00:10:47,269 --> 00:10:44,160

may

277

00:10:49,430 --> 00:10:47,279

mutate to be the same or worse or or

278

00:10:51,430 --> 00:10:49,440

better if if it goes to be more mild we

279

00:10:54,069 --> 00:10:51,440

won't need this but if like with the

280

00:10:56,150 --> 00:10:54,079

chickens it stays nasty well we'll just

281

00:10:57,750 --> 00:10:56,160

infect ourselves and we'll just have to

282

00:10:59,590 --> 00:10:57,760

get vaccinated every six months and

283

00:11:01,829 --> 00:10:59,600

that's not that bad because

284

00:11:03,030 --> 00:11:01,839

i mean yeah you have to make redo the

285

00:11:05,590 --> 00:11:03,040

sheets on your bed every six months

286

00:11:07,509 --> 00:11:05,600

whether they need it or not so

287

00:11:09,670 --> 00:11:07,519

six months yes of course yes

288

00:11:11,350 --> 00:11:09,680

well i actually did discover when i was

289

00:11:12,790 --> 00:11:11,360

a drug crazed hippie you can increase

290

00:11:14,389 --> 00:11:12,800

the lifespan

291

00:11:16,069 --> 00:11:14,399

of the sheets by

292

00:11:18,069 --> 00:11:16,079

vacuuming them did you know that you

293

00:11:20,790 --> 00:11:18,079

could vacuum them no you didn't know

294

00:11:22,069 --> 00:11:20,800

that i did not know such a live ski ah

295

00:11:23,910 --> 00:11:22,079

you can double the time before you have

296

00:11:25,590 --> 00:11:23,920

to wash your sheets but anyway so that's

297

00:11:27,110 --> 00:11:25,600

my prediction and i'd like to point out

298

00:11:28,389 --> 00:11:27,120

that i'm not an expert and that an

299

00:11:30,949 --> 00:11:28,399

expert

300

00:11:32,470 --> 00:11:30,959

professor doctor doctor numero uno of

301
00:11:35,509 --> 00:11:32,480
the dodi institute professor sharon

302
00:11:37,670 --> 00:11:35,519
lewin did say she rated it as one out of

303
00:11:39,670 --> 00:11:37,680
10 on feasibility but anyway that's the

304
00:11:42,710 --> 00:11:39,680
kind of the pathway i'm thinking of for

305
00:11:46,310 --> 00:11:42,720
better or for worse something similar

306
00:11:49,190 --> 00:11:46,320
3d printers began began in the mid 80s

307
00:11:50,949 --> 00:11:49,200
as what were called rapid prototyping

308
00:11:52,790 --> 00:11:50,959
machines really

309
00:11:54,470 --> 00:11:52,800
and so what you would do would be to

310
00:11:55,430 --> 00:11:54,480
spray

311
00:11:58,310 --> 00:11:55,440
or

312
00:12:01,030 --> 00:11:58,320
pour out a layer of a special liquid

313
00:12:02,470 --> 00:12:01,040

resin one third of a millimeter thick

314

00:12:04,949 --> 00:12:02,480

and then

315

00:12:06,230 --> 00:12:04,959

hit it with ultraviolet radiation in a

316

00:12:08,069 --> 00:12:06,240

certain pattern

317

00:12:10,710 --> 00:12:08,079

and then add another third of a

318

00:12:12,310 --> 00:12:10,720

millimeter and then do a slight the same

319

00:12:14,150 --> 00:12:12,320

or a slightly different pattern and keep

320

00:12:15,269 --> 00:12:14,160

on repeating and repeating and repeating

321

00:12:17,509 --> 00:12:15,279

and then

322

00:12:20,230 --> 00:12:17,519

after three hours you would have this

323

00:12:21,269 --> 00:12:20,240

plastic thing which would be a high heel

324

00:12:22,949 --> 00:12:21,279

shoe

325

00:12:25,509 --> 00:12:22,959

it would have cost you a hundred dollars

326

00:12:28,550 --> 00:12:25,519

and taken three hours instead of fifteen

327

00:12:31,350 --> 00:12:28,560

hundred dollars and a week and a half

328

00:12:33,590 --> 00:12:31,360

and from that we've moved to cheap

329

00:12:34,949 --> 00:12:33,600

little crappy things made out of plastic

330

00:12:38,470 --> 00:12:34,959

to

331

00:12:41,350 --> 00:12:38,480

we can print machines that are basically

332

00:12:43,350 --> 00:12:41,360

the size of my skull

333

00:12:45,350 --> 00:12:43,360

they've got about 20 different metals in

334

00:12:47,030 --> 00:12:45,360

them and they survive in an environment

335

00:12:49,269 --> 00:12:47,040

where the temperature is around a

336

00:12:50,870 --> 00:12:49,279

thousand degrees c and the wind is a

337

00:12:53,670 --> 00:12:50,880

hundred is a thousand kilometers per

338

00:12:56,150 --> 00:12:53,680

hour we're talking about fuel pumps

339

00:12:58,949 --> 00:12:56,160

inside jet engines inside

340

00:13:00,949 --> 00:12:58,959

inside jet engines fuel pumps inside not

341

00:13:02,389 --> 00:13:00,959

outside inside

342

00:13:04,470 --> 00:13:02,399

and they used to cost five million

343

00:13:06,629 --> 00:13:04,480

dollars but by printing they cost a

344

00:13:09,670 --> 00:13:06,639

quarter of a million dollars yeah and at

345

00:13:11,030 --> 00:13:09,680

the moment we're just seeing

346

00:13:14,389 --> 00:13:11,040

the move

347

00:13:15,190 --> 00:13:14,399

from 3d printing of cheap plastics at

348

00:13:16,470 --> 00:13:15,200

home

349

00:13:18,629 --> 00:13:16,480

into metals

350

00:13:21,509 --> 00:13:18,639

now the first metal ones are coming

351

00:13:23,910 --> 00:13:21,519

online the first metal 3d printers are

352

00:13:26,150 --> 00:13:23,920

coming online and

353

00:13:27,670 --> 00:13:26,160

here's a and they're going to be able to

354

00:13:29,350 --> 00:13:27,680

print vaccines now here's a question for

355

00:13:31,590 --> 00:13:29,360

you you probably didn't know tell me if

356

00:13:34,389 --> 00:13:31,600

you know this or not did you know that

357

00:13:36,550 --> 00:13:34,399

australia has its own official

358

00:13:39,430 --> 00:13:36,560

flock of government

359

00:13:41,750 --> 00:13:39,440

influenza vaccine chickens

360

00:13:44,230 --> 00:13:41,760

i must admit i did not know that their

361

00:13:47,110 --> 00:13:44,240

only job is to lay eggs which then into

362

00:13:49,350 --> 00:13:47,120

which a syringe is inserted

363

00:13:51,430 --> 00:13:49,360

and a little bit later a vaccine starts

364

00:13:53,590 --> 00:13:51,440

growing following biological processes

365

00:13:56,550 --> 00:13:53,600

inside the egg and then the egg is

366

00:13:59,030 --> 00:13:56,560

filtered and then the good stuff

367

00:14:01,110 --> 00:13:59,040

is put into a little vial to give you

368

00:14:02,870 --> 00:14:01,120

the influenza vaccine

369

00:14:04,870 --> 00:14:02,880

and the rest of it

370

00:14:06,310 --> 00:14:04,880

is kind of i don't know they should make

371

00:14:09,750 --> 00:14:06,320

a giant omelette ever i don't know i'll

372

00:14:11,509 --> 00:14:09,760

throw it away but the point is um that

373

00:14:13,910 --> 00:14:11,519

that's why some people are warned

374

00:14:15,430 --> 00:14:13,920

against having an egg allergy yes

375

00:14:18,230 --> 00:14:15,440

i've heard that yes right yeah yeah

376

00:14:20,230 --> 00:14:18,240

because the vaccines in some cases

377

00:14:22,629 --> 00:14:20,240

are grown on eggs now the whole thing

378

00:14:24,629 --> 00:14:22,639

about this mrna thing is what you do is

379

00:14:25,990 --> 00:14:24,639

you get a bunch of carbon hydrogen

380

00:14:27,750 --> 00:14:26,000

oxygen and nitrogen and maybe

381

00:14:29,590 --> 00:14:27,760

phosphorous atoms

382

00:14:30,949 --> 00:14:29,600

and you line them up and you put them in

383

00:14:32,150 --> 00:14:30,959

as feedstock and you shove them into the

384

00:14:33,670 --> 00:14:32,160

printer

385

00:14:34,949 --> 00:14:33,680

now we're not doing it through a 3d

386

00:14:37,269 --> 00:14:34,959

printer we're doing it in a factory at

387

00:14:40,150 --> 00:14:37,279

the moment with the mrna vaccines they

388

00:14:41,189 --> 00:14:40,160

don't go nowhere near a living chicken

389

00:14:47,750 --> 00:14:41,199

egg

390

00:14:50,150 --> 00:14:47,760

made entirely from what we'd call dead

391

00:14:52,150 --> 00:14:50,160

but organic meaning they hold carbon

392

00:14:53,990 --> 00:14:52,160

chemicals and i'm predicting

393

00:14:55,189 --> 00:14:54,000

um bearing in mind it's very difficult

394

00:14:58,150 --> 00:14:55,199

to make predictions especially about the

395

00:15:00,790 --> 00:14:58,160

future that 3d printers will be able to

396

00:15:02,790 --> 00:15:00,800

print off vaccines maybe 10 years is too

397

00:15:05,269 --> 00:15:02,800

soon but i think this would be a good

398

00:15:08,550 --> 00:15:05,279

goal for some clever

399

00:15:09,990 --> 00:15:08,560

biomedical biology science engineering

400

00:15:11,750 --> 00:15:10,000

people to go out and get fabulously

401
00:15:13,110 --> 00:15:11,760
wealthy because we're going to need

402
00:15:16,310 --> 00:15:13,120
vaccines yeah we're going to need

403
00:15:18,389 --> 00:15:16,320
vaccines forever so hey get into it and

404
00:15:19,990 --> 00:15:18,399
all that richard and i ask we can't

405
00:15:21,750 --> 00:15:20,000
paint it because we've put the idea out

406
00:15:23,030 --> 00:15:21,760
of the public domain but all we ask is

407
00:15:24,949 --> 00:15:23,040
that you showed us a cup of tea and

408
00:15:26,790 --> 00:15:24,959
coffee and maybe a slice of cake one day

409
00:15:28,550 --> 00:15:26,800
when you're fabulously wealthy ability

410
00:15:30,790 --> 00:15:28,560
or a chicken schnitzel maybe down at the

411
00:15:33,110 --> 00:15:30,800
