

Episode **593**

THE
**SKEPTIC
ZONE**
PODCAST

www.skepticzone.tv

23 February 2020

10 Things to look out for with
Medicine Advertisements

Logical Fallacies
with Michelle Bijkersma
"Appeal to Authority"

GSoW News
with Susan Gerbic

Maynard at Skepticon 2019
with
Trish Hann



The Skeptic Zone Podcast
Episode 593 - 23 February 2020



1
00:00:06,740 --> 00:00:03,309

[Music]

2
00:00:09,140 --> 00:00:06,750

hi this is susan gerbic from gso w

3
00:00:11,720 --> 00:00:09,150

that's guerrilla skepticism on Wikipedia

4
00:00:14,390 --> 00:00:11,730

I want to thank everyone who via the

5
00:00:16,820 --> 00:00:14,400

skeptic zone podcast has contacted me to

6
00:00:19,310 --> 00:00:16,830

become an editor on Wikipedia together

7
00:00:21,980 --> 00:00:19,320

we have worked on or created over 1200

8
00:00:23,750 --> 00:00:21,990

wikipedia pages countless thousands of

9
00:00:27,019 --> 00:00:23,760

people all over the world access those

10
00:00:30,080 --> 00:00:27,029

pages each day in fact we're over 52

11
00:00:32,179 --> 00:00:30,090

million page views like many listeners I

12
00:00:34,310 --> 00:00:32,189

also give back to the skeptic zone via

13
00:00:36,470 --> 00:00:34,320

monthly micropayment and I want to

14

00:00:38,389 --> 00:00:36,480

encourage you to do the same is the

15

00:00:40,520 --> 00:00:38,399

information and entertainment you get

16

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

each week from the show with five or ten

17

00:00:46,130 --> 00:00:42,540

dollars a month I sure think it is

18

00:00:48,790 --> 00:00:46,140

follow the link at skeptic zone TV and

19

00:00:58,750 --> 00:00:48,800

show your practical support thank you

20

00:01:04,660 --> 00:01:01,910

welcome to the skipped exert the podcast

21

00:01:06,720 --> 00:01:04,670

from Australia for science and reason

22

00:01:09,700 --> 00:01:06,730

[Music]

23

00:01:15,390 --> 00:01:09,710

[Applause]

24

00:01:18,070 --> 00:01:15,400

[Music]

