



Episode **632**

THE
**SKEPTIC
ZONE**
PODCAST

www.skepticzone.tv

22 November 2020

Pete Evans -
His goose is cooked.

Dr Ken Harvey
has had enough.

Logical Fallacies with
Michelle Bijkersma
"The Fallacy Fallacy"

TROVE
Australian Skeptics

Skeptics News



1
00:00:08,390 --> 00:00:06,550

[Music]

2
00:00:11,190 --> 00:00:08,400
welcome to the skeptic zone

3
00:00:16,910 --> 00:00:11,200
the podcast from australia for science

4
00:00:23,670 --> 00:00:16,920
and reason

5
00:00:28,390 --> 00:00:25,589
yes it's the skeptic's own podcast

6
00:00:31,910 --> 00:00:28,400
episode number 632

7
00:00:33,350 --> 00:00:31,920
for the 22nd of november 2020.

8
00:00:35,990 --> 00:00:33,360
richard saunders coming to you from

9
00:00:38,470 --> 00:00:36,000
sydney australia ah let me have a look

10
00:00:40,310 --> 00:00:38,480
the sun is just about to rise up nice

11
00:00:42,630 --> 00:00:40,320
and early today

12
00:00:44,549 --> 00:00:42,640
i think i'll go for a nice 12 kilometer

13
00:00:47,670 --> 00:00:44,559

walk which has been my habit

14

00:00:48,549 --> 00:00:47,680

over the course of the pandemic and i've

15

00:00:50,950 --> 00:00:48,559

discovered

16

00:00:51,990 --> 00:00:50,960

what a good thing long walks are partly

17

00:00:53,670 --> 00:00:52,000

because

18

00:00:55,189 --> 00:00:53,680

i get to listen to lots of different

19

00:00:57,750 --> 00:00:55,199

podcasts more

20

00:00:59,349 --> 00:00:57,760

than i did before the pandemic and audio

21

00:01:01,510 --> 00:00:59,359

books and all sorts of things

22

00:01:03,910 --> 00:01:01,520

which reminds me right at the top of the

23

00:01:07,109 --> 00:01:03,920

show i will mention that the esp

24

00:01:08,710 --> 00:01:07,119

podcast are having a live show oh about

25

00:01:11,590 --> 00:01:08,720

this time next week anyway

26

00:01:12,230 --> 00:01:11,600

check out the european skeptics podcast

27

00:01:15,350 --> 00:01:12,240

for more

28

00:01:15,990 --> 00:01:15,360

information so next weekend look out for

29

00:01:18,789 --> 00:01:16,000

that live

30

00:01:20,390 --> 00:01:18,799

podcast coming up on this week's show we

31

00:01:23,510 --> 00:01:20,400

talk about

32

00:01:26,190 --> 00:01:23,520

the uh avalanche of news

33

00:01:27,910 --> 00:01:26,200

in the last week to do with so-called

34

00:01:31,109 --> 00:01:27,920

ex-celebrity chef pete

35

00:01:31,830 --> 00:01:31,119

evans who has been dumped left right and

36

00:01:35,109 --> 00:01:31,840

center by

37

00:01:36,630 --> 00:01:35,119

sponsors and book deals and tv shows and

38

00:01:39,990 --> 00:01:36,640

all sorts of things

39

00:01:42,310 --> 00:01:40,000

partly because of his bizarre

40

00:01:44,149 --> 00:01:42,320

claims about health well not really

41

00:01:45,670 --> 00:01:44,159

about his bizarre claims about health it

42

00:01:47,910 --> 00:01:45,680

seems he could make all sorts of bizarre

43

00:01:49,670 --> 00:01:47,920

claims about health products and

44

00:01:51,670 --> 00:01:49,680

nonsense like that and still get away

45

00:01:55,109 --> 00:01:51,680

with it sort of

46

00:01:56,149 --> 00:01:55,119

but uh he finally went too far when he

47

00:02:00,230 --> 00:01:56,159

posted

48

00:02:03,990 --> 00:02:00,240

a comic a cartoon i should say a cartoon

49

00:02:06,709 --> 00:02:04,000

panel featuring a neo-nazi sign

50

00:02:08,550 --> 00:02:06,719

that was uh the straw that broke the

51

00:02:11,589 --> 00:02:08,560

camel's back as far as his

52

00:02:13,589 --> 00:02:11,599

public image went i think

53

00:02:16,070 --> 00:02:13,599

and don't forget pete evans is the only

54

00:02:16,710 --> 00:02:16,080

person in the history of the bent spoon

55

00:02:23,910 --> 00:02:16,720

award

56

00:02:27,190 --> 00:02:23,920

after we uh look at the latest

57

00:02:30,229 --> 00:02:27,200

after that look at pete evans and his

58

00:02:31,990 --> 00:02:30,239

week from hell we have logical fallacies

59

00:02:33,350 --> 00:02:32,000

with michelle bickersma

60

00:02:35,509 --> 00:02:33,360

and this week michelle's going to be

61

00:02:37,830 --> 00:02:35,519

looking at the fallacy fallacy

62

00:02:38,790 --> 00:02:37,840

the fallacy fallacy that's an

63

00:02:41,030 --> 00:02:38,800

interesting one

64

00:02:42,790 --> 00:02:41,040

i'd never heard about this one before we

65

00:02:44,710 --> 00:02:42,800

started working on the segment so the

66

00:02:46,630 --> 00:02:44,720

fallacy fallacy coming up

67

00:02:48,229 --> 00:02:46,640

then we have news of our friend dr ken

68

00:02:51,910 --> 00:02:48,239

harvey and

69

00:02:54,630 --> 00:02:51,920

his uh stepping down from a position

70

00:02:57,190 --> 00:02:54,640

with a therapeutic goods administration

71

00:02:58,710 --> 00:02:57,200

over pure frustration and their

72

00:03:02,550 --> 00:02:58,720

inability

73

00:03:06,390 --> 00:03:02,560

or their apathy or their

74

00:03:09,589 --> 00:03:06,400

tardiness to really act on dodgy

75

00:03:12,070 --> 00:03:09,599

health claims in australia now this is

76

00:03:14,790 --> 00:03:12,080

the government agency responsible

77

00:03:16,390 --> 00:03:14,800

for well let's say issuing fines and

78

00:03:19,270 --> 00:03:16,400

warnings and things like that

79

00:03:21,350 --> 00:03:19,280

against dodgy health products dr harvey

80

00:03:22,149 --> 00:03:21,360

and the skeptical community in general

81

00:03:26,309 --> 00:03:22,159

have long

82

00:03:30,309 --> 00:03:26,319

since been less than impressed

83

00:03:32,710 --> 00:03:30,319

by the inactivity of this uh

84

00:03:33,750 --> 00:03:32,720

organization following that it's the

85

00:03:36,470 --> 00:03:33,760

latest uh

86

00:03:38,550 --> 00:03:36,480

newsletter from australian skeptics find

87

00:03:39,110 --> 00:03:38,560

out what's going on in the skeptical

88

00:03:41,509 --> 00:03:39,120

world

89

00:03:43,430 --> 00:03:41,519

then to round off the show another trip

90

00:03:44,869 --> 00:03:43,440

into trove the online resource from the

91

00:03:46,149 --> 00:03:44,879

australian government and the national

92

00:03:50,470 --> 00:03:46,159

library of australia

93

00:03:52,630 --> 00:03:50,480

once more uh looking at another

94

00:03:54,470 --> 00:03:52,640

another search to do with the australian

95

00:03:56,229 --> 00:03:54,480

skeptics and our friend tim mendom who

96

00:03:57,750 --> 00:03:56,239

gets a mention

97

00:04:00,390 --> 00:03:57,760

but now it's time for me to run

98

00:04:04,710 --> 00:04:00,400

downstairs run into the kitchen and

99

00:04:08,550 --> 00:04:04,720

uh cook up some wonderful veggie

100

00:04:10,229 --> 00:04:08,560

vegetables for tonight in fact during

101
00:04:11,190 --> 00:04:10,239
this whole pandemic i've discovered the

102
00:04:13,750 --> 00:04:11,200
wonders of

103
00:04:15,830 --> 00:04:13,760
cooking lovely veggies don't you agree

104
00:04:19,189 --> 00:04:15,840
my goodness made they're delicious

105
00:04:21,030 --> 00:04:19,199
and baked veggies yum yum yum

106
00:04:22,790 --> 00:04:21,040
i've finally learned how to bake

107
00:04:24,550 --> 00:04:22,800
vegetables properly in the oven

108
00:04:26,070 --> 00:04:24,560
thank you internet thank you youtube

109
00:04:26,950 --> 00:04:26,080
thank you to those thousands of people

110
00:04:30,310 --> 00:04:26,960
who post

111
00:04:33,510 --> 00:04:30,320
how to do everything mmm baked

112
00:04:35,110 --> 00:04:33,520
vegetables with a little bit of sesame

113
00:04:38,150 --> 00:04:35,120

oil

114

00:04:40,629 --> 00:04:38,160

some bit of salt i put chili flakes on

115

00:04:43,510 --> 00:04:40,639

because i put chili flakes on everything

116

00:04:46,950 --> 00:04:43,520

and bake them roast them up until

117

00:04:49,830 --> 00:04:46,960

they're a bit crispy on the outside

118

00:05:01,130 --> 00:04:49,840

well i do that i hope you enjoy the

119

00:05:01,140 --> 00:05:09,270

[Music]