local pub we'll settle for that

412
00:15:35,189 --> 00:15:33,120
yeah let me know let our listeners know

413
00:15:38,310 --> 00:15:35,199

are you working on your next book at the

414

00:15:39,910 --> 00:15:38,320

moment um thinking about it um

415

00:15:42,629 --> 00:15:39,920

social media is important book is

416

00:15:45,110 --> 00:15:42,639

important they have different needs so

417

00:15:48,389 --> 00:15:45,120

my last two books uh my last three books

418

00:15:50,790 --> 00:15:48,399

um road trip and serving safari were the

419

00:15:51,990 --> 00:15:50,800

first books in the known universe as far

420

00:15:54,389 --> 00:15:52,000

as i can tell

421

00:15:57,030 --> 00:15:54,399

that had pop-up holograms oh yeah

422

00:15:59,350 --> 00:15:57,040

so you you download the modestly named

423

00:16:01,189 --> 00:15:59,360

dr carl app oh by the way here's a time

424

00:16:03,749 --> 00:16:01,199

for a bit of humble bragging oh richard

425

00:16:07,189 --> 00:16:03,759

do you have a richard saunders app i

426

00:16:10,069 --> 00:16:07,199

can't say that i do oh fake sympathy

427

00:16:10,870 --> 00:16:10,079

fake sympathy humble brag go on go on dr

428

00:16:13,030 --> 00:16:10,880

carl

429

00:16:14,949 --> 00:16:13,040

tell me more yeah you say you download

430

00:16:16,870 --> 00:16:14,959

the modestly named dr carl app on any

431

00:16:19,590 --> 00:16:16,880

platform right

432

00:16:21,829 --> 00:16:19,600

then point the camera on your phone at

433

00:16:24,949 --> 00:16:21,839

the cover page of every story in my book

434

00:16:28,069 --> 00:16:24,959

and so there's a story there about dead

435

00:16:29,829 --> 00:16:28,079

fish swimming and we point out as i pop

436

00:16:30,629 --> 00:16:29,839

up magically at any hour of the day or

437

00:16:32,870 --> 00:16:30,639

night

438

00:16:33,670 --> 00:16:32,880

i pop up and i point out that

439

00:16:35,269 --> 00:16:33,680

maybe

440

00:16:37,910 --> 00:16:35,279

we should have looked to the ocean for

441

00:16:39,509 --> 00:16:37,920

the vampires because these creatures are

442

00:16:40,470 --> 00:16:39,519

dead and they can still keep on moving

443

00:16:41,990 --> 00:16:40,480

and then

444

00:16:44,230 --> 00:16:42,000

if you press one of the buttons under my

445

00:16:46,629 --> 00:16:44,240

feet you can then

446

00:16:47,990 --> 00:16:46,639

get taken to a home page where you see a

447

00:16:49,670 --> 00:16:48,000

video

448

00:16:52,230 --> 00:16:49,680

of a fish swimming

449

00:16:54,949 --> 00:16:52,240

and it's been dead for a day ooh and

450

00:16:56,470 --> 00:16:54,959

yeah okay so zombie fish yeah that was

451
00:16:59,910 --> 00:16:56,480
books number three and two in the past

452
00:17:01,509 --> 00:16:59,920
number 45 and 46 47 was a little book of

453
00:17:03,350 --> 00:17:01,519
climate change science and there's a

454
00:17:05,669 --> 00:17:03,360
bunch of climate change science books

455
00:17:06,549 --> 00:17:05,679
around and i'd highly recommend

456
00:17:07,909 --> 00:17:06,559
mine

457
00:17:10,309 --> 00:17:07,919
of course

458
00:17:11,990 --> 00:17:10,319
an ego but i would really extra

459
00:17:15,590 --> 00:17:12,000
recommend the one

460
00:17:18,069 --> 00:17:15,600
by michael mann on the climate wars and

461
00:17:20,390 --> 00:17:18,079
how the fossil fuel companies are still

462
00:17:22,710 --> 00:17:20,400
pushing for us to keep on burning fossil

463
00:17:23,829 --> 00:17:22,720

fuels even though they did the best

464

00:17:26,789 --> 00:17:23,839

research

465

00:17:29,430 --> 00:17:26,799

into fossil fuels in the 70s and 80s and

466

00:17:31,190 --> 00:17:29,440

they had proved to their satisfaction

467

00:17:33,510 --> 00:17:31,200

that fossil fuels were causing global

468

00:17:36,950 --> 00:17:33,520

warming and they knew this and they said

469

00:17:39,190 --> 00:17:36,960

this in 1977 wow and then in 199 yeah

470

00:17:42,630 --> 00:17:39,200

1977 and in fact the fossil fuel

471

00:17:43,990 --> 00:17:42,640

companies believed it so much that

472

00:17:47,029 --> 00:17:44,000

exxon the biggest company in the world

473

00:17:49,669 --> 00:17:47,039

at the time decided not to develop the

474

00:17:52,710 --> 00:17:49,679

biggest gas field in the whole world the

475

00:17:55,510 --> 00:17:52,720

tuna in a tuna gas field in the south

476
00:17:57,590 --> 00:17:55,520
china sea sort of malaysia indonesia the

477
00:18:00,549 --> 00:17:57,600
philippines you know that sort of area

478
00:18:01,350 --> 00:18:00,559
because while it did contain

479
00:18:04,150 --> 00:18:01,360
30

480
00:18:05,909 --> 00:18:04,160
methane it contained 70 carbon dioxide

481
00:18:08,390 --> 00:18:05,919
and it would have been the largest

482
00:18:10,310 --> 00:18:08,400
single point emitter of carbon dioxide

483
00:18:12,150 --> 00:18:10,320
on the planet and by itself would have

484
00:18:13,830 --> 00:18:12,160
accounted for 1 of all carbon dioxide

485
00:18:16,630 --> 00:18:13,840
emissions back then and the fossil fuel

486
00:18:18,789 --> 00:18:16,640
companies decided to not go ahead and

487
00:18:20,470 --> 00:18:18,799
develop it because carbon dioxide

488
00:18:23,350 --> 00:18:20,480

emissions were something they had to

489

00:18:25,190 --> 00:18:23,360

drop back on and in 1990 they chucked

490

00:18:27,350 --> 00:18:25,200

the ue and started

491

00:18:28,870 --> 00:18:27,360

a massive disinformation campaign read

492

00:18:31,909 --> 00:18:28,880

the book

493

00:18:33,350 --> 00:18:31,919

merchants of doubt by naomi oriski's and

494

00:18:36,470 --> 00:18:33,360

also read the book

495

00:18:37,750 --> 00:18:36,480

climate wars by michael mann so

496

00:18:39,830 --> 00:18:37,760

the bottom line with the whole climate

497

00:18:42,150 --> 00:18:39,840

change thing is that with today's

498

00:18:44,070 --> 00:18:42,160

technology we can actually stop and

499

00:18:45,830 --> 00:18:44,080

begin to reverse global warming within

500

00:18:48,310 --> 00:18:45,840

10 years but we've got to follow the

501
00:18:51,190 --> 00:18:48,320
example of the americans

502
00:18:53,430 --> 00:18:51,200
after the 7th of december 1940 when they

503
00:18:54,710 --> 00:18:53,440
got bombed at pearl harbor

504
00:18:56,789 --> 00:18:54,720
and

505
00:18:59,669 --> 00:18:56,799
in the previous half century they had

506
00:19:01,350 --> 00:18:59,679
made three thousand aeroplanes

507
00:19:03,750 --> 00:19:01,360
in the next four years they made not

508
00:19:06,870 --> 00:19:03,760
three thousand three hundred thousand

509
00:19:07,830 --> 00:19:06,880
yeah yeah that's the sort of political

510
00:19:09,990 --> 00:19:07,840
effort

511
00:19:12,150 --> 00:19:10,000
and mobilization that we need and if we

512
00:19:13,909 --> 00:19:12,160
do that we can bring

513
00:19:14,950 --> 00:19:13,919

the carbon dioxide levels back to what

514

00:19:17,909 --> 00:19:14,960

they were

515

00:19:20,150 --> 00:19:17,919

in the 20th century we can easily fix up

516

00:19:21,830 --> 00:19:20,160

steel and carbon dioxide steel and

517

00:19:23,909 --> 00:19:21,840

concrete which are

518

00:19:25,909 --> 00:19:23,919

total of 15 of world carbon emissions we

519

00:19:27,750 --> 00:19:25,919

can fix that in 10 years we just have to

520

00:19:29,190 --> 00:19:27,760

make the political decision so i don't

521

00:19:30,710 --> 00:19:29,200

know if i'll write another book about

522

00:19:32,150 --> 00:19:30,720

that um

523

00:19:33,909 --> 00:19:32,160

it seems to have

524

00:19:35,110 --> 00:19:33,919

taken off i wrote my first story about

525

00:19:36,110 --> 00:19:35,120

climate change

526

00:19:38,630 --> 00:19:36,120

in

527

00:19:41,669 --> 00:19:38,640

1981. wow

528

00:19:43,990 --> 00:19:41,679

yeah and back then um

529

00:19:45,909 --> 00:19:44,000

the world's largest reinsurance company

530

00:19:47,350 --> 00:19:45,919

munigrey so you know about insurance

531

00:19:50,390 --> 00:19:47,360

companies that ensure people like you

532

00:19:51,909 --> 00:19:50,400

and me insurance bicycle insurmo car all

533

00:19:54,150 --> 00:19:51,919

that sort of stuff but then there's the

534

00:19:55,510 --> 00:19:54,160

big guys the reinsurance companies

535

00:19:56,630 --> 00:19:55,520

and they will

536

00:19:59,190 --> 00:19:56,640

so

537

00:20:02,070 --> 00:19:59,200

you might have say a hailstone

538

00:20:04,870 --> 00:20:02,080

storm go through a big city and all the

539

00:20:06,870 --> 00:20:04,880

cars get damaged so if it turns out that

540

00:20:08,789 --> 00:20:06,880

one or two companies have the car

541

00:20:10,870 --> 00:20:08,799

insurance for most of the cars in those

542

00:20:13,270 --> 00:20:10,880

two cities they will then reinsure

543

00:20:15,830 --> 00:20:13,280

themselves against a hail storm

544

00:20:17,669 --> 00:20:15,840

with a reinsurance company they re they

545

00:20:19,510 --> 00:20:17,679

spread the risk around the world and the

546

00:20:21,590 --> 00:20:19,520

world's biggest reinsurance company

547

00:20:24,950 --> 00:20:21,600

munich re re

548

00:20:26,310 --> 00:20:24,960

they in 1973

549

00:20:27,990 --> 00:20:26,320