25

00:01:22,210 --> 00:01:18,080

yes it's the skeptics own podcast

26

00:01:25,540 --> 00:01:22,220

episode number 593 for the 23rd of

27

00:01:28,420 --> 00:01:25,550

February 2020 read saunders coming to

28

00:01:30,640 --> 00:01:28,430

you from Sydney Australia coming up on

29

00:01:34,210 --> 00:01:30,650

this week's show 10 things to look out

30

00:01:36,070 --> 00:01:34,220

for with medicine advertisements now

31

00:01:38,500 --> 00:01:36,080

this comes in the wake of a multi-level

32

00:01:40,840 --> 00:01:38,510

marketing company being fined nearly

33

00:01:44,560 --> 00:01:40,850

forty thousand dollars for alleged

34

00:01:47,620 --> 00:01:44,570

breaches of the code in this case it's

35

00:01:49,240 --> 00:01:47,630

the Juice Plus company and they've been

36

00:01:51,400 --> 00:01:49,250

fined by the Therapeutic Goods

37

00:01:53,380 --> 00:01:51,410

Administration the TGA

38

00:01:56,290 --> 00:01:53,390

and in researching this story I

39

00:01:58,960 --> 00:01:56,300

discovered an information page from the

40

00:02:01,420 --> 00:01:58,970

TGA about what you should look out for

41

00:02:04,930 --> 00:02:01,430

when medical products are being

42

00:02:07,090 --> 00:02:04,940

advertised a handy checklist especially

43

00:02:10,000 --> 00:02:07,100

if you're considering using so-called

44

00:02:12,220 --> 00:02:10,010

alternative medicine following that it's

45

00:02:14,320 --> 00:02:12,230

the next in our series of logical

46

00:02:17,140 --> 00:02:14,330

fallacies with Michelle Bica smart our

47

00:02:20,259 --> 00:02:17,150

new reporter this week Michelle looks at

48

00:02:21,880 --> 00:02:20,269

the appeal to Authority and I'm

49

00:02:23,949 --> 00:02:21,890

certainly looking forward to catching up

50

00:02:27,520 --> 00:02:23,959

with Michelle and lots of the vic

51
00:02:29,170 --> 00:02:27,530
skeptics at skeptic amp next weekend

52
00:02:31,540 --> 00:02:29,180
more information about that at the end

53
00:02:33,880 --> 00:02:31,550
of the show then we have an update from

54
00:02:37,810 --> 00:02:33,890
susan gerbic from guerrilla skepticism

55
00:02:40,150 --> 00:02:37,820
on wikipedia I think we need to think

56
00:02:43,000 --> 00:02:40,160
this week Susan gives us an update on

57
00:02:45,580 --> 00:02:43,010
some recent additions and revisions to

58
00:02:48,940 --> 00:02:45,590
wiki pages including the page of choice

59
00:02:50,410 --> 00:02:48,950
magazine here in Australia and where you

60
00:02:53,290 --> 00:02:50,420
can find out more about the famous

61
00:02:56,199 --> 00:02:53,300
shonky Awards then to round off the show

62
00:02:59,289 --> 00:02:56,209
it's Maynard's spooky action more from

63
00:03:01,120 --> 00:02:59,299

skeptic on 2019 in Melbourne this week

64

00:03:06,310 --> 00:03:01,130

Maine our chats to our very own reporter

65

00:03:09,610 --> 00:03:06,320

Trish Hann about social media influences

66

00:03:12,340 --> 00:03:09,620

and more a mixed bag of an episode this

67

00:03:13,690 --> 00:03:12,350

week but now it's time for me to run

68

00:03:18,190 --> 00:03:13,700

downstairs and have a bit of an

69

00:03:22,539 --> 00:03:18,200

international selection miso soup Irish

70

00:03:24,670 --> 00:03:22,549

stew and bread pudding make of that what

71

00:03:33,640 --> 00:03:24,680

you will while I do that I hope you

72

00:03:45,170 --> 00:03:36,620

[Applause]

73

00:03:47,970 --> 00:03:45,180

[Music]