120

00:05:13,270 --> 00:05:11,350

now long-time listeners to the skeptic

121

00:05:16,550 --> 00:05:13,280

zone will recall

122

00:05:18,310 --> 00:05:16,560

the ongoing saga that is paleo pete

123

00:05:21,350 --> 00:05:18,320

evans the former tv chef

124

00:05:23,350 --> 00:05:21,360

who has now been dropped left right and

125

00:05:26,390 --> 00:05:23,360

center from various promotions

126
00:05:28,070 --> 00:05:26,400
he was involved with sponsorship deals

127
00:05:30,150 --> 00:05:28,080
book deals all sorts of things

128
00:05:31,110 --> 00:05:30,160
television programs the list goes on and

129
00:05:34,150 --> 00:05:31,120
on and on

130
00:05:36,070 --> 00:05:34,160
now in 2015 pete evans

131
00:05:38,390 --> 00:05:36,080
came to our attention more or less for

132
00:05:41,830 --> 00:05:38,400
his promotion of the

133
00:05:42,310 --> 00:05:41,840
paleo diet and also his campaigns

134
00:05:44,909 --> 00:05:42,320
against

135
00:05:46,469 --> 00:05:44,919
fluidization his support for

136
00:05:49,670 --> 00:05:46,479
anti-vaccination

137
00:05:52,950 --> 00:05:49,680
and his post discouraging the use of

138
00:05:54,070 --> 00:05:52,960

sun cream suntan lotion sunscreen that

139

00:05:55,510 --> 00:05:54,080

sort of thing

140

00:05:57,749 --> 00:05:55,520

now that's an old conspiracy i've come

141

00:06:00,469 --> 00:05:57,759

across that one before

142

00:06:01,830 --> 00:06:00,479

where people say that there are micro

143

00:06:04,710 --> 00:06:01,840

particles in

144

00:06:06,790 --> 00:06:04,720

sunscreen you shouldn't use them in fact

145

00:06:08,870 --> 00:06:06,800

i was once doing a tv show many years

146

00:06:11,909 --> 00:06:08,880

ago and we were out in the sunshine

147

00:06:14,790 --> 00:06:11,919

and one of the people involved in the tv

148

00:06:15,590 --> 00:06:14,800

show was um promoting this conspiracy

149

00:06:17,590 --> 00:06:15,600

theory

150

00:06:18,710 --> 00:06:17,600

and i stepped in and i stood up and i

151
00:06:21,029 --> 00:06:18,720
said looks

152
00:06:22,629 --> 00:06:21,039
i think everybody i think he should be

153
00:06:25,670 --> 00:06:22,639
wearing sunscreen on us

154
00:06:27,510 --> 00:06:25,680
on such a hot day well pete evans

155
00:06:28,950 --> 00:06:27,520
has been bubbling along for some years

156
00:06:30,629 --> 00:06:28,960
with the same sort of conspiracy

157
00:06:32,870 --> 00:06:30,639
theories and

158
00:06:33,990 --> 00:06:32,880
strange beliefs but this year it's

159
00:06:37,029 --> 00:06:34,000
really come

160
00:06:39,270 --> 00:06:37,039
to the fore with covert 19 of course and

161
00:06:40,309 --> 00:06:39,280
in fact you may well recall that not so

162
00:06:42,950 --> 00:06:40,319
long ago

163
00:06:43,510 --> 00:06:42,960

only a matter of weeks ago pete evans

164

00:06:45,350 --> 00:06:43,520

won

165

00:06:47,510 --> 00:06:45,360

this year's benspoon award for the

166

00:06:50,469 --> 00:06:47,520

promotion of the pseudo-scientific

167

00:06:52,629 --> 00:06:50,479

non-medical biocharger and his

168

00:06:55,909 --> 00:06:52,639

continuing anti-vaccination

169

00:06:58,710 --> 00:06:55,919

position now the biocharger is this

170

00:07:00,790 --> 00:06:58,720

machine that looks like a blender and

171

00:07:03,029 --> 00:07:00,800

christmas lights all mixed up together

172

00:07:04,790 --> 00:07:03,039

and the idea is you put this in a room

173

00:07:06,950 --> 00:07:04,800

you switch it on the lights flash and do

174

00:07:09,110 --> 00:07:06,960

what they have to do and it sends out

175

00:07:10,550 --> 00:07:09,120

and it sends out energies or frequencies

176

00:07:13,990 --> 00:07:10,560

that can manipulate

177

00:07:15,909 --> 00:07:14,000

biological organisms

178

00:07:17,270 --> 00:07:15,919

such as pathogens or whatever in your

179

00:07:19,589 --> 00:07:17,280

body it's

180

00:07:21,350 --> 00:07:19,599

it's beyond nonsense and in a time of

181

00:07:23,110 --> 00:07:21,360

covet 19 when

182

00:07:25,029 --> 00:07:23,120

sadly hundreds of thousands of people

183

00:07:28,550 --> 00:07:25,039

around the world are dying

184

00:07:30,550 --> 00:07:28,560

it is uh nothing you can take

185

00:07:31,830 --> 00:07:30,560

with a grain of salt anymore it's deadly

186

00:07:33,749 --> 00:07:31,840

serious

187

00:07:35,670 --> 00:07:33,759

so to try and bring you up to speed as

188

00:07:37,189 --> 00:07:35,680

best i can because in the last week it's

189

00:07:40,309 --> 00:07:37,199

just getting ridiculous

190

00:07:41,909 --> 00:07:40,319

with this pete evans story i will read a

191

00:07:44,469 --> 00:07:41,919

few excerpts from

192

00:07:45,589 --> 00:07:44,479

media reports and newspapers and so on

193

00:07:48,790 --> 00:07:45,599

concerning

194

00:07:51,110 --> 00:07:48,800

this character and we begin with the

195

00:07:54,309 --> 00:07:51,120

sydney morning herald dated the 18th

196

00:07:55,270 --> 00:07:54,319

of november 2020 with the headline no

197

00:07:59,029 --> 00:07:55,280

longer good

198

00:08:02,710 --> 00:07:59,039

evans as sponsors run a mile

199

00:08:06,070 --> 00:08:02,720

and this is by carl quinn and brodie

200

00:08:08,550 --> 00:08:06,080

carmody as many of pete evans

201
00:08:11,029 --> 00:08:08,560
lucrative media and sponsorship deals

202
00:08:11,830 --> 00:08:11,039
evaporated within the space of 24 hours

203
00:08:13,909 --> 00:08:11,840
this week

204
00:08:16,550 --> 00:08:13,919
it was easy to imagine it might have

205
00:08:18,710 --> 00:08:16,560
been the last we would see of a man

206
00:08:19,830 --> 00:08:18,720
who has morphed from mainstream

207
00:08:22,309 --> 00:08:19,840
television star

208
00:08:23,270 --> 00:08:22,319
to polarizing diet health and lifestyle

209
00:08:26,469 --> 00:08:23,280
profit

210
00:08:29,270 --> 00:08:26,479
before our eyes i don't think

211
00:08:30,150 --> 00:08:29,280
he has a place in public life in

212
00:08:31,830 --> 00:08:30,160
australia

213
00:08:33,589 --> 00:08:31,840

said jennifer hill founder of the

214

00:08:36,630 --> 00:08:33,599

feminist activist group

215

00:08:38,949 --> 00:08:36,640

mad effing witches and i'll let you use

216

00:08:41,430 --> 00:08:38,959

your imagination what effing means

217

00:08:43,269 --> 00:08:41,440

and one of the instigators of a swift

218

00:08:45,269 --> 00:08:43,279

and successful campaign against the

219

00:08:48,150 --> 00:08:45,279

former my kitchen rules host

220

00:08:49,350 --> 00:08:48,160

this week i think that disqualifies you

221

00:08:51,910 --> 00:08:49,360

from having a voice

222

00:08:52,710 --> 00:08:51,920

despite his increasingly controversial

223

00:08:55,590 --> 00:08:52,720

views

224

00:08:56,870 --> 00:08:55,600

evans was still a highly bankable brand

225

00:08:59,110 --> 00:08:56,880

until on monday

226
00:09:00,630 --> 00:08:59,120
he shared a cartoon image of a butterfly

227
00:09:03,750 --> 00:09:00,640
whose winged pattern

228
00:09:07,110 --> 00:09:03,760
was in the form of a sununrad

229
00:09:07,990 --> 00:09:07,120
black sun an ancient norse symbol that

230
00:09:11,110 --> 00:09:08,000
has been

231
00:09:11,829 --> 00:09:11,120
appropriated by neo-nazis in recent

232
00:09:13,990 --> 00:09:11,839
years

233
00:09:15,670 --> 00:09:14,000
and a bit later on this article says

234
00:09:17,990 --> 00:09:15,680
evans did not respond

235
00:09:19,829 --> 00:09:18,000
to requests for a comment late yesterday

236
00:09:22,550 --> 00:09:19,839
he posted a video on facebook in

237
00:09:22,790 --> 00:09:22,560
response to media reports the fact that

238
00:09:38,230 --> 00:09:22,800

i

239

00:09:41,590 --> 00:09:38,240

news report goes on to tell us that

240

00:09:43,590 --> 00:09:41,600

uh pete evans has been dumped from a

241

00:09:45,990 --> 00:09:43,600

show that's going to go in production

242

00:09:47,110 --> 00:09:46,000

in january called i'm a celebrity get me

243

00:09:48,710 --> 00:09:47,120

out of here

244

00:09:51,030 --> 00:09:48,720

and if you don't know what that show is

245

00:09:53,030 --> 00:09:51,040

it's where they get

246

00:09:54,230 --> 00:09:53,040

recent celebrities or people of note of

247

00:09:55,670 --> 00:09:54,240

recent times

248

00:09:57,990 --> 00:09:55,680

put them in the middle of the desert

249

00:09:58,550 --> 00:09:58,000

usually in or the jungle usually in

250

00:10:00,070 --> 00:09:58,560

africa

251
00:10:02,630 --> 00:10:00,080
and put them through all sorts of

252
00:10:03,990 --> 00:10:02,640
tortures and trials and

253
00:10:05,829 --> 00:10:04,000
things like that well this year the

254
00:10:07,590 --> 00:10:05,839
whole series is being filmed right here

255
00:10:09,110 --> 00:10:07,600
in australia for i guess you would have

256
00:10:11,269 --> 00:10:09,120
to say obvious reasons

257
00:10:12,870 --> 00:10:11,279
anyway pete evans was lined up to be one

258
00:10:16,069 --> 00:10:12,880
of the stars on the show

259
00:10:18,949 --> 00:10:16,079
but he's been dumped from that show

260
00:10:20,389 --> 00:10:18,959
and also this article points out that a

261
00:10:23,750 --> 00:10:20,399
lot of his sponsors

262
00:10:26,870 --> 00:10:23,760
have been deserting him and rightly so

263
00:10:28,630 --> 00:10:26,880

things like retail outlets uh big w

264

00:10:30,230 --> 00:10:28,640

for example the demix bookstore

265

00:10:32,790 --> 00:10:30,240

woolworth supermarkets

266

00:10:34,710 --> 00:10:32,800

house which is a place you would buy uh

267

00:10:37,350 --> 00:10:34,720

kitchen utilities and things like that

268

00:10:38,710 --> 00:10:37,360

coal supermarket cooking brands have

269

00:10:42,870 --> 00:10:38,720

dumped him

270

00:10:45,269 --> 00:10:42,880

uh so it's been a very

271

00:10:47,829 --> 00:10:45,279

quick in one respect a quick downfall

272

00:10:49,509 --> 00:10:47,839

for pete evans over the last week or so

273

00:10:51,030 --> 00:10:49,519

but over the longer period he has been

274

00:10:54,310 --> 00:10:51,040

spouting this sort of

275

00:10:57,350 --> 00:10:54,320

conspiracy theory and frankly

276
00:10:58,389 --> 00:10:57,360
woowoo alternative medicine for some

277
00:11:02,150 --> 00:10:58,399
time

278
00:11:02,630 --> 00:11:02,160
the uh bio machine with the flashing

279
00:11:04,790 --> 00:11:02,640
lights

280
00:11:05,910 --> 00:11:04,800
which cost thousands upon thousands of

281
00:11:08,790 --> 00:11:05,920
dollars was just

282
00:11:10,389 --> 00:11:08,800
one example of this now the very latest

283
00:11:12,150 --> 00:11:10,399
that's come to hand as i record this on

284
00:11:14,790 --> 00:11:12,160
saturday the uh

285
00:11:17,829 --> 00:11:14,800
the 21st of november there's a news

286
00:11:19,750 --> 00:11:17,839
report come up here on news.com

287
00:11:20,949 --> 00:11:19,760
time to say goodbye controversial

288
00:11:23,430 --> 00:11:20,959

celebrity chef

289

00:11:24,069 --> 00:11:23,440

turned conspiracy theorist pete evans

290

00:11:27,590 --> 00:11:24,079

quits

291

00:11:29,030 --> 00:11:27,600

facebook now that's interesting so he's

292

00:11:31,590 --> 00:11:29,040

more or less come out saying that he's

293

00:11:34,710 --> 00:11:31,600

going to quit facebook

294

00:11:37,350 --> 00:11:34,720

uh i wonder if that's going to be true

295

00:11:37,990 --> 00:11:37,360

but largely i think pete evans big

296

00:11:41,509 --> 00:11:38,000

problems

297

00:11:44,790 --> 00:11:41,519

came when he posted that neo-nazi sign

298

00:11:46,310 --> 00:11:44,800

on his social media now you can get away

299

00:11:48,870 --> 00:11:46,320

with a lot when you're a celebrity you

300

00:11:50,949 --> 00:11:48,880

can make outrageous health claims

301
00:11:52,550 --> 00:11:50,959
which put people's lives in danger quite

302
00:11:54,629 --> 00:11:52,560
frankly

303
00:11:56,470 --> 00:11:54,639
it's one thing that when you start

304
00:11:59,829 --> 00:11:56,480
posting neo-nazi

305
00:12:03,350 --> 00:11:59,839
symbols on conspiracy theories like that

306
00:12:05,190 --> 00:12:03,360
then i guess that must be a line in the

307
00:12:07,910 --> 00:12:05,200
sand for a lot of people

308
00:12:10,150 --> 00:12:07,920
anyway i will link to some of these uh

309
00:12:11,910 --> 00:12:10,160
articles in this week's show notes

310
00:12:13,590 --> 00:12:11,920
i don't think we've seen the last of

311
00:12:18,250 --> 00:12:13,600
pete evans he has a large

312
00:12:22,829 --> 00:12:18,260
fan base but uh well that remains to be

313
00:12:25,650 --> 00:12:22,839

[Music]