recognized

550

00:20:30,230 --> 00:20:28,000

that something that they called the

551
00:20:32,789 --> 00:20:30,240
greenhouse effect was happening it was

552
00:20:34,710 --> 00:20:32,799
causing an increase in

553
00:20:35,590 --> 00:20:34,720
disaster payouts

554
00:20:36,950 --> 00:20:35,600
and

555
00:20:40,390 --> 00:20:36,960
nothing personal it was just strictly

556
00:20:42,710 --> 00:20:40,400
business they increased the premiums and

557
00:20:45,270 --> 00:20:42,720
so did everybody else 1973 and remember

558
00:20:47,350 --> 00:20:45,280
the insurance companies picked up the

559
00:20:50,230 --> 00:20:47,360
smoking cigarettes was bad for your

560
00:20:51,909 --> 00:20:50,240
health before the medical doctors admit

561
00:20:53,510 --> 00:20:51,919
nothing personal is just business you

562
00:20:55,430 --> 00:20:53,520
want to get the life insurance policy

563
00:20:56,789 --> 00:20:55,440

was make sure uh do you smoke cigarettes

564

00:20:57,990 --> 00:20:56,799

yes you have to pay more okay another

565

00:20:59,909 --> 00:20:58,000

insurance company doesn't matter they'll

566

00:21:01,590 --> 00:20:59,919

charge you more too every

567

00:21:02,630 --> 00:21:01,600

it was nothing personal or strictly

568

00:21:05,029 --> 00:21:02,640

business

569

00:21:06,870 --> 00:21:05,039

so am i writing another book um i think

570

00:21:08,390 --> 00:21:06,880

so

571

00:21:10,710 --> 00:21:08,400

how about you what are you doing for the

572

00:21:12,390 --> 00:21:10,720

next little bit well

573

00:21:13,990 --> 00:21:12,400

i've got a cat who's just decided to

574

00:21:16,149 --> 00:21:14,000

join our conversation as you can see

575

00:21:17,190 --> 00:21:16,159

behind me there so i'll be taming the

576

00:21:20,070 --> 00:21:17,200

cat

577

00:21:22,870 --> 00:21:20,080

for the next little bit my big um

578

00:21:24,230 --> 00:21:22,880

my my big project over the past decade

579

00:21:26,070 --> 00:21:24,240

or so has been the great australian

580

00:21:28,070 --> 00:21:26,080

psychic prediction project

581

00:21:30,110 --> 00:21:28,080

we have catalogued

582

00:21:33,990 --> 00:21:30,120

3

583

00:21:36,310 --> 00:21:34,000

800 plus predictions from psychics

584

00:21:37,750 --> 00:21:36,320

in australia published in australia

585

00:21:40,870 --> 00:21:37,760

fully referenced

586

00:21:44,070 --> 00:21:40,880

and that project that the the results

587

00:21:46,390 --> 00:21:44,080

will be published um in uh in a couple

588

00:21:48,070 --> 00:21:46,400

of weeks in some weeks at the skeptic on

589

00:21:50,390 --> 00:21:48,080

the australian and new zealand annual

590

00:21:53,190 --> 00:21:50,400

convention so that's my big

591

00:21:53,990 --> 00:21:53,200

focus at the moment it's the biggest i'm

592

00:21:58,149 --> 00:21:54,000

sure

593

00:22:00,789 --> 00:21:58,159

of such projects ever undertaken

594

00:22:03,590 --> 00:22:00,799

anywhere in the world wow and did they

595

00:22:05,270 --> 00:22:03,600

achieve roughly 50 accuracy you'll have

596

00:22:06,789 --> 00:22:05,280

to wait and find out dr cole with

597

00:22:09,270 --> 00:22:06,799

everybody else when i publish the

598

00:22:11,190 --> 00:22:09,280

official results but uh i will

599

00:22:13,350 --> 00:22:11,200

you know tell you that from a skeptical

600

00:22:16,310 --> 00:22:13,360

point of view it's more or less what we

601
00:22:18,630 --> 00:22:16,320
sort of thought it would be ah well were

602
00:22:21,909 --> 00:22:18,640
they as bad as captain scott you now you

603
00:22:23,590 --> 00:22:21,919
remember uh spock from star trek yes mr

604
00:22:27,750 --> 00:22:23,600
spock the guy with the point is yes yeah

605
00:22:31,029 --> 00:22:27,760
the point is um part vulcan yes part

606
00:22:33,270 --> 00:22:31,039
human had to actually be taken from one

607
00:22:35,830 --> 00:22:33,280
female reproductive organ grown in a

608
00:22:37,750 --> 00:22:35,840
vatican put back again to complete his

609
00:22:41,350 --> 00:22:37,760
um proper gestation because it was so

610
00:22:44,390 --> 00:22:41,360
complicated having a human hybrid um his

611
00:22:46,070 --> 00:22:44,400
uh failure rate with predictions

612
00:22:48,149 --> 00:22:46,080
was 83 percent

613
00:22:50,549 --> 00:22:48,159

i am very confident captain kirk that we

614

00:22:54,149 --> 00:22:50,559

have only a one in 7 200 chance of

615

00:22:55,669 --> 00:22:54,159

surviving wrong again he was wrong 83 of

616

00:22:58,070 --> 00:22:55,679

the time and

617

00:23:00,950 --> 00:22:58,080

the more confident that he was

618

00:23:02,549 --> 00:23:00,960

the more likely he was to be wrong

619

00:23:03,909 --> 00:23:02,559

that's he should have been a psychic

620

00:23:06,230 --> 00:23:03,919

then he should have been a psychic in

621

00:23:08,390 --> 00:23:06,240

the in the project

622

00:23:11,350 --> 00:23:08,400

carl i i will let you in on on the

623

00:23:13,510 --> 00:23:11,360

secret in a uh maybe in another time

624

00:23:15,830 --> 00:23:13,520

exactly what we found out but for now

625

00:23:17,990 --> 00:23:15,840

where can people go where can they run

626

00:23:20,310 --> 00:23:18,000

to to find out more about what you're up

627

00:23:22,070 --> 00:23:20,320

to buy your books have a look at your

628

00:23:23,990 --> 00:23:22,080

tick tock and all the rest of it okay

629

00:23:25,270 --> 00:23:24,000

well it'd be very nice you've bought my

630

00:23:27,669 --> 00:23:25,280

books but you can get the stories for

631

00:23:29,669 --> 00:23:27,679

free in a shorter form uh

632

00:23:32,230 --> 00:23:29,679

on the great moments in science program

633

00:23:34,830 --> 00:23:32,240

on abc radio so if you're a bit sure to

634

00:23:38,230 --> 00:23:34,840

do i don't mind at all uh also go to

635

00:23:40,950 --> 00:23:38,240

drcarl.com d-r-k-a-r-l.com

636

00:23:42,310 --> 00:23:40,960

and i do free science q a sessions with

637

00:23:43,990 --> 00:23:42,320

schools all around the world every

638

00:23:45,190 --> 00:23:44,000

wednesday afternoon if you're outside

639

00:23:47,029 --> 00:23:45,200

australia we can pick a different type

640

00:23:48,310 --> 00:23:47,039

of suitable to your time zone and

641

00:23:50,870 --> 00:23:48,320

there's all sorts of other free stuff

642

00:23:52,390 --> 00:23:50,880

there as well um and if i've made a

643

00:23:55,350 --> 00:23:52,400

mistake please let me know as soon as

644

00:23:57,190 --> 00:23:55,360

possible so that i can fix it um and

645

00:23:59,430 --> 00:23:57,200

tick-tock and twitter and all that other

646

00:24:00,950 --> 00:23:59,440

sort of stuff look um but most

647

00:24:02,549 --> 00:24:00,960

importantly if i make a mistake please

648

00:24:04,950 --> 00:24:02,559

let me know as soon as possible and

649

00:24:06,950 --> 00:24:04,960

that's the true spirit of science folks

650

00:24:08,549 --> 00:24:06,960

i will link to all those in this week's

651

00:24:10,789 --> 00:24:08,559

show notes once again dr karl

652

00:24:12,789 --> 00:24:10,799

kruszelinski a pleasure to see you after

653

00:24:15,430 --> 00:24:12,799

all this time and let's hope that uh

654

00:24:17,269 --> 00:24:15,440

maybe early in 2022 we can catch up in

655

00:24:19,500 --> 00:24:17,279

person that would be lovely pj king

656

00:24:28,710 --> 00:24:19,510

catch you then

657

00:24:30,870 --> 00:24:28,720

[Music]

658

00:24:34,310 --> 00:24:30,880

new zealand and australian skeptics

659

00:24:37,430 --> 00:24:34,320

present skepticon 2021

660

00:24:39,190 --> 00:24:37,440

20th to the 21st of november every year

661

00:24:41,350 --> 00:24:39,200

skeptics in australia and new zealand

662

00:24:43,510 --> 00:24:41,360

hold their separate annual conferences

663

00:24:45,830 --> 00:24:43,520

this year it will be different

664

00:24:48,789 --> 00:24:45,840

the two groups are joining hands across

665

00:24:51,590 --> 00:24:48,799

the water by holding a joint online

666

00:24:53,990 --> 00:24:51,600

event all speakers will be live streamed

667

00:24:58,070 --> 00:24:54,000

from around the world australia new

668

00:25:00,710 --> 00:24:58,080

zealand the uk russia and more a truly

669

00:25:02,630 --> 00:25:00,720

international event to enjoy from the

670

00:25:04,390 --> 00:25:02,640

comfort of your own home

671

00:25:07,430 --> 00:25:04,400

speakers include

672

00:25:11,029 --> 00:25:07,440

new zealander of the year dr susie wiles

673

00:25:13,350 --> 00:25:11,039

from the uk professor richard wiseman

674

00:25:16,630 --> 00:25:13,360

associate professor paul willis

675

00:25:20,310 --> 00:25:16,640

dr ken harvey annie mccubbin

676
00:25:22,310 --> 00:25:20,320
lina yazin dr helen patertis harris

677
00:25:23,990 --> 00:25:22,320
dr sap douchey

678
00:25:26,310 --> 00:25:24,000
and many more

679
00:25:29,430 --> 00:25:26,320
tickets are on sale now and are only 40

680
00:25:32,390 --> 00:25:29,440
australian dollars that's less than 30

681
00:25:34,070 --> 00:25:32,400
u.s for both days for more information

682
00:25:37,510 --> 00:25:34,080
and to book your tickets visit

683
00:26:00,789 --> 00:25:40,550
dot a u

684
00:26:03,190 --> 00:26:00,799
[Music]

685
00:26:05,830 --> 00:26:03,200
hello everyone this is skeptic zone

686
00:26:08,070 --> 00:26:05,840
reporter michelle bickersma in melbourne

687
00:26:09,950 --> 00:26:08,080
to read some of the australian skeptics

688
00:26:11,590 --> 00:26:09,960

newsletter number

689

00:26:14,070 --> 00:26:11,600

134

690

00:26:17,029 --> 00:26:14,080

written by tim mendham

691

00:26:19,750 --> 00:26:17,039

normally adrian hill from canada reads

692

00:26:23,029 --> 00:26:19,760

this but she is on a maple syrup and

693

00:26:26,390 --> 00:26:23,039

waffle tour of canada and the us

694

00:26:27,190 --> 00:26:26,400

good luck adrian and bring me back some

695

00:26:29,750 --> 00:26:27,200

but

696

00:26:31,909 --> 00:26:29,760

getting back to the newsletter

697

00:26:35,269 --> 00:26:31,919

it says we're getting closer to

698

00:26:38,789 --> 00:26:35,279

skepticon 2021 every day

699

00:26:41,750 --> 00:26:38,799

a month away in fact so if you haven't

700

00:26:43,510 --> 00:26:41,760

booked your ticket yet you should do so

701
00:26:49,830 --> 00:26:43,520
straight away

702
00:26:53,909 --> 00:26:50,830
for more

703
00:26:56,710 --> 00:26:53,919
information meanwhile here you can find

704
00:26:57,830 --> 00:26:56,720
out what scientists think of science

705
00:27:01,510 --> 00:26:57,840
ghosts

706
00:27:03,269 --> 00:27:01,520
vaccinations real and fake suggestion

707
00:27:05,430 --> 00:27:03,279
and suggestibility

708
00:27:06,789 --> 00:27:05,440
among other things

709
00:27:09,909 --> 00:27:06,799
okay tim

710
00:27:11,110 --> 00:27:09,919
let's see what you have for us

711
00:27:13,590 --> 00:27:11,120
events

712
00:27:15,750 --> 00:27:13,600
while some skeptics groups are running

713
00:27:17,830 --> 00:27:15,760

their regular skeptics in the pub

714

00:27:21,029 --> 00:27:17,840

get-togethers online

715

00:27:23,350 --> 00:27:21,039

same talks but byo beer

716

00:27:26,870 --> 00:27:23,360

an increasing number are returning to

717

00:27:30,310 --> 00:27:26,880

the live face-to-face format

718

00:27:32,950 --> 00:27:30,320

check your local guides to see when and

719

00:27:35,909 --> 00:27:32,960

where such activities are on

720

00:27:39,110 --> 00:27:35,919

or if they are on considering any

721

00:27:42,310 --> 00:27:39,120

covered restrictions

722

00:27:44,870 --> 00:27:42,320

skeptics in action if you have any ideas

723

00:27:47,190 --> 00:27:44,880

for stories or want to contribute to

724

00:27:50,549 --> 00:27:47,200

skeptics communications

725

00:27:52,710 --> 00:27:50,559

such as the magazine or facebook page or

726

00:27:55,990 --> 00:27:52,720

just have something you want to get off

727

00:27:57,590 --> 00:27:56,000

your chest then you're welcome to get in

728

00:28:01,190 --> 00:27:57,600

touch

729

00:28:05,350 --> 00:28:01,200

news leads should be sent to news tips

730

00:28:09,909 --> 00:28:08,070

submissions for the magazine etc should

731

00:28:14,389 --> 00:28:09,919

go to editor

732

00:28:18,070 --> 00:28:16,470

comments and suggestions

733

00:28:21,070 --> 00:28:18,080

even rude ones

734

00:28:23,510 --> 00:28:21,080

should also go to editor

735

00:28:25,230 --> 00:28:23,520

skeptics dot com

736

00:28:28,549 --> 00:28:25,240

dot a u

737

00:28:31,510 --> 00:28:28,559

[Music]

738

00:28:34,470 --> 00:28:31,520

remember that each story comes with a

739

00:28:36,750 --> 00:28:34,480

link you can click to find out more when

740

00:28:37,990 --> 00:28:36,760

you subscribe to the newsletter

741

00:28:39,669 --> 00:28:38,000

[Music]

742

00:28:42,149 --> 00:28:39,679

items of interest

743

00:28:43,669 --> 00:28:42,159

arkansas is home to the world's most

744

00:28:46,710 --> 00:28:43,679

haunted hotel

745

00:28:48,070 --> 00:28:46,720

towering over the town of eureka springs

746

00:28:53,830 --> 00:28:48,080

arkansas

747

00:28:54,909 --> 00:28:53,840

most famous buildings

748

00:28:58,950 --> 00:28:54,919

built in

749

00:29:01,190 --> 00:28:58,960

1886 the crescent has become a popular

750

00:29:02,789 --> 00:29:01,200

wedding destination

751

00:29:06,470 --> 00:29:02,799

however

752

00:29:08,950 --> 00:29:06,480

it is also said to be the most haunted

753

00:29:10,389 --> 00:29:08,960

hotel in america

754

00:29:13,190 --> 00:29:10,399

but hang on

755

00:29:15,029 --> 00:29:13,200

the headline says the world's most

756

00:29:19,110 --> 00:29:15,039

haunted

757

00:29:21,510 --> 00:29:19,120

since when has america been the world

758

00:29:23,830 --> 00:29:21,520

and a philosophical question to ponder

759

00:29:24,830 --> 00:29:23,840

in those sleepless etymologically

760

00:29:29,669 --> 00:29:24,840

challenged

761

00:29:31,510 --> 00:29:29,679

hours can a one item list be a list

762

00:29:33,990 --> 00:29:31,520

psychics at large

763

00:29:37,190 --> 00:29:34,000

two stories that are currently receiving

764

00:29:41,430 --> 00:29:37,200

a lot of coverage are about psychics

765

00:29:44,470 --> 00:29:41,440

who are said to have been a bit naughty

766

00:29:47,990 --> 00:29:44,480

a husband is suing a psychic for failing

767

00:29:50,789 --> 00:29:48,000

to remove a curse on his marriage

768

00:29:53,350 --> 00:29:50,799

a man is suing a psychic for fraud

769

00:29:56,870 --> 00:29:53,360

alleging she falsely promised she could

770

00:29:59,830 --> 00:29:56,880

remove a witch's curse apparently put on

771

00:30:01,990 --> 00:29:59,840

him by his ex-girlfriend for the small

772

00:30:03,669 --> 00:30:02,000

price of five thousand one hundred

773

00:30:05,510 --> 00:30:03,679

dollars

774

00:30:07,669 --> 00:30:05,520

faux french psychics who scammed the

775

00:30:10,310 --> 00:30:07,679

elderly

776

00:30:12,149 --> 00:30:10,320

u.s law enforcement busts an

777

00:30:15,830 --> 00:30:12,159

international scheme

778

00:30:16,950 --> 00:30:15,840

based in france involving druids

779

00:30:21,520 --> 00:30:16,960

money

780

00:30:25,430 --> 00:30:21,530

sacred rubies and thousands of victims

781

00:30:27,909 --> 00:30:25,440

[Music]

782

00:30:30,789 --> 00:30:27,919

there is much more to read every other

783

00:30:32,470 --> 00:30:30,799

week in the newsletter and you can sign

784

00:30:39,430 --> 00:30:32,480

up by visiting

785

00:30:45,610 --> 00:30:42,789

but for now this is michelle bickersma

786

00:30:56,389 --> 00:30:45,620

signing off

787

00:31:01,430 --> 00:30:58,789

hi this is rob palmer i write the

788

00:31:03,990 --> 00:31:01,440

well-known skeptic column in skeptical

789

00:31:05,669 --> 00:31:04,000

inquirer online and i'm a team member of

790

00:31:08,230 --> 00:31:05,679

the guerrilla skeptics on wikipedia

791

00:31:10,149 --> 00:31:08,240

project gsow

792

00:31:11,750 --> 00:31:10,159

but you find folks may know me because i

793

00:31:14,230 --> 00:31:11,760

contributed segments for several

794

00:31:17,029 --> 00:31:14,240

episodes of this podcast

795

00:31:20,310 --> 00:31:17,039

check out my interviews from cycon 2019

796

00:31:22,230 --> 00:31:20,320

starting with episode 576

797

00:31:24,389 --> 00:31:22,240

so here's a little known fact

798

00:31:26,630 --> 00:31:24,399

all of my skeptical activism stems from

799

00:31:29,990 --> 00:31:26,640

discovering the skeptic zone

800

00:31:32,389 --> 00:31:30,000

yep i first heard of the gsow project

801
00:31:34,070 --> 00:31:32,399
right here back in 2012 due to richard's

802
00:31:36,710 --> 00:31:34,080
selfless support of it and other

803
00:31:39,190 --> 00:31:36,720
skeptical activities around the world

804
00:31:41,269 --> 00:31:39,200
i can honestly say i'd likely still be a

805
00:31:43,909 --> 00:31:41,279
skeptical couch potato if i hadn't

806
00:31:46,070 --> 00:31:43,919
discovered this podcast

807
00:31:48,389 --> 00:31:46,080
so besides giving back to the zone by

808
00:31:49,990 --> 00:31:48,399
contributing occasional segments i

809
00:31:52,710 --> 00:31:50,000
contribute to the success of the show

810
00:31:54,630 --> 00:31:52,720
with ongoing monthly micropayments and

811
00:31:55,669 --> 00:31:54,640
i'm asking you to consider doing the

812
00:31:57,669 --> 00:31:55,679
same

813
00:31:59,549 --> 00:31:57,679

you can do that by following the patreon

814

00:32:01,430 --> 00:31:59,559

or paypal links at

815

00:32:03,509 --> 00:32:01,440

skepticzone.tv

816

00:32:08,910 --> 00:32:03,519

every donation supports the show and

817

00:32:26,630 --> 00:32:24,149

[Music]

818

00:32:32,070 --> 00:32:26,640

i think we need to think

819

00:32:33,510 --> 00:32:32,080

[Music]