314

00:12:30,069 --> 00:12:25,660

seen

315

00:12:36,470 --> 00:12:32,870

hi there i'm abhijeet and i host the

316

00:12:38,470 --> 00:12:36,480

rationable podcast on berationable.com

317

00:12:39,990 --> 00:12:38,480

every couple of weeks i science the hell

318

00:12:42,550 --> 00:12:40,000

out of alternative medicines

319

00:12:43,509 --> 00:12:42,560

health and nutrition fads social media

320

00:12:46,790 --> 00:12:43,519

forwards

321

00:12:49,190 --> 00:12:46,800

science news and lots more of course

322

00:12:51,110 --> 00:12:49,200

you can find all of my articles podcast

323

00:12:55,350 --> 00:12:51,120

episodes and lots more

324

00:13:00,510 --> 00:12:55,360

on www.berationable.com

325

00:13:04,839 --> 00:13:04,829

[Music]

326
00:13:18,829 --> 00:13:06,540
rationable

327
00:13:23,990 --> 00:13:18,839
[Music]

328
00:13:29,110 --> 00:13:25,610
logical fallacies

329
00:13:31,910 --> 00:13:29,120
[Music]

330
00:13:33,670 --> 00:13:31,920
what are logical fallacies and why is it

331
00:13:33,990 --> 00:13:33,680
important that critical thinkers should

332
00:13:38,069 --> 00:13:34,000
know

333
00:13:40,790 --> 00:13:38,079
about them a logical fallacy is an

334
00:13:42,949 --> 00:13:40,800
error we can make in reasoning but it

335
00:13:46,710 --> 00:13:42,959
usually crops up when we are discussing

336
00:13:51,110 --> 00:13:48,790
some people might even knowingly use

337
00:13:51,990 --> 00:13:51,120
them to try and score cheap points in an

338
00:13:55,269 --> 00:13:52,000

argument

339

00:13:57,829 --> 00:13:55,279

due to intellectual laziness

340

00:13:59,590 --> 00:13:57,839

they are traps we can fall into but if

341

00:14:01,670 --> 00:13:59,600

we know what to look out for

342

00:14:05,340 --> 00:14:01,680

we can spot them when they occur and

343

00:14:06,629 --> 00:14:05,350

stop ourselves from using them

344

00:14:08,949 --> 00:14:06,639

[Music]

345

00:14:10,550 --> 00:14:08,959

this time we'll look at the fallacy

346

00:14:16,790 --> 00:14:10,560

fallacy

347

00:14:18,069 --> 00:14:16,800

this is when because your opponent uses

348

00:14:21,350 --> 00:14:18,079

logical fallacies

349

00:14:25,509 --> 00:14:21,360

you assume their main argument or point

350

00:14:27,829 --> 00:14:25,519

must therefore also be wrong

351
00:14:29,590 --> 00:14:27,839
winning your argument due to the errors

352
00:14:31,509 --> 00:14:29,600
made by your opponent

353
00:14:34,310 --> 00:14:31,519
might be a little like winning the

354
00:14:36,389 --> 00:14:34,320
battle but losing the war

355
00:14:37,350 --> 00:14:36,399
not everyone is good at putting their

356
00:14:40,790 --> 00:14:37,360
case

357
00:14:42,710 --> 00:14:40,800
even if their main point is true

358
00:14:44,949 --> 00:14:42,720
my friend was trying to convince me that

359
00:14:47,110 --> 00:14:44,959
nasa really did send astronauts to the

360
00:14:50,949 --> 00:14:47,120
moon in 1969

361
00:14:52,949 --> 00:14:50,959
but her arguments really didn't stack up

362
00:14:54,150 --> 00:14:52,959
telling me it's true because everybody

363
00:14:56,710 --> 00:14:54,160

knows it's true is

364

00:14:58,069 --> 00:14:56,720

like a cop-out to me no reason then for

365

00:15:01,030 --> 00:14:58,079

me to change my mind

366

00:15:03,350 --> 00:15:01,040

i think it was all faked that nasa sent

367

00:15:04,470 --> 00:15:03,360

astronauts to the moon in the 60s and

368

00:15:07,269 --> 00:15:04,480

70s

369

00:15:09,829 --> 00:15:07,279

is an historical fact but it can be

370

00:15:11,269 --> 00:15:09,839

difficult to argue the case if you don't

371

00:15:14,949 --> 00:15:11,279

know the many many

372

00:15:16,710 --> 00:15:14,959

details of the subject it's very easy to

373

00:15:19,990 --> 00:15:16,720

get flustered and make bad

374

00:15:22,470 --> 00:15:20,000

arguments even though in the end your

375

00:15:26,069 --> 00:15:22,480

main point is correct

376

00:15:28,389 --> 00:15:26,079

i had a choice between two treatments

377

00:15:29,590 --> 00:15:28,399

one was considered natural and the other

378

00:15:32,230 --> 00:15:29,600

was considered

379

00:15:33,030 --> 00:15:32,240

artificial i went for the artificial

380

00:15:35,829 --> 00:15:33,040

treatment

381

00:15:37,430 --> 00:15:35,839

as i know about the appeal to nature

382

00:15:39,350 --> 00:15:37,440

fallacy

383

00:15:40,550 --> 00:15:39,360

while much that is found in nature is

384

00:15:43,350 --> 00:15:40,560

toxic

385

00:15:44,629 --> 00:15:43,360

that alone is no reason to reject a

386

00:15:47,110 --> 00:15:44,639

treatment

387

00:15:48,230 --> 00:15:47,120

you need to look at the evidence behind

388

00:15:51,030 --> 00:15:48,240

any treatment

389

00:15:53,430 --> 00:15:51,040

whether from nature or from a lab to

390

00:15:56,629 --> 00:15:53,440

support your choices

391

00:15:56,949 --> 00:15:56,639

my friend who believes in evolution told

392

00:15:59,910 --> 00:15:56,959

me

393

00:16:01,509 --> 00:15:59,920

that it was all the scientists who also

394

00:16:04,470 --> 00:16:01,519

believe in evolution that

395

00:16:06,629 --> 00:16:04,480

finally convinced him but as i listened

396

00:16:08,550 --> 00:16:06,639

to the logical fallacy segment on the

397

00:16:11,590 --> 00:16:08,560

skeptic zone podcast

398

00:16:12,470 --> 00:16:11,600

i know that this is just the appeal to

399

00:16:14,710 --> 00:16:12,480

authority

400

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

fallacy he'll have to do better than

401
00:16:18,389 --> 00:16:16,720
that to convince me

402
00:16:20,949 --> 00:16:18,399
while it's great that this person is

403
00:16:23,430 --> 00:16:20,959
learning about logical fallacies

404
00:16:25,590 --> 00:16:23,440
maybe they'll also come to understand

405
00:16:28,629 --> 00:16:25,600
that arguments and ideas can be

406
00:16:30,150 --> 00:16:28,639
quite involved and complex and need much

407
00:16:32,389 --> 00:16:30,160
more engagement than just

408
00:16:33,749 --> 00:16:32,399
pointing out logical fallacies along the

409
00:16:36,710 --> 00:16:33,759
way

410
00:16:37,430 --> 00:16:36,720
in this case the consensus of scientific

411
00:16:39,590 --> 00:16:37,440
opinion

412
00:16:43,590 --> 00:16:39,600
is being confused with an appeal to

413
00:16:48,310 --> 00:16:45,509

while it might be easy to score points

414

00:16:51,749 --> 00:16:48,320

based on your opponent's poor arguments

415

00:16:54,150 --> 00:16:51,759

try to bear in mind that in the end

416

00:16:55,590 --> 00:16:54,160

you are both hopefully trying to get to

417

00:16:59,269 --> 00:16:55,600

the truth

418

00:17:02,870 --> 00:16:59,279

if something is true and real it is true

419

00:17:09,909 --> 00:17:02,880

and real regardless of how well or how

420

00:17:12,949 --> 00:17:11,990

knowing a logical fallacy when you hear

421

00:17:15,669 --> 00:17:12,959

one and

422

00:17:18,230 --> 00:17:15,679

even knowing its name is important when

423

00:17:21,590 --> 00:17:18,240

arguing your point of view

424

00:17:24,069 --> 00:17:21,600

however you may come across as arrogant

425

00:17:24,870 --> 00:17:24,079

and not get very far if you call it out

426

00:17:27,189 --> 00:17:24,880

by name

427

00:17:29,270 --> 00:17:27,199

to your opponent when you hear it being

428

00:17:31,830 --> 00:17:29,280

used

429

00:17:32,630 --> 00:17:31,840

if your opponent calls you out for using

430

00:17:34,870 --> 00:17:32,640

one

431

00:17:37,909 --> 00:17:34,880

it's time to stop and think about how

432

00:17:40,070 --> 00:17:37,919

you are making your case

433

00:17:41,270 --> 00:17:40,080

use your knowledge of logical fallacies

434

00:17:43,990 --> 00:17:41,280

wisely

435

00:17:45,270 --> 00:17:44,000

and remember that even if your point of

436

00:17:47,510 --> 00:17:45,280

view is right

437

00:17:48,870 --> 00:17:47,520

and you know all the pitfalls in arguing

438

00:17:51,350 --> 00:17:48,880

your case

439

00:17:52,470 --> 00:17:51,360

it doesn't always mean you'll win on the

440

00:17:55,830 --> 00:17:52,480

day

441

00:18:01,430 --> 00:17:55,840

and as skeptics we must also remember

442

00:18:03,190 --> 00:18:01,440

that we too can be wrong at times

443

00:18:15,040 --> 00:18:03,200

i'm michelle bickersma from the vic

444

00:18:22,470 --> 00:18:15,050

skeptics thanks for listening

445

00:18:24,230 --> 00:18:22,480

[Music]

446

00:18:27,190 --> 00:18:24,240

this is kyle from the data skeptic

447

00:18:29,350 --> 00:18:27,200

podcast if you're curious about the way

448

00:18:30,230 --> 00:18:29,360

data is changing our world topics like

449

00:18:32,070 --> 00:18:30,240

ai and

450

00:18:34,150 --> 00:18:32,080

all this craziness with facebook and

451

00:18:35,990 --> 00:18:34,160

bots and the twitter storm and

452

00:18:38,070 --> 00:18:36,000

how the algorithms that underline that

453

00:18:39,270 --> 00:18:38,080

work and you don't want a technical deep

454

00:18:40,549 --> 00:18:39,280

dive you want it

455

00:18:42,230 --> 00:18:40,559

in the vernacular in a way that people

456

00:18:43,830 --> 00:18:42,240

can understand check us out at data

457

00:18:45,909 --> 00:18:43,840

skeptic that's what we try and do

458

00:18:47,590 --> 00:18:45,919

i interview advanced professionals in

459

00:18:48,070 --> 00:18:47,600

the field who do this sort of research

460

00:18:51,300 --> 00:18:48,080

and then

461

00:18:52,950 --> 00:18:51,310

i get into interesting projects as well

462

00:18:54,710 --> 00:18:52,960

[Music]