820

00:32:39,669 --> 00:32:33,520

here's susan gerbic

821

00:32:43,029 --> 00:32:41,110

you're waking up

822

00:32:44,310 --> 00:32:43,039

well i mean i should have gone i should

823

00:32:45,909 --> 00:32:44,320

have got out of bed a little while ago

824

00:32:47,909 --> 00:32:45,919

but hello susan goberg and

825

00:32:50,389 --> 00:32:47,919

congratulations

826

00:32:52,389 --> 00:32:50,399

yes it's exciting isn't it

827

00:32:54,630 --> 00:32:52,399

i'm i'm thrilled i'm just absolutely

828

00:32:58,230 --> 00:32:54,640

thrilled so you you

829

00:33:00,230 --> 00:32:58,240

you asked me some questions for your

830

00:33:01,990 --> 00:33:00,240

audience and then i will answer them

831

00:33:03,430 --> 00:33:02,000

because i'm so tongue-tied today i don't

832

00:33:05,269 --> 00:33:03,440

even know what to say i'm so excited

833

00:33:06,310 --> 00:33:05,279

about all sorts of stuff

834

00:33:08,549 --> 00:33:06,320

well

835

00:33:11,350 --> 00:33:08,559

susan before we begin

836

00:33:12,630 --> 00:33:11,360

before i get into that what why are we

837

00:33:14,230 --> 00:33:12,640

why are we so happy what are we

838

00:33:17,669 --> 00:33:14,240

celebrating exactly

839

00:33:20,070 --> 00:33:17,679

we're celebrating the 100 million

840

00:33:23,909 --> 00:33:20,080

wikipedia page views

841

00:33:26,230 --> 00:33:23,919

so the first page that we had ever

842

00:33:28,470 --> 00:33:26,240

considered one of our wikipedia pages

843

00:33:30,389 --> 00:33:28,480

that we ever wrote was i rewrote brian

844

00:33:31,350 --> 00:33:30,399

dennings yeah and then we went to phil

845

00:33:33,350 --> 00:33:31,360

plate

846

00:33:34,630 --> 00:33:33,360

right the baddest armor

847

00:33:36,870 --> 00:33:34,640

good man these are

848

00:33:39,590 --> 00:33:36,880

these are in english then derek conduno

849

00:33:41,029 --> 00:33:39,600

from skepticism yes

850

00:33:42,389 --> 00:33:41,039

james alcott

851
00:33:43,430 --> 00:33:42,399
from uh

852
00:33:44,470 --> 00:33:43,440
the

853
00:33:47,029 --> 00:33:44,480
cfi

854
00:33:49,190 --> 00:33:47,039
ray hyman yep robert schaefer mary

855
00:33:50,710 --> 00:33:49,200
beyerstein i look back on some of these

856
00:33:53,430 --> 00:33:50,720
pages that i wrote at the beginning and

857
00:33:55,350 --> 00:33:53,440
i almost want to cry there so

858
00:33:57,990 --> 00:33:55,360
they needed a new rewrite

859
00:33:59,350 --> 00:33:58,000
barry byers team jerry andrus yes

860
00:34:01,110 --> 00:33:59,360
that was one of her favorites mark

861
00:34:03,350 --> 00:34:01,120
edward ben radford

862
00:34:05,509 --> 00:34:03,360
committee for skeptical inquirer james

863
00:34:08,470 --> 00:34:05,519

randy educational foundation and so on

864

00:34:09,750 --> 00:34:08,480

we parted back the first page i have on

865

00:34:12,470 --> 00:34:09,760

here

866

00:34:14,629 --> 00:34:12,480

was from april of 2010

867

00:34:17,589 --> 00:34:14,639

okay so the idea originally was to

868

00:34:19,030 --> 00:34:17,599

spruce up and to improve and to

869

00:34:22,950 --> 00:34:19,040

get in the shape

870

00:34:25,510 --> 00:34:22,960

uh existing pages of of noted skeptics

871

00:34:27,510 --> 00:34:25,520

and skeptical organizations when

872

00:34:29,510 --> 00:34:27,520

when this this

873

00:34:32,310 --> 00:34:29,520

was it a movement was it a trend was it

874

00:34:33,109 --> 00:34:32,320

an idea was it a switch in your thinking

875

00:34:39,909 --> 00:34:33,119

to

876

00:34:41,990 --> 00:34:39,919

point out the

877

00:34:43,349 --> 00:34:42,000

pseudoscience when it was reported uh

878

00:34:44,790 --> 00:34:43,359

when it was mentioned on the pages and

879

00:34:46,069 --> 00:34:44,800

things like that

880

00:34:48,069 --> 00:34:46,079

oh we were doing that right at the

881

00:34:50,230 --> 00:34:48,079

beginning oh okay the pages i've just

882

00:34:52,310 --> 00:34:50,240

written read to you that we wrote our

883

00:34:55,990 --> 00:34:52,320

pages we wrote

884

00:34:58,870 --> 00:34:56,000

or rewrote complete complete rewrites

885

00:35:00,550 --> 00:34:58,880

but we we had always been editing you

886

00:35:03,430 --> 00:35:00,560

know different things i i remember

887

00:35:06,069 --> 00:35:03,440

putting um the james randy educational

888

00:35:08,550 --> 00:35:06,079

foundation used to do a pegasus award

889

00:35:10,230 --> 00:35:08,560

every april 1st yes

890

00:35:11,750 --> 00:35:10,240

and when they put out an article saying

891

00:35:14,230 --> 00:35:11,760

we've done a pegasus and we're we're

892

00:35:17,030 --> 00:35:14,240

going these are the people who we're

893

00:35:18,950 --> 00:35:17,040

picking yes

894

00:35:20,150 --> 00:35:18,960

this is like the australian skeptics

895

00:35:22,630 --> 00:35:20,160

have a similar thing it's called the bed

896

00:35:25,190 --> 00:35:22,640

spoon award where we award

897

00:35:27,750 --> 00:35:25,200

uh some outrageous claim or some person

898

00:35:30,150 --> 00:35:27,760

making pseudo-scientific claims or a

899

00:35:32,069 --> 00:35:30,160

psychic or something who fails miserably

900

00:35:33,829 --> 00:35:32,079

or something like that

901
00:35:35,190 --> 00:35:33,839
so we would i would go to the wikipedia

902
00:35:39,670 --> 00:35:35,200
page

903
00:35:42,390 --> 00:35:39,680
the citation from the j-ref saying

904
00:35:45,030 --> 00:35:42,400
they have just won a pegasus for these

905
00:35:46,790 --> 00:35:45,040
reasons and that was amazing but that

906
00:35:48,550 --> 00:35:46,800
wouldn't that wouldn't have got made it

907
00:35:49,510 --> 00:35:48,560
to my stat badger because that's just

908
00:35:53,990 --> 00:35:49,520
like

909
00:35:57,829 --> 00:35:54,000
onto a page and the only thing that we

910
00:36:01,190 --> 00:35:57,839
count 100 million 100 million oh my god

911
00:36:03,030 --> 00:36:01,200
a hundred million page views that's only

912
00:36:05,589 --> 00:36:03,040
the pages we have written

913
00:36:07,430 --> 00:36:05,599

completely or completely rewritten just

914

00:36:10,390 --> 00:36:07,440

you know i see

915

00:36:11,990 --> 00:36:10,400

no little little edits that if we did we

916

00:36:13,430 --> 00:36:12,000

couldn't even track that and we of

917

00:36:15,349 --> 00:36:13,440

course

918

00:36:18,790 --> 00:36:15,359

we would be we would have hit

919

00:36:21,109 --> 00:36:18,800

a hundred million page views in

920

00:36:23,190 --> 00:36:21,119

oh gosh after a couple years

921

00:36:25,750 --> 00:36:23,200

one of the pages that sticks in my mind

922

00:36:27,030 --> 00:36:25,760

one of the ones you worked on or no you

923

00:36:29,510 --> 00:36:27,040

must have worked on it would have been

924

00:36:31,270 --> 00:36:29,520

created already was cupping

925

00:36:34,630 --> 00:36:31,280

now you had a good success with cupping

926

00:36:35,670 --> 00:36:34,640

didn't you because it was a a fad

927

00:36:37,510 --> 00:36:35,680

yeah but

928

00:36:39,910 --> 00:36:37,520

now what the last little we wrote the

929

00:36:41,589 --> 00:36:39,920

lead we wrote the lead because it was in

930

00:36:43,589 --> 00:36:41,599

the it was in the olympics it was being

931

00:36:45,589 --> 00:36:43,599

mentioned because of michael phelps now

932

00:36:47,510 --> 00:36:45,599

cupping folks i'm sure

933

00:36:49,270 --> 00:36:47,520

you you may have heard of this is where

934

00:36:51,430 --> 00:36:49,280

the practice of

935

00:36:52,470 --> 00:36:51,440

getting large glass

936

00:36:55,030 --> 00:36:52,480

semi

937

00:36:56,870 --> 00:36:55,040

uh spheres and heating them slightly

938

00:36:58,550 --> 00:36:56,880

putting them on the back usually the

939

00:37:01,670 --> 00:36:58,560

back of somebody

940

00:37:03,670 --> 00:37:01,680

and the the sphere cools down and that

941

00:37:05,829 --> 00:37:03,680

creates a bit of suction and it draws up

942

00:37:07,829 --> 00:37:05,839

the skin and you leave it on there and

943

00:37:11,589 --> 00:37:07,839

you take it off and it leaves big red

944

00:37:14,310 --> 00:37:11,599

marks on the back giant hickeys circular

945

00:37:16,870 --> 00:37:14,320

and the idea is through no science that

946

00:37:19,589 --> 00:37:16,880

should help you flow your energy cheese

947

00:37:21,190 --> 00:37:19,599

or release blockages or the toxins come

948

00:37:23,510 --> 00:37:21,200

out and all the you know all the words

949

00:37:25,750 --> 00:37:23,520

they throw around

950

00:37:27,589 --> 00:37:25,760

yeah and so we it was in the media

951
00:37:30,630 --> 00:37:27,599
because of michael phelps in the

952
00:37:33,829 --> 00:37:30,640
olympics 2014

953
00:37:35,910 --> 00:37:33,839
2000 right so we we got that lead

954
00:37:37,589 --> 00:37:35,920
changed and then we change the lead in

955
00:37:39,750 --> 00:37:37,599
other languages too we didn't know

956
00:37:40,550 --> 00:37:39,760
cupping was going to be a thing until

957
00:37:43,510 --> 00:37:40,560
and

958
00:37:44,550 --> 00:37:43,520
you did that but because because no

959
00:37:45,829 --> 00:37:44,560
because

960
00:37:47,349 --> 00:37:45,839
phelps

961
00:37:49,109 --> 00:37:47,359
or whoever it was at the time and

962
00:37:50,710 --> 00:37:49,119
whatever olympics it was it was getting

963
00:37:51,910 --> 00:37:50,720

a lot of attention and you noticed a lot

964

00:37:53,510 --> 00:37:51,920

of people were

965

00:37:55,510 --> 00:37:53,520

going straight to that page to have a

966

00:37:56,790 --> 00:37:55,520

look what's this all this cupping and

967

00:37:57,589 --> 00:37:56,800

that's why

968

00:38:00,790 --> 00:37:57,599

you

969

00:38:02,790 --> 00:38:00,800

when people went there they at least

970

00:38:04,790 --> 00:38:02,800

could get some reputable

971

00:38:05,910 --> 00:38:04,800

referenced scientific information on

972

00:38:07,990 --> 00:38:05,920

coming

973

00:38:10,310 --> 00:38:08,000

absolutely and i'm so glad you remember

974

00:38:12,710 --> 00:38:10,320

this this is a really good example of

975

00:38:14,790 --> 00:38:12,720

influencing the media and uh trying to

976
00:38:16,390 --> 00:38:14,800
get our word out there because we were a

977
00:38:17,990 --> 00:38:16,400
little slow because we hadn't written

978
00:38:19,589 --> 00:38:18,000
that page and we weren't really thinking

979
00:38:20,870 --> 00:38:19,599
about it but

980
00:38:23,030 --> 00:38:20,880
it had

981
00:38:25,190 --> 00:38:23,040
um it received about a thousand page

982
00:38:28,150 --> 00:38:25,200
views a day that was a normal traffic

983
00:38:30,390 --> 00:38:28,160
for it and the day that that uh

984
00:38:31,910 --> 00:38:30,400
that michael phelps kind of was

985
00:38:33,750 --> 00:38:31,920
all over the media people are going what

986
00:38:35,030 --> 00:38:33,760
are those circular hickey looking things

987
00:38:36,150 --> 00:38:35,040
on him

988
00:38:41,190 --> 00:38:36,160

and

989

00:38:42,790 --> 00:38:41,200

these different uh headlines uh of the

990

00:38:44,150 --> 00:38:42,800

media was interested in what was going

991

00:38:46,950 --> 00:38:44,160

on and they showed these pictures of

992

00:38:48,710 --> 00:38:46,960

them swimming with these hickeys and uh

993

00:38:50,950 --> 00:38:48,720

they were having like

994

00:38:53,030 --> 00:38:50,960

uh cutting practice practitioners come

995

00:38:55,430 --> 00:38:53,040

on tv shows yes

996

00:38:58,310 --> 00:38:55,440

what is that and they were showing them

997

00:38:59,910 --> 00:38:58,320

so the day that it hit its height which

998

00:39:01,990 --> 00:38:59,920

was the day that we were working on the

999

00:39:04,670 --> 00:39:02,000

lead of that wikipedia article

1000

00:39:07,270 --> 00:39:04,680

we uh the wikipedia page in one day hit

1001

00:39:11,349 --> 00:39:07,280

160 000 views wow

1002

00:39:13,030 --> 00:39:11,359

wow 1 000 to 160 000 in one day yeah

1003

00:39:15,270 --> 00:39:13,040

well it was it was big news i mean

1004

00:39:16,950 --> 00:39:15,280

because these famous sports stars were

1005

00:39:19,270 --> 00:39:16,960

standing up and walking around the pool

1006

00:39:21,109 --> 00:39:19,280

and some and everybody could see clear

1007

00:39:23,589 --> 00:39:21,119

and they still do it i mean in the last

1008

00:39:28,790 --> 00:39:23,599

yeah the olympics just gone i'm sure i

1009

00:39:32,310 --> 00:39:30,630

because you'll see um

1010

00:39:34,230 --> 00:39:32,320

well i don't follow it but from what i

1011

00:39:36,069 --> 00:39:34,240

understand you can watch the stats of a

1012

00:39:38,069 --> 00:39:36,079

wikipedia page and they usually

1013

00:39:40,390 --> 00:39:38,079

correspond with whenever like the

1014

00:39:42,069 --> 00:39:40,400

kardashians or something has posted

1015

00:39:43,750 --> 00:39:42,079

something a tweet about how they've

1016

00:39:45,349 --> 00:39:43,760

gotten the cupping or whatever and

1017

00:39:47,349 --> 00:39:45,359

you'll see the spike on the cupping

1018

00:39:50,150 --> 00:39:47,359

glove yeah so people are hugely

1019

00:39:51,109 --> 00:39:50,160

influenced by celebrity uh and sports

1020

00:39:52,710 --> 00:39:51,119

figures

1021

00:39:54,230 --> 00:39:52,720

and they want to be like them and they

1022

00:39:56,390 --> 00:39:54,240

think that they're

1023

00:39:57,589 --> 00:39:56,400

not only cool but

1024

00:40:00,390 --> 00:39:57,599

you know they want to follow their

1025

00:40:02,390 --> 00:40:00,400

lifestyles now you've had uh you've had

1026

00:40:04,390 --> 00:40:02,400

some interesting times with doing the

1027

00:40:06,550 --> 00:40:04,400

work the cabal the team you have and

1028

00:40:07,430 --> 00:40:06,560

we'll get to how you folks you at home

1029

00:40:10,390 --> 00:40:07,440

can be

1030

00:40:12,150 --> 00:40:10,400

part of this movement this revolution uh

1031

00:40:14,069 --> 00:40:12,160

you've had some interesting interactions

1032

00:40:15,270 --> 00:40:14,079

with so-called psychics who you've

1033

00:40:17,030 --> 00:40:15,280

written about

1034

00:40:18,870 --> 00:40:17,040

uh over the years because that's what

1035

00:40:19,589 --> 00:40:18,880

you do you go on to their page and you

1036

00:40:22,150 --> 00:40:19,599

put

1037

00:40:24,150 --> 00:40:22,160

referenced factual information about

1038

00:40:25,510 --> 00:40:24,160

these so-called psychics and sometimes

1039

00:40:27,510 --> 00:40:25,520

it's the last thing they want to have on

1040

00:40:29,109 --> 00:40:27,520

their page

1041

00:40:30,150 --> 00:40:29,119

oh we've heard it from a lot of people

1042

00:40:31,990 --> 00:40:30,160

that

1043

00:40:34,150 --> 00:40:32,000

they will say oh whatever you do don't

1044

00:40:36,470 --> 00:40:34,160

go to my wikipedia page it's all lies

1045

00:40:38,470 --> 00:40:36,480

right we've heard this from anti-vaxxers

1046

00:40:41,109 --> 00:40:38,480

we've heard it from the brzezinski

1047

00:40:43,670 --> 00:40:41,119

clinic the cancer clinic

1048

00:40:47,430 --> 00:40:43,680

the page we it was on their f it was on

1049

00:40:49,190 --> 00:40:47,440

their faq on their website is it said do

1050

00:40:51,510 --> 00:40:49,200

not go to our

1051

00:40:53,589 --> 00:40:51,520

page

1052

00:40:55,910 --> 00:40:53,599

and different psychics have said as well

1053

00:40:58,309 --> 00:40:55,920

they'll tell their fans um

1054

00:41:00,470 --> 00:40:58,319

don't go there or if the fan says what

1055

00:41:02,470 --> 00:41:00,480

is this information i've read about you

1056

00:41:04,390 --> 00:41:02,480

on your wikipedia page they'll say

1057

00:41:07,750 --> 00:41:04,400

anybody can write anything on wikipedia

1058

00:41:12,630 --> 00:41:10,309

i'm sure it bothers them way more than

1059

00:41:15,349 --> 00:41:12,640

we think uh i remember jeanette wilson

1060

00:41:17,589 --> 00:41:15,359

had a cow that was the one from the uk

1061

00:41:19,990 --> 00:41:17,599

jeanette wilson's from the uk yes she i

1062

00:41:21,990 --> 00:41:20,000

mean she lives in new zealand now okay

1063

00:41:23,990 --> 00:41:22,000

no she's one of the the gaggle of

1064

00:41:26,630 --> 00:41:24,000

psychics who build themselves as blah

1065

00:41:29,030 --> 00:41:26,640

blah blah leading psychic or this you

1066

00:41:31,349 --> 00:41:29,040

know most uh celebrity psychic to the

1067

00:41:33,589 --> 00:41:31,359

stars and you know they come and go

1068

00:41:36,870 --> 00:41:33,599

which is also antiphobic i mean

1069

00:41:39,750 --> 00:41:36,880

anti-vaccine right of course you did uh

1070

00:41:40,790 --> 00:41:39,760

you did a whole exposure you did

1071

00:41:43,430 --> 00:41:40,800

why don't we

1072

00:41:46,390 --> 00:41:43,440

so

1073

00:41:49,030 --> 00:41:46,400