463

00:18:56,110 --> 00:18:54,720

we're a weekly show and you can find us

464

00:19:17,430 --> 00:18:56,120
at datasceptic.com

465

00:19:20,950 --> 00:19:20,150
in the past week news has come to us of

466

00:19:25,350 --> 00:19:20,960
our friend

467

00:19:28,950 --> 00:19:25,360
dr ken harvey a long time campaigner for

468

00:19:32,950 --> 00:19:28,960
common sense in science and medicine

469

00:19:34,470 --> 00:19:32,960
and a equally fearsome campaigner when

470

00:19:37,990 --> 00:19:34,480
it comes to

471

00:19:40,470 --> 00:19:38,000
quackery woo things masquerading

472

00:19:42,590 --> 00:19:40,480
as medicine can harvey has been

473

00:19:44,310 --> 00:19:42,600
associated with the therapeutics goods

474

00:19:46,549 --> 00:19:44,320
administration

475

00:19:49,430 --> 00:19:46,559
but this news item has come our way

476
00:19:53,909 --> 00:19:49,440
dated the 16th of november 2020

477
00:19:54,310 --> 00:19:53,919
by liam mannix top doctor resigns tga

478
00:19:56,710 --> 00:19:54,320
role

479
00:20:00,630 --> 00:19:56,720
after concerns with policing of fringe

480
00:20:04,630 --> 00:20:02,549
a leading medical campaigner has

481
00:20:06,470 --> 00:20:04,640
resigned from the medical watchdogs

482
00:20:09,510 --> 00:20:06,480
advertising committee

483
00:20:12,230 --> 00:20:09,520
citing years of frustration over its

484
00:20:13,350 --> 00:20:12,240
kid glove treatment of complementary

485
00:20:15,430 --> 00:20:13,360
medicines

486
00:20:21,909 --> 00:20:15,440
the therapeutic goods administration

487
00:20:23,830 --> 00:20:21,919
received 1468 complaints in 2018-19

488
00:20:25,029 --> 00:20:23,840

about advertisements for drugs and

489

00:20:28,789 --> 00:20:25,039

devices

490

00:20:31,510 --> 00:20:28,799

many of them alleging herbal supplements

491

00:20:32,549 --> 00:20:31,520

fat burners and hangover cures were

492

00:20:35,110 --> 00:20:32,559

being sold with

493

00:20:36,310 --> 00:20:35,120

wild and unsupported claims about their

494

00:20:38,230 --> 00:20:36,320

effectiveness

495

00:20:40,470 --> 00:20:38,240

nearly all the complaints were upheld

496

00:20:43,510 --> 00:20:40,480

but despite having the power to issue

497

00:20:44,789 --> 00:20:43,520

penalties in most cases the tga opted to

498

00:20:47,669 --> 00:20:44,799

send only

499

00:20:47,990 --> 00:20:47,679

an advisory letter according to a study

500

00:20:50,630 --> 00:20:48,000

led

501
00:20:52,070 --> 00:20:50,640
by associate professor ken harvey and

502
00:20:53,190 --> 00:20:52,080
published in the australian health

503
00:20:56,070 --> 00:20:53,200
review

504
00:20:58,789 --> 00:20:56,080
in 2018 federal minister greg hunt

505
00:21:01,430 --> 00:20:58,799
appointed dr harvey as a representative

506
00:21:04,710 --> 00:21:01,440
of consumer organization and magazine

507
00:21:07,430 --> 00:21:04,720
choice to the tga's advertising

508
00:21:08,070 --> 00:21:07,440
consultative committee a panel of

509
00:21:10,390 --> 00:21:08,080
industry

510
00:21:11,110 --> 00:21:10,400
media and consumer representatives who

511
00:21:14,950 --> 00:21:11,120
work

512
00:21:17,270 --> 00:21:14,960
with it on advertising compliance

513
00:21:18,230 --> 00:21:17,280

before that dr harvey who is a choice

514

00:21:20,230 --> 00:21:18,240

life member

515

00:21:22,310 --> 00:21:20,240

spent several years on the therapeutics

516

00:21:23,110 --> 00:21:22,320

goods advertising complaint resolution

517

00:21:24,870 --> 00:21:23,120

panel

518

00:21:26,310 --> 00:21:24,880

i have come to the conclusion that i

519

00:21:30,470 --> 00:21:26,320

have been wasting

520

00:21:33,590 --> 00:21:30,480

my and choices time dr harvey said

521

00:21:34,710 --> 00:21:33,600

the tga is not going to fix the problem

522

00:21:37,190 --> 00:21:34,720

of advertising

523

00:21:38,310 --> 00:21:37,200

until there is changes either at the top

524

00:21:41,110 --> 00:21:38,320

of the tga

525

00:21:42,149 --> 00:21:41,120

or at government level dr harvey said

526
00:21:45,590 --> 00:21:42,159
the tga

527
00:21:47,909 --> 00:21:45,600
which is funded by industry has grown

528
00:21:48,870 --> 00:21:47,919
too close to those it was supposed to

529
00:21:51,510 --> 00:21:48,880
regulate

530
00:21:53,909 --> 00:21:51,520
complementary medicines are a profitable

531
00:21:55,909 --> 00:21:53,919
export orientated industry

532
00:21:57,590 --> 00:21:55,919
but it's export orientated because it's

533
00:21:59,669 --> 00:21:57,600
producing

534
00:22:01,830 --> 00:21:59,679
sooner or later even the chinese are

535
00:22:04,950 --> 00:22:01,840
going to want products that work

536
00:22:07,990 --> 00:22:04,960
he said professor harvey personally

537
00:22:08,630 --> 00:22:08,000
complained about a quote clinically

538
00:22:12,310 --> 00:22:08,640

proven

539

00:22:15,350 --> 00:22:12,320

end quote hangover relief pill in 2018

540

00:22:17,750 --> 00:22:15,360

citing a lack of published evidence that

541

00:22:19,750 --> 00:22:17,760

worked the tga resolved professor

542

00:22:23,510 --> 00:22:19,760

harvey's complaint about the product

543

00:22:27,190 --> 00:22:23,520

by sending quote educational material

544

00:22:30,149 --> 00:22:27,200

in quote to the manufacturer who the tga

545

00:22:32,149 --> 00:22:30,159

said then made quote substantial changes

546

00:22:34,950 --> 00:22:32,159

and quote to its advertising

547

00:22:36,870 --> 00:22:34,960

a spokeswoman for choice said it was

548

00:22:37,750 --> 00:22:36,880

considering whether to nominate a new

549

00:22:41,350 --> 00:22:37,760

representative

550

00:22:43,029 --> 00:22:41,360

or resign altogether we take dr harvey's

551
00:22:45,669 --> 00:22:43,039
concerns very seriously

552
00:22:48,549 --> 00:22:45,679
she said the tga rejected any

553
00:22:51,750 --> 00:22:48,559
suggestions that dr harvey's resignation

554
00:22:52,950 --> 00:22:51,760
was a sign its regulation was failing it

555
00:22:54,470 --> 00:22:52,960
pointed to

556
00:22:56,310 --> 00:22:54,480
hundred and sixteen thousand three

557
00:22:59,909 --> 00:22:56,320
hundred and twenty dollars in fines

558
00:23:03,110 --> 00:22:59,919
handed out over dodgy covet 19

559
00:23:05,190 --> 00:23:03,120
ads the tga is committed to

560
00:23:07,190 --> 00:23:05,200
protecting consumers through the

561
00:23:09,029 --> 00:23:07,200
regulation of its advertising for health

562
00:23:10,470 --> 00:23:09,039
products and there is a large amount of

563
00:23:13,430 --> 00:23:10,480

information to demonstrate

564

00:23:15,510 --> 00:23:13,440

that it is achieving its objective the

565

00:23:18,310 --> 00:23:15,520

spokesman said

566

00:23:19,029 --> 00:23:18,320

but many products remain for sale

567

00:23:23,029 --> 00:23:19,039

despite

568

00:23:26,950 --> 00:23:23,039

upheld complaint dr harvey said

569

00:23:29,990 --> 00:23:26,960

one such case is the pain eraser

570

00:23:33,430 --> 00:23:30,000

which claims to kill pain with tiny

571

00:23:36,789 --> 00:23:33,440

electric pulses the product won a choice

572

00:23:38,230 --> 00:23:36,799

shonky award for duvious pain relief

573

00:23:40,230 --> 00:23:38,240

claims

574

00:23:41,750 --> 00:23:40,240

the report goes on to say in australia

575

00:23:43,909 --> 00:23:41,760

complementary medicines

576

00:23:45,029 --> 00:23:43,919

which include chinese herbs and

577

00:23:48,630 --> 00:23:45,039

probiotics

578

00:23:49,430 --> 00:23:48,640

are regulated by the tga but the tga

579

00:23:51,909 --> 00:23:49,440

does not

580

00:23:53,350 --> 00:23:51,919

test or review the evidence behind a

581

00:23:55,590 --> 00:23:53,360

product's claims

582

00:23:56,870 --> 00:23:55,600

which can allow dodgy products to the

583

00:23:59,750 --> 00:23:56,880

market

584

00:24:01,590 --> 00:23:59,760

and this is what we've found over many

585

00:24:03,590 --> 00:24:01,600

many many years

586

00:24:05,990 --> 00:24:03,600

especially if you walk into a pharmacy

587

00:24:08,070 --> 00:24:06,000

you can find shelves full of products

588

00:24:11,190 --> 00:24:08,080

that simply

589

00:24:12,630 --> 00:24:11,200

probably don't work and the giveaway

590

00:24:13,430 --> 00:24:12,640

next time you're in a camera shop here

591

00:24:17,029 --> 00:24:13,440

in australia

592

00:24:20,070 --> 00:24:17,039

a pharmacy shop have a look at the

593

00:24:23,510 --> 00:24:20,080

labeling on what's being sold if it says

594

00:24:26,070 --> 00:24:23,520

if there's a number beginning with a ust

595

00:24:28,149 --> 00:24:26,080

with the letter r after it that means

596

00:24:32,310 --> 00:24:28,159

it's been registered it's been

597

00:24:36,549 --> 00:24:32,320

proven to work if it has an l so a ustl

598

00:24:40,390 --> 00:24:36,559

aust l and a number it means it's listed

599

00:24:43,750 --> 00:24:40,400

and it might work

600

00:24:45,350 --> 00:24:43,760

it might not work the regulation is

601
00:24:47,669 --> 00:24:45,360
pretty watery

602
00:24:49,190 --> 00:24:47,679
and now published on the 15th of

603
00:24:51,909 --> 00:24:49,200
november

604
00:24:55,510 --> 00:24:51,919
from ken harvey himself review of the

605
00:24:57,269 --> 00:24:55,520
therapeutic goods advertising framework

606
00:24:59,269 --> 00:24:57,279
and i'll link to this in the show notes

607
00:25:01,350 --> 00:24:59,279
but the conclusion is

608
00:25:03,350 --> 00:25:01,360
as the choice representative on the

609
00:25:05,990 --> 00:25:03,360
former complaints resolution panel and

610
00:25:08,390 --> 00:25:06,000
the therapeutics advertising code

611
00:25:10,470 --> 00:25:08,400
council and more recently the

612
00:25:15,909 --> 00:25:10,480
therapeutics goods advertising

613
00:25:20,630 --> 00:25:18,310

i had tried to encourage the tga to

614

00:25:23,750 --> 00:25:20,640

focus more on consumer protection

615

00:25:26,950 --> 00:25:23,760

and less on industry assistance

616

00:25:27,430 --> 00:25:26,960

however like others i have concluded

617

00:25:29,750 --> 00:25:27,440

that

618

00:25:31,510 --> 00:25:29,760

given its current leadership the tga

619

00:25:33,350 --> 00:25:31,520

will not change

620

00:25:35,870 --> 00:25:33,360

i have now resigned as the choice

621

00:25:38,310 --> 00:25:35,880

representative of the

622

00:25:40,710 --> 00:25:38,320

tgacc

623

00:25:42,470 --> 00:25:40,720

now having seen dr ken harvey on the

624

00:25:45,830 --> 00:25:42,480

recent medical panel at the

625

00:25:47,990 --> 00:25:45,840

skepticon earlier this month

626
00:25:49,430 --> 00:25:48,000
on the gold coast or broadcast from the

627
00:25:52,630 --> 00:25:49,440
gold coast

628
00:25:54,710 --> 00:25:52,640
it's easy to see his frustration

629
00:25:56,230 --> 00:25:54,720
and as i say for many years and you can

630
00:25:57,830 --> 00:25:56,240
see this in the pages of the skeptic

631
00:25:59,669 --> 00:25:57,840
magazine over the years

632
00:26:01,110 --> 00:25:59,679
there are aspects of the administration

633
00:26:03,190 --> 00:26:01,120
the therapeutic goods administration

634
00:26:04,950 --> 00:26:03,200
which leave a lot to be desired

635
00:26:07,269 --> 00:26:04,960
again the fact that you can walk into

636
00:26:09,269 --> 00:26:07,279
any pharmacy here in australia

637
00:26:11,840 --> 00:26:09,279
and see the shelves full of utter

638
00:26:11,840 --> 00:26:11,850

nonsense

639

00:26:11,850 --> 00:26:27,590

[Music]