not only do you go on and um you

1074

00:41:51,750 --> 00:41:49,040

add the correct references and citations

1075

00:41:55,030 --> 00:41:51,760

to their wikipedia page but you you

1076

00:41:57,990 --> 00:41:55,040

also do stings your famous things all

1077

00:42:00,230 --> 00:41:58,000

named after food

1078

00:42:04,710 --> 00:42:00,240

operation

1079

00:42:06,950 --> 00:42:04,720

to hot chocolate to whatever you call

1080

00:42:08,390 --> 00:42:06,960

them and this is where you

1081

00:42:10,150 --> 00:42:08,400

will be part of the audience of a

1082

00:42:11,430 --> 00:42:10,160

virtual meeting of a psychic or you go

1083

00:42:13,349 --> 00:42:11,440

in person and

1084

00:42:16,470 --> 00:42:13,359

you do undercover work

1085

00:42:18,710 --> 00:42:16,480

yeah absolutely and i try to uh and and

1086

00:42:20,790 --> 00:42:18,720

i succeed a lot of the time to get

1087

00:42:22,150 --> 00:42:20,800

people within our community to help yeah

1088

00:42:23,510 --> 00:42:22,160

um

1089

00:42:24,550 --> 00:42:23,520

it's not just me

1090

00:42:26,309 --> 00:42:24,560

because

1091

00:42:27,589 --> 00:42:26,319

i might come up with a plan and i i

1092

00:42:29,829 --> 00:42:27,599

might

1093

00:42:32,550 --> 00:42:29,839

instigate it and pay for it with funds

1094

00:42:34,710 --> 00:42:32,560

from our non-profit please donate people

1095

00:42:36,470 --> 00:42:34,720

i put the link in the chat we need money

1096

00:42:38,630 --> 00:42:36,480

to uh well you could mention that link

1097

00:42:40,309 --> 00:42:38,640

when we when we uh wind up we'll do that

1098

00:42:42,230 --> 00:42:40,319

yep right okay well it's also my

1099

00:42:45,430 --> 00:42:42,240

facebook feed i just put it there right

1100

00:42:48,790 --> 00:42:45,440

so anyway the point is yes that yes we

1101
00:42:51,190 --> 00:42:48,800
went in and i recorded jeanette wilson

1102
00:42:53,270 --> 00:42:51,200
in one of her workshops and she wasn't

1103
00:42:55,589 --> 00:42:53,280
she didn't expect to be recorded because

1104
00:42:57,109 --> 00:42:55,599
she always says oh i'm pro-vaccine i'm

1105
00:42:59,430 --> 00:42:57,119
pro-mammograms

1106
00:43:02,069 --> 00:42:59,440
i have no problem with 5g she says these

1107
00:43:03,510 --> 00:43:02,079
things in public but in private she's

1108
00:43:06,870 --> 00:43:03,520
telling her people in the workshops

1109
00:43:10,309 --> 00:43:06,880
completely opposite so i recorded her

1110
00:43:13,109 --> 00:43:10,319
and uh i got i got at least 16 minute

1111
00:43:16,150 --> 00:43:13,119
rant of her talking about vaccines and

1112
00:43:19,030 --> 00:43:16,160
how she anti-vaccine and so

1113
00:43:23,510 --> 00:43:19,040

i gave the the video i had

1114

00:43:33,190 --> 00:43:23,520

recorded to a reporter from

1115

00:43:38,230 --> 00:43:36,069

he interviewed me and he listened to the

1116

00:43:41,190 --> 00:43:38,240

recording and then he talked to jeanette

1117

00:43:44,069 --> 00:43:41,200

wilson and and interviewed her and she

1118

00:43:46,230 --> 00:43:44,079

said oh i'm pro-vaccine what are you

1119

00:43:48,470 --> 00:43:46,240

talking about and he said

1120

00:43:50,550 --> 00:43:48,480

i just listened to the video yeah and

1121

00:43:52,390 --> 00:43:50,560

she's like what video

1122

00:43:54,550 --> 00:43:52,400

because people will tell us that she'll

1123

00:43:56,470 --> 00:43:54,560

do a workshop record it and then her

1124

00:43:59,190 --> 00:43:56,480

husband will hit pause when she gets to

1125

00:44:01,270 --> 00:43:59,200

the anti-vaccine step wow and then turn

1126
00:44:04,230 --> 00:44:01,280
it back up again yeah it's really

1127
00:44:05,910 --> 00:44:04,240
interesting the spin-off this okay okay

1128
00:44:08,069 --> 00:44:05,920
yep yeah so

1129
00:44:10,390 --> 00:44:08,079
she is trying to keep that out but the

1130
00:44:12,950 --> 00:44:10,400
reporter said oh i just listened to this

1131
00:44:15,910 --> 00:44:12,960
video and i didn't make the video public

1132
00:44:18,309 --> 00:44:15,920
i just gave it to reporters and so she

1133
00:44:19,589 --> 00:44:18,319
was furious and she had a fit because

1134
00:44:22,230 --> 00:44:19,599
she when she found out she had a

1135
00:44:23,829 --> 00:44:22,240
wikipedia page we can create a wikipedia

1136
00:44:25,670 --> 00:44:23,839
page when they get enough media coverage

1137
00:44:27,829 --> 00:44:25,680
yes

1138
00:44:31,190 --> 00:44:27,839

because we gave them the stuff to give

1139

00:44:34,790 --> 00:44:33,030

so that's the thing some people say oh

1140

00:44:36,710 --> 00:44:34,800

why haven't i got a wikipedia page well

1141

00:44:38,870 --> 00:44:36,720

there's a certain criteria you have to

1142

00:44:40,309 --> 00:44:38,880

meet and that's not in your hands that's

1143

00:44:44,309 --> 00:44:40,319

that's simple

1144

00:44:46,470 --> 00:44:44,319

yeah well my plea is for um for you to

1145

00:44:48,550 --> 00:44:46,480

keep going not necessarily on mine of

1146

00:44:50,390 --> 00:44:48,560

course but more important people

1147

00:44:52,710 --> 00:44:50,400

please don't stop this is such

1148

00:44:55,589 --> 00:44:52,720

fascinating work you do now as i said

1149

00:44:58,309 --> 00:44:55,599

before why don't you tell our listeners

1150

00:45:01,109 --> 00:44:58,319

how they can get involved where should

1151

00:45:03,510 --> 00:45:01,119

they go on the internet to find out more

1152

00:45:05,750 --> 00:45:03,520

well they should come to facebook and

1153

00:45:07,190 --> 00:45:05,760

just message me if they are you know

1154

00:45:09,910 --> 00:45:07,200

really have some serious questions i'm

1155

00:45:12,950 --> 00:45:09,920

happy to answer questions um our secret

1156

00:45:14,710 --> 00:45:12,960

cabal is located on facebook yeah so i'm

1157

00:45:16,230 --> 00:45:14,720

very worried making sure everybody

1158

00:45:17,829 --> 00:45:16,240

understands that before they get all

1159

00:45:19,670 --> 00:45:17,839

excited and say i will never ever use

1160

00:45:21,270 --> 00:45:19,680

facebook ever in my life

1161

00:45:24,470 --> 00:45:21,280

because that's where we are we're

1162

00:45:25,829 --> 00:45:24,480

located yes and they will move but it it

1163

00:45:27,910 --> 00:45:25,839

makes it easy for us to be able to

1164

00:45:29,910 --> 00:45:27,920

communicate and share and we are kind of

1165

00:45:31,750 --> 00:45:29,920

a social group you know we can see each

1166

00:45:33,589 --> 00:45:31,760

other's posts and talk about each

1167

00:45:36,069 --> 00:45:33,599

other's dog or whatever vacation they're

1168

00:45:38,150 --> 00:45:36,079

taking so we like that social aspect but

1169

00:45:40,710 --> 00:45:38,160

at the moment facebook is the perfect

1170

00:45:42,309 --> 00:45:40,720

place for us to go through but

1171

00:45:44,069 --> 00:45:42,319

if they really want it just to have some

1172

00:45:45,670 --> 00:45:44,079

information we do have a facebook page

1173

00:45:48,309 --> 00:45:45,680

where it has a lot of information on it

1174

00:45:49,270 --> 00:45:48,319

we have a website that's called gsow

1175

00:45:50,230 --> 00:45:49,280

team

1176

00:45:53,270 --> 00:45:50,240

or

1177

00:45:56,309 --> 00:45:53,280

can also go

1178

00:45:58,550 --> 00:45:56,319

and um just watch uh we have a

1179

00:46:00,390 --> 00:45:58,560

facebook page called about time which is

1180

00:46:02,630 --> 00:46:00,400

the name of our nonprofit

1181

00:46:03,670 --> 00:46:02,640

about time project you can find it on

1182

00:46:06,710 --> 00:46:03,680

facebook

1183

00:46:09,270 --> 00:46:06,720

and um there you can watch the thread of

1184

00:46:11,109 --> 00:46:09,280

every time we post a new wikipedia page

1185

00:46:13,270 --> 00:46:11,119

we talk about it every time we do a new

1186

00:46:14,790 --> 00:46:13,280

sting we talk about it every time

1187

00:46:16,630 --> 00:46:14,800

there's some kind of new thing that's

1188

00:46:19,430 --> 00:46:16,640

happening in the activism world that

1189

00:46:21,430 --> 00:46:19,440

we're in we we talk about conferences we

1190

00:46:22,950 --> 00:46:21,440

go to all that kind of stuff and we're

1191

00:46:25,030 --> 00:46:22,960

going to be doing some

1192

00:46:27,270 --> 00:46:25,040

i i understand we're going to be going

1193

00:46:28,550 --> 00:46:27,280

to conferences in 2022.