640

00:26:31,190 --> 00:26:29,990

hi this is rob palmer i write the

641

00:26:34,230 --> 00:26:31,200

well-known skeptic

642

00:26:35,590 --> 00:26:34,240

column in skeptical inquirer online and

643

00:26:37,669 --> 00:26:35,600

i'm a team member of the guerrilla

644

00:26:40,870 --> 00:26:37,679

skeptics and wikipedia project

645

00:26:42,470 --> 00:26:40,880

gsow but you find folks may know me

646

00:26:43,590 --> 00:26:42,480

because i contributed segments for

647

00:26:46,470 --> 00:26:43,600

several episodes

648

00:26:48,149 --> 00:26:46,480

of this podcast check out my interviews

649

00:26:51,430 --> 00:26:48,159

from cycon 2019

650

00:26:53,830 --> 00:26:51,440

starting with episode 576

651
00:26:55,590 --> 00:26:53,840
so here's a little known fact all of my

652
00:26:57,750 --> 00:26:55,600
skeptical activism stems from

653
00:27:01,190 --> 00:26:57,760
discovering the skeptic zone

654
00:27:03,510 --> 00:27:01,200
yep i first heard of the gsow project

655
00:27:05,029 --> 00:27:03,520
right here back in 2012 due to richard's

656
00:27:06,710 --> 00:27:05,039
selfless support of it

657
00:27:09,269 --> 00:27:06,720
other skeptical activities around the

658
00:27:11,110 --> 00:27:09,279
world i can honestly say

659
00:27:13,350 --> 00:27:11,120
i'd likely still be a skeptical couch

660
00:27:15,029 --> 00:27:13,360
potato if i hadn't discovered this

661
00:27:17,190 --> 00:27:15,039
podcast

662
00:27:19,350 --> 00:27:17,200
so besides giving back to the zone by

663
00:27:21,110 --> 00:27:19,360

contributing occasional segments

664

00:27:23,669 --> 00:27:21,120

i contribute to the success of the show

665

00:27:25,750 --> 00:27:23,679

with ongoing monthly micropayments

666

00:27:26,789 --> 00:27:25,760

and i'm asking you to consider doing the

667

00:27:28,789 --> 00:27:26,799

same

668

00:27:29,990 --> 00:27:28,799

you can do that by following the patreon

669

00:27:33,350 --> 00:27:30,000

or paypal links

670

00:27:34,549 --> 00:27:33,360

at skepticzone.tv every donation

671

00:27:48,010 --> 00:27:34,559

supports the show

672

00:28:01,269 --> 00:27:48,020

and richard will really appreciate it

673

00:28:03,590 --> 00:28:01,279

[Music]

674

00:28:05,590 --> 00:28:03,600

now it's time to look at the latest

675

00:28:08,190 --> 00:28:05,600

issue of the newsletter from australian

676

00:28:12,389 --> 00:28:08,200

skeptics newsletter 111

677

00:28:16,230 --> 00:28:12,399

111 compiled by tim mendom

678

00:28:19,350 --> 00:28:16,240

and it says hi all last issue we ask

679

00:28:20,389 --> 00:28:19,360

which particular form of psychic animal

680

00:28:23,350 --> 00:28:20,399

would get the us

681

00:28:25,190 --> 00:28:23,360

presidential election right well

682

00:28:25,669 --> 00:28:25,200

obviously there's still some grumbling

683

00:28:29,269 --> 00:28:25,679

in the

684

00:28:32,630 --> 00:28:29,279

pet psychic circles so far muscles

685

00:28:34,950 --> 00:28:32,640

the mystic crocodile looks good

686

00:28:35,770 --> 00:28:34,960

chris chris the squirrel has probably

687

00:28:37,029 --> 00:28:35,780

lost his nuts

688

00:28:40,149 --> 00:28:37,039

[Music]

689

00:28:41,350 --> 00:28:40,159

okay it's the silly season soon so we're

690

00:28:44,230 --> 00:28:41,360

getting ready

691

00:28:46,230 --> 00:28:44,240

meanwhile there's always chiropractors

692

00:28:48,870 --> 00:28:46,240

to darken up your day

693

00:28:51,430 --> 00:28:48,880

read on and the first item says

694

00:28:53,990 --> 00:28:51,440

skepticon presentations available

695

00:28:55,750 --> 00:28:54,000

skepticon 2020 was a great success with

696

00:28:57,029 --> 00:28:55,760

an extremely high standard of

697

00:28:58,710 --> 00:28:57,039

presentations

698

00:29:01,510 --> 00:28:58,720

congratulations to the gold coast

699

00:29:03,110 --> 00:29:01,520

skeptics for doing a sterling job

700

00:29:04,710 --> 00:29:03,120

and if you've missed it you can still

701

00:29:05,909 --> 00:29:04,720

buy tickets and see all the

702

00:29:09,029 --> 00:29:05,919

presentations

703

00:29:11,430 --> 00:29:09,039

at your own speed they will be available

704

00:29:13,909 --> 00:29:11,440

online for another year

705

00:29:14,950 --> 00:29:13,919

and of course that's skepticon.org dot a

706

00:29:18,070 --> 00:29:14,960

u

707

00:29:21,669 --> 00:29:18,080

roasts

708

00:29:24,710 --> 00:29:21,679

pete evans over new covert 19 comments

709

00:29:25,590 --> 00:29:24,720

melbourne doctor virum sharma who won

710

00:29:27,830 --> 00:29:25,600

the skeptics

711

00:29:30,230 --> 00:29:27,840

thornette award for the promotion of

712

00:29:32,630 --> 00:29:30,240

reason has lashed out at celebrity chef

713

00:29:33,269 --> 00:29:32,640

and coronavirus conspiracy theorist pete

714

00:29:35,990 --> 00:29:33,279

evans

715

00:29:38,870 --> 00:29:36,000

over his latest comments it came after

716

00:29:42,070 --> 00:29:38,880

evans suggested the virus didn't exist

717

00:29:44,310 --> 00:29:42,080

and you can't transmit it sharma

718

00:29:47,110 --> 00:29:44,320

described evans as a

719

00:29:49,190 --> 00:29:47,120

effing idiot that's what it says here or

720

00:29:51,590 --> 00:29:49,200

words to that effect

721

00:29:53,830 --> 00:29:51,600

here we have another story bizarre

722

00:29:55,510 --> 00:29:53,840

publishing ring that linked 5g to

723

00:29:57,990 --> 00:29:55,520

coronavirus

724

00:30:00,470 --> 00:29:58,000

from black holes at the earth's center

725

00:30:02,870 --> 00:30:00,480

to decapitated quails

726

00:30:04,870 --> 00:30:02,880

an international group of scientists

727

00:30:05,990 --> 00:30:04,880

some working for a journal from a major

728

00:30:07,830 --> 00:30:06,000

publisher

729

00:30:09,350 --> 00:30:07,840

are prolifically publishing

730

00:30:11,430 --> 00:30:09,360

pseudoscience

731

00:30:12,389 --> 00:30:11,440

the scientists some seemingly well

732

00:30:14,710 --> 00:30:12,399

credentialed

733

00:30:16,389 --> 00:30:14,720

have been publishing in obscure

734

00:30:19,110 --> 00:30:16,399

scientific journals

735

00:30:19,750 --> 00:30:19,120

accruing hundreds of co-authorships over

736

00:30:22,389 --> 00:30:19,760

the past

737

00:30:23,590 --> 00:30:22,399

several years the only problem most of

738

00:30:26,870 --> 00:30:23,600

the studies they publish

739

00:30:30,230 --> 00:30:26,880

don't make any sense can

740

00:30:31,510 --> 00:30:30,240

neck manipulation cause a stroke article

741

00:30:33,669 --> 00:30:31,520

on signs that a patient

742

00:30:35,350 --> 00:30:33,679

might have been damaged in chiropractic

743

00:30:38,789 --> 00:30:35,360

manipulation

744

00:30:42,470 --> 00:30:38,799

useful checklist to have in an emergency

745

00:30:45,190 --> 00:30:42,480

note that it is from a law firm

746

00:30:47,110 --> 00:30:45,200

so they do have an interest in taking

747

00:30:49,669 --> 00:30:47,120

legal action

748

00:30:51,269 --> 00:30:49,679

and don't forget all these uh little

749

00:30:54,310 --> 00:30:51,279

snippets are accompanied by

750

00:30:55,029 --> 00:30:54,320

links you can press in your newsletter

751
00:30:56,789 --> 00:30:55,039
when you

752
00:30:58,070 --> 00:30:56,799
collect that in your email to see the

753
00:31:01,669 --> 00:30:58,080
full story

754
00:31:03,110 --> 00:31:01,679
informed consent duty of disclosure and

755
00:31:04,870 --> 00:31:03,120
chiropractic

756
00:31:06,789 --> 00:31:04,880
a paper from murdoch university

757
00:31:10,389 --> 00:31:06,799
researchers that looks at

758
00:31:12,470 --> 00:31:10,399
the emergence of unsubstantiated claims

759
00:31:13,590 --> 00:31:12,480
by vertebral subluxation based

760
00:31:15,909 --> 00:31:13,600
chiropractors

761
00:31:18,230 --> 00:31:15,919
that spinal manipulation therapy has a

762
00:31:23,029 --> 00:31:18,240
role to play in prevention

763
00:31:26,310 --> 00:31:23,039

by enhancing the body's immune function

764

00:31:29,350 --> 00:31:26,320

these claims are quote unprofessional

765

00:31:32,870 --> 00:31:29,360

and demonstrate a disturbing lack

766

00:31:36,870 --> 00:31:32,880

of insight into the doctrine of informed

767

00:31:38,149 --> 00:31:36,880

consent as such it is timely to review

768

00:31:41,269 --> 00:31:38,159

how informed

769

00:31:42,070 --> 00:31:41,279

consent has evolved and continues to do

770

00:31:47,430 --> 00:31:42,080

so

771

00:31:50,630 --> 00:31:47,440

implications for complementary health

772

00:31:53,669 --> 00:31:50,640

practitioner practice end quote covert

773

00:31:56,389 --> 00:31:53,679

19 misinformation on social media

774

00:31:57,509 --> 00:31:56,399

first draft has released research that

775

00:32:00,470 --> 00:31:57,519

identified

776
00:32:02,470 --> 00:32:00,480
quote dominant vaccine narratives on

777
00:32:04,710 --> 00:32:02,480
social media platforms in english

778
00:32:05,830 --> 00:32:04,720
french and spanish online communities

779
00:32:08,070 --> 00:32:05,840
end quote

780
00:32:09,909 --> 00:32:08,080
which could erode public trust in a

781
00:32:12,950 --> 00:32:09,919
covert 19 vaccine

782
00:32:15,590 --> 00:32:12,960
and vaccines more generally

783
00:32:16,630 --> 00:32:15,600
documentary on the effectiveness and

784
00:32:20,149 --> 00:32:16,640
that's in quotes

785
00:32:23,990 --> 00:32:20,159
of conversion therapy for the record

786
00:32:26,549 --> 00:32:24,000
a new documentary titled quote censored

787
00:32:27,509 --> 00:32:26,559
and quote has come out promoting

788
00:32:30,710 --> 00:32:27,519

so-called

789

00:32:33,190 --> 00:32:30,720

gay conversion therapy

790

00:32:34,789 --> 00:32:33,200

conversion therapy is promoted by

791

00:32:37,750 --> 00:32:34,799

religious conservatives

792

00:32:40,029 --> 00:32:37,760

in an attempt to prove that their god

793

00:32:42,470 --> 00:32:40,039

did not create

794

00:32:45,269 --> 00:32:42,480

lgbtq people

795

00:32:46,149 --> 00:32:45,279

it is then used to assert that sexual

796

00:32:49,350 --> 00:32:46,159

orientation

797

00:32:50,950 --> 00:32:49,360

is a choice and as a choice it is not

798

00:32:54,230 --> 00:32:50,960

deserving of protection

799

00:32:57,110 --> 00:32:54,240

through non-discrimination laws

800

00:32:57,430 --> 00:32:57,120

this article pulls no punches on tearing

801
00:33:00,710 --> 00:32:57,440
it

802
00:33:03,909 --> 00:33:02,870
the december 2020 issue of the skeptic

803
00:33:05,990 --> 00:33:03,919
magazine

804
00:33:07,750 --> 00:33:06,000
will still be hitting the streets it

805
00:33:11,269 --> 00:33:07,760
includes a major feature on

806
00:33:11,750 --> 00:33:11,279
when good scientists go bad and even

807
00:33:14,470 --> 00:33:11,760
some

808
00:33:15,590 --> 00:33:14,480
bad scientists who go even better plus

809
00:33:18,470 --> 00:33:15,600
the usual panopy

810
00:33:20,389 --> 00:33:18,480
of interesting and weird the worrisome

811
00:33:22,070 --> 00:33:20,399
and the fun

812
00:33:26,230 --> 00:33:22,080
and of course you can subscribe to the

813
00:33:29,830 --> 00:33:27,669

and once you're there you can also

814

00:33:33,509 --> 00:33:29,840

contact tim via email

815

00:33:36,389 --> 00:33:33,519

with any stories you might put his way

816

00:33:38,950 --> 00:33:36,399

any suggestions for stories

817

00:33:41,350 --> 00:33:38,960

and lastly we have events coming up

818

00:33:42,549 --> 00:33:41,360

including on the 3rd of december sydney

819

00:33:44,630 --> 00:33:42,559

skeptics in the pub

820

00:33:45,909 --> 00:33:44,640

with mandy lenoble one of the reporters

821

00:33:48,950 --> 00:33:45,919

here on the skeptic zone

822

00:33:51,350 --> 00:33:48,960

and skeptic of the year and on december

823

00:33:52,549 --> 00:33:51,360

the 21st it's associate professor paul

824

00:33:55,990 --> 00:33:52,559

willis

825

00:33:56,870 --> 00:33:56,000

vic skeptics cafe recent highlights of

826

00:33:59,430 --> 00:33:56,880

australian

827

00:34:01,590 --> 00:33:59,440

paleontology and right at the end

828

00:34:04,789 --> 00:34:01,600

something to round off the newsletter

829

00:34:06,470 --> 00:34:04,799

items of interest largest online seance

830

00:34:08,389 --> 00:34:06,480

sets world record

831

00:34:10,710 --> 00:34:08,399

a guinness world record for the world's

832

00:34:13,750 --> 00:34:10,720

largest online seance

833

00:34:16,869 --> 00:34:13,760

by which they mean the most people

834

00:34:18,710 --> 00:34:16,879

not actually a large seance has been set

835

00:34:22,310 --> 00:34:18,720

at one of the historic

836

00:34:25,909 --> 00:34:22,320

properties in warwick united kingdom

837

00:34:28,230 --> 00:34:25,919

uk haunted and a wiccan witch

838

00:34:29,430 --> 00:34:28,240

used a fifth century site owned by the

839

00:34:32,550 --> 00:34:29,440

freemasons

840

00:34:35,109 --> 00:34:32,560

for the setting for tv channel really's

841

00:34:36,629 --> 00:34:35,119

guinness world record attempt the team

842

00:34:39,669 --> 00:34:36,639

at really

843

00:34:42,710 --> 00:34:39,679

said the seance topped more than

844

00:34:44,950 --> 00:34:42,720

9 000 live viewers smashing

845

00:34:45,750 --> 00:34:44,960

the viewing figures needed to enter the

846

00:34:49,030 --> 00:34:45,760

record

847

00:34:51,430 --> 00:34:49,040

by over five times the channel says it

848

00:34:52,550 --> 00:34:51,440

now holds the guinness world record

849

00:34:55,909 --> 00:34:52,560

title

850

00:34:57,349 --> 00:34:55,919

for quote most viewers for a seance live

851

00:35:01,030 --> 00:34:57,359

stream on facebook

852

00:35:04,230 --> 00:35:01,040

end quote a record that you were

853

00:35:07,670 --> 00:35:04,240

no doubt waiting with baited breath

854

00:35:10,710 --> 00:35:07,680

to see broken next week the most

855

00:35:12,390 --> 00:35:10,720

odd box named bob gathered in a small

856

00:35:16,790 --> 00:35:12,400

field in upper volta

857

00:35:18,150 --> 00:35:16,800

on a monday afternoon

858

00:35:19,829 --> 00:35:18,160

and that's just some of the highlights

859

00:35:21,349 --> 00:35:19,839

from the latest issue of the australian

860

00:35:24,710 --> 00:35:21,359

skeptics newsletter

861

00:35:26,630 --> 00:35:24,720

newsletter number 111 and you can have

862

00:35:29,030 --> 00:35:26,640

that delivered into your inbox

863

00:35:34,180 --> 00:35:29,040

every other week by subscribing at

864

00:35:34,190 --> 00:35:45,109

[Music]

865

00:35:48,790 --> 00:35:47,430

hey fellow skeptics ben radford here

866

00:35:50,230 --> 00:35:48,800

with celestia ward

867

00:35:52,630 --> 00:35:50,240

your friendly host of squaring the

868

00:35:53,910 --> 00:35:52,640

strange a podcast that looks at topics

869

00:35:56,390 --> 00:35:53,920

ranging from legends

870

00:35:57,670 --> 00:35:56,400

panics and cryptids to media myths

871

00:35:59,510 --> 00:35:57,680

psychology and folklore

872

00:36:01,430 --> 00:35:59,520

breaking things down and picking things

873

00:36:03,349 --> 00:36:01,440

apart as we skeptics do

874

00:36:05,829 --> 00:36:03,359

we bring a few different perspectives on

875

00:36:06,630 --> 00:36:05,839

things celestia for example is a witty

876
00:36:08,390 --> 00:36:06,640
cartoonist

877
00:36:10,069 --> 00:36:08,400
and ben is a brilliant writer and long

878
00:36:11,990 --> 00:36:10,079
time skeptical investigator

879
00:36:14,069 --> 00:36:12,000
we don't always agree but we have fun

880
00:36:16,550 --> 00:36:14,079
trying and we learn new things

881
00:36:18,630 --> 00:36:16,560
join us for new topics every week or two

882
00:36:19,510 --> 00:36:18,640
or browse our backlog of evergreen

883
00:36:22,470 --> 00:36:19,520
episodes

884
00:36:23,589 --> 00:36:22,480
available on itunes and all your podcast

885
00:36:30,670 --> 00:36:23,599
feeding troughs

886
00:36:30,680 --> 00:36:38,829
[Music]

887
00:36:44,150 --> 00:36:40,770
bye-bye

888
00:36:47,430 --> 00:36:45,829

now let's dive once more into the

889

00:36:51,829 --> 00:36:47,440

treasure trove of information

890

00:36:54,069 --> 00:36:51,839

that's trove trove.nla.gov.au an online

891

00:36:54,950 --> 00:36:54,079

resource of magazines newspapers and so

892

00:36:58,550 --> 00:36:54,960

on

893

00:37:01,270 --> 00:36:58,560

from australian history searchable

894

00:37:03,430 --> 00:37:01,280

now following on from the last adventure

895

00:37:06,310 --> 00:37:03,440

we took into the pages of

896

00:37:08,470 --> 00:37:06,320

all these magazines and news items we

897

00:37:10,790 --> 00:37:08,480

have one more here i didn't get to about

898

00:37:13,510 --> 00:37:10,800

the australian skeptics which

899

00:37:14,310 --> 00:37:13,520

features or talks about our very own tim

900

00:37:17,990 --> 00:37:14,320

mendum

901
00:37:20,470 --> 00:37:18,000
but this is from 1988. the tribune

902
00:37:22,230 --> 00:37:20,480
or tribune newspaper or magazine i'm not

903
00:37:26,550 --> 00:37:22,240
sure exactly what that was

904
00:37:31,300 --> 00:37:26,560
it says here from 1939 to 1991

905
00:37:38,069 --> 00:37:34,630
[Music]