1194

00:46:31,109 --> 00:46:28,560

so we're hoping to have some

1195

00:46:31,990 --> 00:46:31,119

scholarships for the people who attend

1196

00:46:33,990 --> 00:46:32,000

well

1197

00:46:36,230 --> 00:46:34,000

i'm angling i'm talking to people in

1198

00:46:37,990 --> 00:46:36,240

canada and i'm angling for maybe a north

1199

00:46:39,670 --> 00:46:38,000

american trip early in the new year

1200

00:46:41,430 --> 00:46:39,680

where i hope to uh

1201

00:46:43,030 --> 00:46:41,440

if you're listening adrian hill maybe

1202

00:46:44,710 --> 00:46:43,040

get up to calgary or something like that

1203

00:46:46,230 --> 00:46:44,720

and have some maple syrup i would love

1204

00:46:47,349 --> 00:46:46,240

to go to calgary

1205

00:46:49,190 --> 00:46:47,359

wouldn't that be fun there's so many

1206

00:46:51,430 --> 00:46:49,200

places i'm dying to visit there was a

1207

00:46:53,030 --> 00:46:51,440

lot of things i had to put off and yes

1208

00:46:55,270 --> 00:46:53,040

you guys i really want to come out to

1209

00:46:57,030 --> 00:46:55,280

your group and talk to you one-on-one

1210

00:46:59,109 --> 00:46:57,040

and and i know richard will do the same

1211

00:47:00,630 --> 00:46:59,119

thing yeah whatever we can do really

1212

00:47:02,630 --> 00:47:00,640

want to meet more people and it helps

1213

00:47:04,390 --> 00:47:02,640

grow it really helped grow the community

1214

00:47:06,069 --> 00:47:04,400

whenever we were yeah well susan goebeck

1215

00:47:08,230 --> 00:47:06,079

and richard saunders visit calgary to

1216

00:47:10,470 --> 00:47:08,240

eat maple syrup with adrian hill tour we

1217

00:47:11,670 --> 00:47:10,480

could call it that

1218

00:47:13,910 --> 00:47:11,680

that would well we could call it the

1219

00:47:15,829 --> 00:47:13,920

about time tour which is it's a little

1220

00:47:17,349 --> 00:47:15,839

more simple but we can we get a maple

1221

00:47:19,270 --> 00:47:17,359

syrup we could have maple syrup susan

1222

00:47:21,430 --> 00:47:19,280

gerbic from guerrilla skepticism on

1223

00:47:23,109 --> 00:47:21,440

wikipedia thank you very much for this

1224

00:47:25,510 --> 00:47:23,119

impromptu suddenly get out of bed

1225

00:47:27,270 --> 00:47:25,520

richard and interview susan experience

1226

00:47:30,069 --> 00:47:27,280

and go into my house you're in you're in

1227

00:47:32,069 --> 00:47:30,079

my mind if people zoom room you guys is

1228

00:47:34,390 --> 00:47:32,079

my background my room so it looks like

1229

00:47:35,670 --> 00:47:34,400

he's at my house but every week when we

1230

00:47:37,829 --> 00:47:35,680

play trivia or we're doing the

1231

00:47:40,069 --> 00:47:37,839

prediction project i always end up in in

1232

00:47:42,630 --> 00:47:40,079

your house for some strange reason it's

1233

00:47:44,470 --> 00:47:42,640

all weird oh susan it's so weird i look

1234

00:47:46,230 --> 00:47:44,480

forward to i look forward to seeing you

1235

00:47:48,630 --> 00:47:46,240

in person next year that'll be just

1236

00:47:50,150 --> 00:47:48,640

fantastic but for now folks visit those

1237

00:47:53,030 --> 00:47:50,160

websites there'll be a link in this

1238

00:47:54,230 --> 00:47:53,040

week's show notes susan gerbic thank you

1239

00:47:56,790 --> 00:47:54,240

very much

1240

00:48:14,630 --> 00:47:56,800

thank you richard

1241

00:48:18,150 --> 00:48:16,230

thank you for listening to the skeptic's

1242

00:48:19,510 --> 00:48:18,160

own podcast now this has been brought to

1243

00:48:22,470 --> 00:48:19,520

my attention by

1244

00:48:26,230 --> 00:48:22,480

a few people candace owens calls on the

1245

00:48:31,750 --> 00:48:27,589

what

1246

00:48:33,430 --> 00:48:31,760

and this one this particular

1247

00:48:36,309 --> 00:48:33,440

information comes

1248

00:48:38,309 --> 00:48:36,319

from yahoo news and this was

1249

00:48:42,309 --> 00:48:38,319

brought to my attention by listener

1250

00:48:44,790 --> 00:48:42,319

graham donald what is it saying now

1251
00:48:47,510 --> 00:48:44,800
it says candace owens calls

1252
00:48:49,190 --> 00:48:47,520
on the u.s to invade australia

1253
00:48:51,589 --> 00:48:49,200
candace owens has called on the us

1254
00:48:53,750 --> 00:48:51,599
military to invade australia calling the

1255
00:48:56,950 --> 00:48:53,760
latter a quote

1256
00:48:58,950 --> 00:48:56,960
tyrannical police state end quote owens

1257
00:49:03,430 --> 00:48:58,960
made the comments on herself

1258
00:49:04,630 --> 00:49:03,440
titled daily wire tv show

1259
00:49:06,470 --> 00:49:04,640
yep

1260
00:49:07,750 --> 00:49:06,480
and i had a quick look at that and she's

1261
00:49:09,270 --> 00:49:07,760
saying when are we going to invade

1262
00:49:12,069 --> 00:49:09,280
australia liberate these poor

1263
00:49:13,589 --> 00:49:12,079

australians living under a tyranny or

1264

00:49:16,069 --> 00:49:13,599

whatever it is

1265

00:49:17,670 --> 00:49:16,079

i wonder where she gets her information

1266

00:49:20,309 --> 00:49:17,680

from

1267

00:49:22,390 --> 00:49:20,319

because although we had restrictions and

1268

00:49:23,270 --> 00:49:22,400

various requirements which made perfect

1269

00:49:24,150 --> 00:49:23,280

sense

1270

00:49:27,190 --> 00:49:24,160

which

1271

00:49:28,309 --> 00:49:27,200

the vast majority of australians

1272

00:49:30,230 --> 00:49:28,319

did

1273

00:49:32,630 --> 00:49:30,240

and knew why they were doing them and

1274

00:49:34,230 --> 00:49:32,640

accepted them it wasn't fun but we

1275

00:49:36,069 --> 00:49:34,240

accepted them

1276

00:49:37,109 --> 00:49:36,079

yes there was a small minority of people

1277

00:49:38,150 --> 00:49:37,119

making

1278

00:49:40,230 --> 00:49:38,160

trouble

1279

00:49:41,670 --> 00:49:40,240

protesting down the streets helping to

1280

00:49:43,990 --> 00:49:41,680

spread the virus

1281

00:49:45,750 --> 00:49:44,000

even yesterday in melbourne they're

1282

00:49:48,309 --> 00:49:45,760

still carrying on

1283

00:49:49,990 --> 00:49:48,319

uh to even suggest we're living under

1284

00:49:51,589 --> 00:49:50,000

some sort of tyrannical state we need

1285

00:49:53,270 --> 00:49:51,599

liberation it's just

1286

00:49:55,349 --> 00:49:53,280

bizarre but then again

1287

00:49:58,150 --> 00:49:55,359

that's what we're used to with the

1288

00:50:00,309 --> 00:49:58,160

freedom fighters and the anti-vaxxers

1289

00:50:03,109 --> 00:50:00,319

so a message to all my listeners in the

1290

00:50:04,150 --> 00:50:03,119

united states of america um

1291

00:50:06,390 --> 00:50:04,160

yeah

1292

00:50:07,670 --> 00:50:06,400

we're doing okay thank you to all those

1293

00:50:10,230 --> 00:50:07,680

people who continue to support the

1294

00:50:13,109 --> 00:50:10,240

skeptic zone at patreon or paypal or who

1295

00:50:14,790 --> 00:50:13,119

have come on board in the last week like

1296

00:50:17,270 --> 00:50:14,800

my good friend leonard trammell from the

1297

00:50:19,910 --> 00:50:17,280

bay area thank you leonard he's come on

1298

00:50:21,270 --> 00:50:19,920

board as a patreon sponsor

1299

00:50:23,030 --> 00:50:21,280

and you too

1300

00:50:25,349 --> 00:50:23,040

oh yes you too can come on board as a

1301
00:50:28,470 --> 00:50:25,359
patreon sponsor or paypal by visiting

1302
00:50:33,430 --> 00:50:31,910
and clicking the uh subscription link

1303
00:50:35,589 --> 00:50:33,440
and while you're there look at the top

1304
00:50:37,829 --> 00:50:35,599
of the page and you'll discover the new

1305
00:50:39,109 --> 00:50:37,839
tick tock link yes skeptics zone is on

1306
00:50:40,630 --> 00:50:39,119
tick tock

1307
00:50:42,790 --> 00:50:40,640
i haven't got that many followers yet

1308
00:50:45,270 --> 00:50:42,800
well i'm sort of new at this but if you

1309
00:50:47,030 --> 00:50:45,280
go there if you are into tick tock why

1310
00:50:49,109 --> 00:50:47,040
don't you click that tick tock link have

1311
00:50:51,190 --> 00:50:49,119
a laugh at some of my tick tocks

1312
00:50:53,030 --> 00:50:51,200
and become one of my tick tock

1313
00:50:55,030 --> 00:50:53,040

subscribers and we'll see if we can get

1314

00:50:57,990 --> 00:50:55,040

those numbers to come up

1315

00:50:59,670 --> 00:50:58,000

although i am horrified i am horrified

1316

00:51:01,829 --> 00:50:59,680

that the tick tock i have put up with

1317

00:51:03,990 --> 00:51:01,839

the most views so far stars brian

1318

00:51:05,190 --> 00:51:04,000

dunning from skeptoid so

1319

00:51:07,430 --> 00:51:05,200

go figure

1320

00:51:10,630 --> 00:51:07,440

and just before i go some good news from

1321

00:51:14,150 --> 00:51:10,640

maynardo reporter maynard he has more

1322

00:51:17,349 --> 00:51:14,160

gigs lined up now things are starting to

1323

00:51:19,750 --> 00:51:17,359

ease here in sydney so much for living

1324

00:51:22,150 --> 00:51:19,760

under the thumb of the government

1325

00:51:24,230 --> 00:51:22,160

no we are actually quite free and we're

1326
00:51:25,910 --> 00:51:24,240
free to go to gigs and maynard will be

1327
00:51:28,430 --> 00:51:25,920
doing some gigs for more information

1328
00:51:30,870 --> 00:51:28,440
please visit

1329
00:51:33,829 --> 00:51:30,880
maynard.com.eu if you live in sydney and

1330
00:51:35,270 --> 00:51:33,839
you can go along and enjoy a maynard

1331
00:51:37,510 --> 00:51:35,280
experience

1332
00:51:39,270 --> 00:51:37,520
but for this week this is richard

1333
00:51:44,309 --> 00:51:39,280
saunders signing off from sydney

1334
00:51:48,950 --> 00:51:46,069
you've been listening to the skeptic

1335
00:51:52,150 --> 00:51:48,960
zone podcast please visit our website at

1336
00:51:57,750 --> 00:51:55,190
for show notes contacts and to access

1337
00:51:59,990 --> 00:51:57,760
the back catalog of episodes going back

1338
00:52:01,910 --> 00:52:00,000

to 2008.

1339

00:52:04,630 --> 00:52:01,920

you can follow the skeptic zone podcast

1340

00:52:06,790 --> 00:52:04,640

on twitter at skepticzone

1341

00:52:09,109 --> 00:52:06,800

visit our facebook page or leave a

1342

00:52:11,190 --> 00:52:09,119

review on itunes

1343

00:52:14,390 --> 00:52:11,200

you can also support the skeptic zone

1344

00:52:17,510 --> 00:52:14,400

via patreon or paypal the skeptic zone

1345

00:52:19,349 --> 00:52:17,520

podcast is an independent production

1346

00:52:21,670 --> 00:52:19,359

the views and opinions expressed on the

1347

00:52:24,230 --> 00:52:21,680

skeptic zone are not necessarily those

1348

00:52:37,430 --> 00:52:24,240

of australian skeptics or any other

1349

00:52:40,870 --> 00:52:39,190

now don't go away susan gobig you're

1350

00:52:42,630 --> 00:52:40,880

back it's the end of the show of course

1351
00:52:52,870 --> 00:52:42,640
the music's over and you know what that

1352
00:52:56,069 --> 00:52:54,470
don't use that die that adrian sent you

1353
00:52:58,150 --> 00:52:56,079
that has the fake dial you can't see

1354
00:53:00,150 --> 00:52:58,160
that but there's a guy swelling machine

1355
00:53:01,670 --> 00:53:00,160
turn off your virtual reality here this

1356
00:53:03,589 --> 00:53:01,680
is the dice machine

1357
00:53:05,030 --> 00:53:03,599
that my good friend greg grey gave me

1358
00:53:05,910 --> 00:53:05,040
yep there it is folks if you ever

1359
00:53:08,230 --> 00:53:05,920
wondered

1360
00:53:12,470 --> 00:53:08,240
so here we go so susan what

1361
00:53:14,470 --> 00:53:12,480
why do i bother asking what what number

1362
00:53:16,069 --> 00:53:14,480
what kind of dice

1363
00:53:17,349 --> 00:53:16,079

i can't even hold that up to the camera

1364

00:53:19,430 --> 00:53:17,359

never mind

1365

00:53:21,910 --> 00:53:19,440

you just have to yeah it's a d6 that's a

1366

00:53:23,589 --> 00:53:21,920

d6 here we go so get you at home use

1367

00:53:24,950 --> 00:53:23,599

your psychic power guess you are out

1368

00:53:26,630 --> 00:53:24,960

there live

1369

00:53:30,390 --> 00:53:26,640

we're doing this live this is a change

1370

00:53:35,030 --> 00:53:31,510

oh

1371

00:53:37,270 --> 00:53:35,040

close susan close four

1372

00:53:39,510 --> 00:53:37,280

four

1373

00:53:43,270 --> 00:53:39,520

that's where it's ready

1374

00:53:44,309 --> 00:53:43,280

here it comes here it comes and

1375

00:53:45,510 --> 00:53:44,319

ah

1376
00:53:47,109 --> 00:53:45,520
you know what

1377
00:53:48,470 --> 00:53:47,119
susan

1378
00:53:50,549 --> 00:53:48,480
it's a five

1379
00:53:52,390 --> 00:53:50,559
and i don't cheat i just i honestly just

1380
00:53:53,829 --> 00:53:52,400
pick it up as it falls because you know

1381
00:53:57,510 --> 00:53:53,839
that because five doesn't come up that

1382
00:54:00,470 --> 00:53:59,190
last number here it comes

1383
00:54:02,470 --> 00:54:00,480
[Music]

1384
00:54:04,790 --> 00:54:02,480
well we've sort of been dancing around

1385
00:54:06,790 --> 00:54:04,800
so that's a three

1386
00:54:08,069 --> 00:54:06,800
so today's winning numbers folks are

1387
00:54:11,829 --> 00:54:08,079
four