906
00:37:39,109 --> 00:37:38,079
in the magazine section it says skeptics

907
00:37:46,150 --> 00:37:39,119
challenge

908
00:37:49,990 --> 00:37:48,710
if you're tired of the constant stream

909
00:37:51,990 --> 00:37:50,000
of charlatans who grab

910
00:37:54,630 --> 00:37:52,000
public attention with claims of psychic

911
00:37:56,710 --> 00:37:54,640
powers clairvoyance or some special

912
00:37:59,109 --> 00:37:56,720
relationship with the supreme

913
00:38:00,630 --> 00:37:59,119

being you'll be pleased to hear of the

914

00:38:02,390 --> 00:38:00,640

australian skeptics

915

00:38:04,790 --> 00:38:02,400

in fact you may have already heard of

916

00:38:07,990 --> 00:38:04,800

the skeptics having a go

917

00:38:11,109 --> 00:38:08,000

at astrology water divining the 100th

918

00:38:11,670 --> 00:38:11,119

monkey ufos some brands of alternative

919

00:38:13,589 --> 00:38:11,680

medicine

920

00:38:16,069 --> 00:38:13,599

or many of the weird and wonderful

921

00:38:18,550 --> 00:38:16,079

claims made by religious groups

922

00:38:20,470 --> 00:38:18,560

for an organization that started in 1980

923

00:38:21,589 --> 00:38:20,480

by people like philip adams and dick

924

00:38:23,310 --> 00:38:21,599

smith

925

00:38:25,030 --> 00:38:23,320

lighthearted ridicule of the

926

00:38:28,870 --> 00:38:25,040

pseudoscientific

927

00:38:31,030 --> 00:38:28,880

might be expected but says the skeptic's

928

00:38:34,310 --> 00:38:31,040

national secretary tim mendenham

929

00:38:35,990 --> 00:38:34,320

we have a very serious side the skeptics

930

00:38:38,150 --> 00:38:36,000

do not automatically dismiss

931

00:38:39,510 --> 00:38:38,160

ideas which challenge the prevailing

932

00:38:42,310 --> 00:38:39,520

scientific view

933

00:38:43,030 --> 00:38:42,320

of how the world works mendem told the

934

00:38:46,150 --> 00:38:43,040

tribune

935

00:38:48,390 --> 00:38:46,160

that they seek out concrete claims

936

00:38:49,990 --> 00:38:48,400

which can be subjected to real

937

00:38:52,630 --> 00:38:50,000

scientific testing

938

00:38:53,109 --> 00:38:52,640

for instance the skeptics prefer to

939

00:38:55,670 --> 00:38:53,119

study

940

00:38:57,190 --> 00:38:55,680

actual claims of religious groups like

941

00:39:00,069 --> 00:38:57,200

the shroud of turin

942

00:39:00,710 --> 00:39:00,079

or weeping statues rather than engage in

943

00:39:03,910 --> 00:39:00,720

abstract

944

00:39:07,190 --> 00:39:03,920

philosophical argument about whether

945

00:39:11,109 --> 00:39:07,200

there is or isn't a god although they

946

00:39:13,349 --> 00:39:11,119

do remain well skeptical

947

00:39:15,670 --> 00:39:13,359

tim menden believes the very dominance

948

00:39:18,829 --> 00:39:15,680

of science and technology in our lives

949

00:39:20,310 --> 00:39:18,839

has led to a renewed interest in the

950

00:39:22,230 --> 00:39:20,320

pseudoscientific

951
00:39:24,630 --> 00:39:22,240
the skeptics represent no particular

952
00:39:27,430 --> 00:39:24,640
brand of political philosophy

953
00:39:27,990 --> 00:39:27,440
but an inclination to question has

954
00:39:30,910 --> 00:39:28,000
always been

955
00:39:32,069 --> 00:39:30,920
associated with progressive thought

956
00:39:34,790 --> 00:39:32,079
skepticism

957
00:39:36,710 --> 00:39:34,800
should not be equated with cynicism or

958
00:39:37,990 --> 00:39:36,720
an arrogant dismissal of anything which

959
00:39:41,190 --> 00:39:38,000
does not conform to

960
00:39:43,030 --> 00:39:41,200
conventional wisdom science itself only

961
00:39:43,670 --> 00:39:43,040
moves forward because it continually

962
00:39:46,710 --> 00:39:43,680
seeks

963
00:39:49,829 --> 00:39:46,720

out weaknesses in established

964

00:39:52,630 --> 00:39:49,839

fact and because ultimately

965

00:39:53,910 --> 00:39:52,640

it submits itself to objective testing

966

00:39:56,950 --> 00:39:53,920

in which others seek to

967

00:39:59,349 --> 00:39:56,960

reproduce its results while there are

968

00:40:01,190 --> 00:39:59,359

established procedures for doing this in

969

00:40:03,670 --> 00:40:01,200

the scientific world

970

00:40:04,349 --> 00:40:03,680

there is very little independent testing

971

00:40:06,870 --> 00:40:04,359

of the

972

00:40:08,870 --> 00:40:06,880

pseudoscientific world the skeptics try

973

00:40:12,230 --> 00:40:08,880

to fill the gap

974

00:40:14,390 --> 00:40:12,240

gut feelings in the case of alternative

975

00:40:16,790 --> 00:40:14,400

medicine the skeptics readily admit that

976
00:40:18,710 --> 00:40:16,800
traditional medicine has sometimes

977
00:40:20,230 --> 00:40:18,720
gleaned valuable knowledge from the

978
00:40:23,030 --> 00:40:20,240
non-traditional

979
00:40:25,430 --> 00:40:23,040
chiropractic acupuncture and work on

980
00:40:27,910 --> 00:40:25,440
dietary cures for some health problems

981
00:40:32,309 --> 00:40:27,920
are examples

982
00:40:34,150 --> 00:40:32,319
really some doctors now study these

983
00:40:36,870 --> 00:40:34,160
fields to supplement their traditional

984
00:40:38,790 --> 00:40:36,880
training nevertheless the skeptics

985
00:40:40,710 --> 00:40:38,800
suspect some types of alternative

986
00:40:43,510 --> 00:40:40,720
medicine because

987
00:40:44,710 --> 00:40:43,520
they rarely if ever publish statistical

988
00:40:46,390 --> 00:40:44,720

data

989

00:40:48,870 --> 00:40:46,400

they appeal to the patient's gut

990

00:40:51,270 --> 00:40:48,880

feelings says mendem

991

00:40:52,470 --> 00:40:51,280

given many people's experiences of

992

00:40:56,390 --> 00:40:52,480

traditional medicine

993

00:40:58,790 --> 00:40:56,400

as cold and distant from human feelings

994

00:41:01,430 --> 00:40:58,800

it's not surprising that some shonky

995

00:41:03,190 --> 00:41:01,440

healers do a roaring trade

996

00:41:04,790 --> 00:41:03,200

now just a quick aside for those people

997

00:41:07,510 --> 00:41:04,800

listening internationally

998

00:41:07,910 --> 00:41:07,520

and i've come across this before uh the

999

00:41:10,390 --> 00:41:07,920

word

1000

00:41:11,750 --> 00:41:10,400

shonky sometimes does not translate into

1001

00:41:15,270 --> 00:41:11,760

other cultures around the world

1002

00:41:17,510 --> 00:41:15,280

shonky means dodgy

1003

00:41:18,870 --> 00:41:17,520

not on the up and up um it could be a

1004

00:41:21,190 --> 00:41:18,880

bit of a con doesn't work

1005

00:41:23,349 --> 00:41:21,200

properly faulty that sort of thing

1006

00:41:26,470 --> 00:41:23,359

usually they diagnose an

1007

00:41:27,750 --> 00:41:26,480

inner malady the liver is a good one as

1008

00:41:30,309 --> 00:41:27,760

it's complex and

1009

00:41:31,910 --> 00:41:30,319

subtle functions make it difficult to

1010

00:41:35,270 --> 00:41:31,920

check with great certainty

1011

00:41:37,990 --> 00:41:35,280

or perhaps some general bodily malaise

1012

00:41:38,550 --> 00:41:38,000

equally good as it is impossible to pin

1013

00:41:42,069 --> 00:41:38,560

down to

1014

00:41:44,790 --> 00:41:42,079

specifics the cure tends to be harmless

1015

00:41:47,430 --> 00:41:44,800

maybe even beneficial if it works at all

1016

00:41:49,670 --> 00:41:47,440

it does so mainly as a placebo

1017

00:41:50,870 --> 00:41:49,680

a sugar-coated substitute for real

1018

00:41:53,190 --> 00:41:50,880

medication

1019

00:41:55,030 --> 00:41:53,200

a patient who has nothing wrong in the

1020

00:41:57,750 --> 00:41:55,040

strict physical sense yet

1021

00:41:58,710 --> 00:41:57,760

feels run down or depressed may be cured

1022

00:42:01,510 --> 00:41:58,720

in this way

1023

00:42:02,150 --> 00:42:01,520

if they really believe it in the same

1024

00:42:04,150 --> 00:42:02,160

way

1025

00:42:05,589 --> 00:42:04,160

not all pentecostals turn out to be like

1026

00:42:08,230 --> 00:42:05,599

jimmy swaggart

1027

00:42:10,230 --> 00:42:08,240

some are really born again and feel

1028

00:42:12,790 --> 00:42:10,240

genuinely invigorated

1029

00:42:14,630 --> 00:42:12,800

menden believes there's nothing very

1030

00:42:16,870 --> 00:42:14,640

wrong with this sort of thing

1031

00:42:19,349 --> 00:42:16,880

but you get extreme cases like the

1032

00:42:21,990 --> 00:42:19,359

jonestown massacre in guyana

1033

00:42:24,630 --> 00:42:22,000

jim jones staged various displays of

1034

00:42:27,589 --> 00:42:24,640

supernatural powers to get people in

1035

00:42:30,150 --> 00:42:27,599

or the case not so long ago of an

1036

00:42:30,710 --> 00:42:30,160

australian boy who had a cold his

1037

00:42:33,750 --> 00:42:30,720

parents

1038

00:42:34,870 --> 00:42:33,760

put him on a water diet for 60 days he

1039

00:42:37,109 --> 00:42:34,880

died

1040

00:42:39,589 --> 00:42:37,119

this points out perhaps the greatest and

1041

00:42:42,630 --> 00:42:39,599

oldest danger of the pseudoscientific

1042

00:42:44,790 --> 00:42:42,640

and outright superstitious

1043

00:42:45,990 --> 00:42:44,800

they blind people to the very problems

1044

00:42:49,270 --> 00:42:46,000

that require

1045

00:42:49,990 --> 00:42:49,280

very real human solutions in a world

1046

00:42:52,790 --> 00:42:50,000

faced with

1047

00:42:54,150 --> 00:42:52,800

nuclear extinction and planet-wide

1048

00:42:57,589 --> 00:42:54,160

population

1049

00:42:58,710 --> 00:42:57,599

it's comforting to believe that god ufos

1050

00:43:01,910 --> 00:42:58,720

or something else is

1051
00:43:04,630 --> 00:43:01,920
watching over us comforting but it does

1052
00:43:07,109 --> 00:43:04,640
nothing to solve the problems

1053
00:43:08,870 --> 00:43:07,119
probably the best advice mendem gives

1054
00:43:10,550 --> 00:43:08,880
about claims of the supernatural the

1055
00:43:12,790 --> 00:43:10,560
paranormal is to

1056
00:43:13,589 --> 00:43:12,800
treat them as you would the claims of

1057
00:43:16,870 --> 00:43:13,599
someone

1058
00:43:18,710 --> 00:43:16,880
who was trying to sell you a used car

1059
00:43:20,470 --> 00:43:18,720
of course traditional science is not

1060
00:43:22,470 --> 00:43:20,480
without its rogues

1061
00:43:23,750 --> 00:43:22,480
neither does it fall outside the scope

1062
00:43:26,470 --> 00:43:23,760
of politics

1063
00:43:28,790 --> 00:43:26,480

the fact that nuclear weapons can be

1064

00:43:32,470 --> 00:43:28,800

built does not mean that their use is

1065

00:43:34,630 --> 00:43:32,480

inevitable similarly the scientific

1066

00:43:37,030 --> 00:43:34,640

discoveries in the field of genetics do

1067

00:43:40,309 --> 00:43:37,040

not automatically prove that some

1068

00:43:42,150 --> 00:43:40,319

radical types are superior to others

1069

00:43:43,430 --> 00:43:42,160

these are matters for more moral and

1070

00:43:46,470 --> 00:43:43,440

political judgments

1071

00:43:47,589 --> 00:43:46,480

which cannot be made with slide rule or

1072

00:43:50,710 --> 00:43:47,599

calculator

1073

00:43:53,750 --> 00:43:50,720

perhaps having purchased our car

1074

00:43:55,930 --> 00:43:53,760

we should take care who drives it

1075

00:43:58,790 --> 00:43:55,940

and where

1076

00:44:01,030 --> 00:43:58,800

[Music]

1077

00:44:03,670 --> 00:44:01,040

and that was skeptics challenge the

1078

00:44:06,790 --> 00:44:03,680

pseudo scientific published in tribune

1079

00:44:09,589 --> 00:44:06,800

in sydney on the 4th of may 1988

1080

00:44:12,150 --> 00:44:09,599

and according to wikipedia oh this is

1081

00:44:14,950 --> 00:44:12,160

interesting tribune australian newspaper

1082

00:44:17,510 --> 00:44:14,960

tribune was the official newspaper of

1083

00:44:18,870 --> 00:44:17,520

the communist party of australia

1084

00:44:20,550 --> 00:44:18,880

it was published by the central

1085

00:44:24,550 --> 00:44:20,560

committee of the communist party

1086

00:44:27,670 --> 00:44:24,560

of australia from 1939 to 1991

1087

00:44:29,349 --> 00:44:27,680

initially it was subtitled as tribune

1088

00:44:32,790 --> 00:44:29,359

the people's paper

1089

00:44:34,390 --> 00:44:32,800

it was also published as the queensland

1090

00:44:37,270 --> 00:44:34,400

guardian guardian melbourne

1091

00:44:39,430 --> 00:44:37,280

forward in sydney it had previously been

1092

00:44:42,470 --> 00:44:39,440

published as the australian communist

1093

00:44:44,550 --> 00:44:42,480

from 1920 to 2021 the communist from

1094

00:44:46,910 --> 00:44:44,560

1921 to 1923

1095

00:44:48,390 --> 00:44:46,920

and the workers weekly from 1923 to

1096

00:44:51,109 --> 00:44:48,400

1939.

1097

00:44:52,390 --> 00:44:51,119

well there you go seems that uh

1098

00:44:53,790 --> 00:44:52,400

skepticism can pop

1099

00:44:57,990 --> 00:44:53,800

up just about anywhere

1100

00:45:01,430 --> 00:44:59,910

but once again for all your communist

1101

00:45:03,990 --> 00:45:01,440

history

1102

00:45:05,109 --> 00:45:04,000

in australia and lots of other things

1103

00:45:08,470 --> 00:45:05,119

beside that

1104

00:45:10,550 --> 00:45:08,480

visit trove trove.nla.gov you put in

1105

00:45:21,880 --> 00:45:10,560

your search

1106

00:45:21,890 --> 00:45:37,030

[Music]

1107

00:45:40,230 --> 00:45:38,550

thank you for listening to the skeptic

1108

00:45:41,990 --> 00:45:40,240

zone on next week's show i hope to bring

1109

00:45:45,990 --> 00:45:42,000

you an interview with

1110

00:45:49,270 --> 00:45:46,000

noted paranormal investigator and author

1111

00:45:50,550 --> 00:45:49,280

ben radford now ben has a new book

1112

00:45:53,910 --> 00:45:50,560

coming out

1113

00:45:55,910 --> 00:45:53,920

again come on ben give us a break

1114

00:45:57,589 --> 00:45:55,920

you put all of us to shame with all the

1115

00:45:59,510 --> 00:45:57,599

books you produce

1116

00:46:00,870 --> 00:45:59,520

we'll be hopefully chatting to ben about

1117

00:46:02,870 --> 00:46:00,880

his new book

1118

00:46:03,990 --> 00:46:02,880

also in the coming week i noticed that

1119

00:46:07,030 --> 00:46:04,000

the at

1120

00:46:08,069 --> 00:46:07,040

long last the australian museum here in

1121

00:46:11,109 --> 00:46:08,079

sydney

1122

00:46:12,390 --> 00:46:11,119

the uh cultural icon of science in

1123

00:46:16,069 --> 00:46:12,400

sydney

1124

00:46:18,069 --> 00:46:16,079

is reopening after after what 15 months

1125

00:46:18,790 --> 00:46:18,079

of renovation or something crazy like

1126

00:46:21,030 --> 00:46:18,800

that

1127

00:46:22,790 --> 00:46:21,040

and it's been a strange year for many

1128

00:46:23,990 --> 00:46:22,800

reasons one of the reasons for me

1129

00:46:27,030 --> 00:46:24,000

personally

1130

00:46:30,550 --> 00:46:27,040

is that every year for

1131

00:46:35,589 --> 00:46:30,560

well over a decade i and

1132

00:46:37,589 --> 00:46:35,599

maynard or dr rachie my friend ian bryce

1133

00:46:39,510 --> 00:46:37,599

and before that our friend linda would

1134

00:46:42,470 --> 00:46:39,520

perform at the australian museum

1135

00:46:44,630 --> 00:46:42,480

at science week for science week as the

1136

00:46:46,150 --> 00:46:44,640

mystery investigators troop where we do

1137

00:46:49,910 --> 00:46:46,160

live science shows for

1138

00:46:51,829 --> 00:46:49,920

the uh school kids who'd come in

1139

00:46:53,030 --> 00:46:51,839

based around claims of the paranormal

1140

00:46:54,950 --> 00:46:53,040

supernatural

1141

00:46:57,190 --> 00:46:54,960

fire walking bed of nails all that sort

1142

00:46:59,030 --> 00:46:57,200

of stuff in fact i've

1143

00:47:00,790 --> 00:46:59,040

reported on that on the skeptic zone

1144

00:47:02,790 --> 00:47:00,800

before

1145

00:47:04,710 --> 00:47:02,800

anyway no shows this year because of the

1146

00:47:06,390 --> 00:47:04,720

pandemic and because of the renovations

1147

00:47:09,510 --> 00:47:06,400

at the australian museum

1148

00:47:10,710 --> 00:47:09,520

so i've missed that very much very very

1149

00:47:14,870 --> 00:47:10,720

much

1150

00:47:17,510 --> 00:47:14,880

hopefully by science week next year

1151

00:47:19,990 --> 00:47:17,520

the mystery investigators will be back

1152

00:47:23,670 --> 00:47:20,000

better than ever

1153

00:47:26,309 --> 00:47:23,680

anyway later this week i will be uh

1154

00:47:28,309 --> 00:47:26,319

going to the museum to check out the new

1155

00:47:32,710 --> 00:47:28,319

renovations and if possible

1156

00:47:36,630 --> 00:47:32,720

i'll see if i can do a report on that

1157

00:47:38,309 --> 00:47:36,640

also on friday the 27th here in

1158

00:47:40,069 --> 00:47:38,319

sydney australia on the evening of

1159

00:47:43,030 --> 00:47:40,079

friday the 27th

1160

00:47:43,670 --> 00:47:43,040

you can use your time zone calculators

1161

00:47:45,190 --> 00:47:43,680

to

1162

00:47:47,270 --> 00:47:45,200

see what that means in your part of the

1163

00:47:50,230 --> 00:47:47,280

world uh maynard

1164

00:47:51,670 --> 00:47:50,240

will be doing another live quiz online

1165

00:47:54,069 --> 00:47:51,680

at facebook

1166

00:47:56,230 --> 00:47:54,079

if you want to join in that would be

1167

00:47:57,910 --> 00:47:56,240

great we can do live interactive chat

1168

00:48:00,630 --> 00:47:57,920

and you can answer the questions

1169

00:48:01,190 --> 00:48:00,640

and i'll be joining maynard for that uh

1170

00:48:03,829 --> 00:48:01,200

live

1171

00:48:05,109 --> 00:48:03,839

video quiz so that's friday night friday

1172

00:48:08,630 --> 00:48:05,119

evening here in

1173

00:48:11,109 --> 00:48:08,640

sydney australia check out maynard.com

1174

00:48:14,870 --> 00:48:11,119

dot a u for more details

1175

00:48:17,109 --> 00:48:14,880

and speaking about live quiz live trivia

1176

00:48:18,150 --> 00:48:17,119

i've been enjoying for many months now

1177

00:48:21,349 --> 00:48:18,160

the regular

1178

00:48:24,790 --> 00:48:21,359

for my time for my uh

1179

00:48:26,549 --> 00:48:24,800

place in the world it's friday friday's

1180

00:48:30,710 --> 00:48:26,559

now about 1 pm

1181

00:48:34,390 --> 00:48:30,720

uh susan gerbic's trivia quiz

1182

00:48:36,150 --> 00:48:34,400

via zoom and it's been just a

1183

00:48:38,230 --> 00:48:36,160

a wonderful thing to have during the

1184

00:48:39,990 --> 00:48:38,240

lockdown and these troubled times

1185

00:48:42,069 --> 00:48:40,000

to spend a couple of hours with friends

1186

00:48:43,109 --> 00:48:42,079

from all over the world to play trivia

1187

00:48:47,349 --> 00:48:43,119

with susan gerbic

1188

00:48:49,349 --> 00:48:47,359

thank you susan but for this week

1189

00:48:55,270 --> 00:48:49,359

this is richard saunders signing off

1190

00:48:58,470 --> 00:48:57,030

you've been listening to the skeptic

1191

00:49:01,670 --> 00:48:58,480

zone podcast

1192

00:49:05,270 --> 00:49:01,680

please visit our website at [www dot](http://www.skepticzone.com)

1193

00:49:07,190 --> 00:49:05,280

zone for show notes contacts

1194

00:49:10,870 --> 00:49:07,200

and to access the back catalog of

1195

00:49:12,790 --> 00:49:10,880

episodes going back to 2008.

1196

00:49:14,150 --> 00:49:12,800

you can follow the skeptic zone podcast

1197

00:49:17,190 --> 00:49:14,160

on twitter at

1198

00:49:20,710 --> 00:49:17,200

skepticzone visit our facebook page

1199

00:49:22,069 --> 00:49:20,720

or leave a review on itunes you can also

1200

00:49:25,349 --> 00:49:22,079

support the skeptic zone

1201
00:49:26,069 --> 00:49:25,359
via patreon or paypal the skeptic zone

1202
00:49:28,950 --> 00:49:26,079
podcast

1203
00:49:29,670 --> 00:49:28,960
is an independent production the views

1204
00:49:31,589 --> 00:49:29,680
and opinions

1205
00:49:34,069 --> 00:49:31,599
expressed on the skeptic zone are not

1206
00:49:51,829 --> 00:49:34,079
necessarily those of australian skeptics

1207
00:50:01,910 --> 00:49:54,230
hello to the afterthoughts i'm going to

1208
00:50:05,430 --> 00:50:03,349
because this is the relaxed part of the

1209
00:50:06,470 --> 00:50:05,440
show i don't care if the birds are

1210
00:50:09,270 --> 00:50:06,480
chirping outside

1211
00:50:09,670 --> 00:50:09,280
are they chirping oh yes there they go

1212
00:50:11,190 --> 00:50:09,680
so

1213
00:50:13,030 --> 00:50:11,200

this is for those people who don't know

1214

00:50:14,790 --> 00:50:13,040

this is if you keep listening to the

1215

00:50:15,990 --> 00:50:14,800

show after the music sometimes we play

1216

00:50:19,510 --> 00:50:16,000

the dice game

1217

00:50:21,589 --> 00:50:19,520

well i where i roll a die

1218

00:50:24,069 --> 00:50:21,599

in this case it's dice i've got two i've

1219

00:50:26,069 --> 00:50:24,079

got two d10s

1220

00:50:27,589 --> 00:50:26,079

all right bit different i'm gonna roll

1221

00:50:30,630 --> 00:50:27,599

them three times

1222

00:50:33,750 --> 00:50:30,640

and where's my here we go

1223

00:50:38,549 --> 00:50:33,760

just make sure i note all this down

1224

00:50:43,990 --> 00:50:41,910

dumb luck or whatever

1225

00:50:45,589 --> 00:50:44,000

you know you can always cheat you can

1226
00:50:46,470 --> 00:50:45,599
always listen to this and rewind it and

1227
00:50:48,870 --> 00:50:46,480
listen again and

1228
00:50:50,230 --> 00:50:48,880
get it right every time what numbers are

1229
00:50:53,589 --> 00:50:50,240
going to come up

1230
00:50:57,990 --> 00:50:53,599
so as there are two the numbers will be

1231
00:51:00,630 --> 00:50:58,000
from 1 to 100

1232
00:51:01,670 --> 00:51:00,640
this week so it could be 1 all the way

1233
00:51:09,430 --> 00:51:01,680
to 100

1234
00:51:15,109 --> 00:51:09,440
3 times here we go first number

1235
00:51:16,630 --> 00:51:15,119
is 68.

1236
00:51:18,309 --> 00:51:16,640
i think the bird outside the window got

1237
00:51:21,190 --> 00:51:18,319
that one right yeah

1238
00:51:22,790 --> 00:51:21,200

68 is the first number second number

1239

00:51:25,190 --> 00:51:22,800

have you got six

1240

00:51:27,349 --> 00:51:25,200

or eight well that's not too bad here we

1241

00:51:37,670 --> 00:51:27,359

go

1242

00:51:41,510 --> 00:51:37,680

the next one

1243

00:51:50,150 --> 00:51:46,069

it's not 55 i'm sorry susan it's 14.

1244

00:51:55,589 --> 00:51:50,160

so annoying numbers this week are 68

1245

00:51:58,470 --> 00:51:55,599

39 and 14 but just for susan

1246

00:52:02,829 --> 00:51:58,480

one more okay because there's no fives

1247

00:52:10,309 --> 00:52:05,510

susan