74

00:03:50,520 --> 00:03:47,980

is a story that was brought to my

75

00:03:53,420 --> 00:03:50,530

attention by Heidi Robertson now very

76

00:03:55,830 --> 00:03:53,430

unholy robbers in the raw skeptic

77

00:03:57,540 --> 00:03:55,840

multi-level marketing company find

78

00:04:03,140 --> 00:03:57,550

thirty seven thousand eight hundred

79

00:04:08,130 --> 00:04:06,480

now this is apt I think because only a

80

00:04:11,490 --> 00:04:08,140

couple of weeks ago on the skeptic zone

81

00:04:13,980 --> 00:04:11,500

we ran a segment where I recommended

82

00:04:16,259 --> 00:04:13,990

people listen to the dream podcast

83

00:04:18,390 --> 00:04:16,269

series one is all about multi-level

84

00:04:21,210 --> 00:04:18,400

marketing and series two is all about

85

00:04:26,940 --> 00:04:21,220

the wellness industry and I'm still

86

00:04:28,350 --> 00:04:26,950

enjoying episodes of that podcast this

87

00:04:30,540 --> 00:04:28,360

information comes to us from the

88

00:04:32,490 --> 00:04:30,550

Australian government the Department of

89

00:04:36,360 --> 00:04:32,500

Health therapeutics Goods Administration

90

00:04:38,850 --> 00:04:36,370

website and it is in their media

91

00:04:43,950 --> 00:04:38,860

releases and statements dated the 18th

92

00:04:46,320 --> 00:04:43,960

of February 2020 the Juice Plus company

93

00:04:48,540 --> 00:04:46,330

Australia propriety Limited has paid

94

00:04:50,700 --> 00:04:48,550

penalties of thirty seven thousand eight

95

00:04:53,820 --> 00:04:50,710

hundred dollars after the therapeutics

96

00:04:55,740 --> 00:04:53,830

Goods Administration TGA issued three

97

00:04:57,840 --> 00:04:55,750

infringement notices for alleged

98

00:05:01,320 --> 00:04:57,850

advertising breaches relating to a

99

00:05:03,480 --> 00:05:01,330

vitamin products the TGA alleged the

100

00:05:05,370 --> 00:05:03,490

advertisements did not comply with the

101
00:05:08,880 --> 00:05:05,380
therapeutics Goods advertising

102
00:05:11,100 --> 00:05:08,890
requirements these related to promoting

103
00:05:14,480 --> 00:05:11,110
the products for a condition that is not

104
00:05:17,480 --> 00:05:14,490
permitted for this medicine and health

105
00:05:20,130 --> 00:05:17,490
professional endorsement of the products

106
00:05:22,110 --> 00:05:20,140
direct sellers of these products should

107
00:05:24,360 --> 00:05:22,120
be aware that they have the same legal

108
00:05:26,820 --> 00:05:24,370
obligations as the company when

109
00:05:29,300 --> 00:05:26,830
advertising therapeutic goods and must

110
00:05:33,690 --> 00:05:29,310
comply with the therapeutic goods

111
00:05:34,340 --> 00:05:33,700
advertising code a general warning to

112
00:05:37,469 --> 00:05:34,350
consumers

113
00:05:39,660 --> 00:05:37,479

not only are there rules around which

114

00:05:41,730 --> 00:05:39,670

therapeutic goods health products

115

00:05:44,400 --> 00:05:41,740

can and cannot be advertised to the

116

00:05:46,950 --> 00:05:44,410

public in Australia there are also rules

117

00:05:49,140 --> 00:05:46,960

against misleading claims referring to

118

00:05:51,720 --> 00:05:49,150

particular conditions without approval

119

00:05:54,390 --> 00:05:51,730

to do so and endorsement of products by

120

00:05:56,700 --> 00:05:54,400

health professionals remember no

121

00:05:59,850 --> 00:05:56,710

medicine is 100% safe and there are no

122

00:06:02,490 --> 00:05:59,860

miracle cures think carefully about the

123

00:06:04,350 --> 00:06:02,500

claims being made in an advertisement

124

00:06:06,810 --> 00:06:04,360

and do your homework

125

00:06:10,350 --> 00:06:06,820

if you think an ad breaks the rules make

126
00:06:13,550 --> 00:06:10,360
an advertising complaint online so we

127
00:06:15,810 --> 00:06:13,560
can investigate and people in the

128
00:06:18,510 --> 00:06:15,820
skeptical movement here in Australia

129
00:06:20,630 --> 00:06:18,520
namely Ken Harvey dr. Ken Harvey people

130
00:06:24,960 --> 00:06:20,640
like mal Vickers have certainly been

131
00:06:28,530 --> 00:06:24,970
doing much of that but a quick search of

132
00:06:32,340 --> 00:06:28,540
Juice Plus Online brings us to a website

133
00:06:34,740 --> 00:06:32,350
Direct Selling dot-org today you Direct

134
00:06:36,780 --> 00:06:34,750
Selling Australia and the information

135
00:06:39,390 --> 00:06:36,790
about Juice Plus+

136
00:06:42,930 --> 00:06:39,400
it's actually juice the word plus in a

137
00:06:45,270 --> 00:06:42,940
little plus sign Juice Plus+ is the

138
00:06:48,000 --> 00:06:45,280

convenient and inexpensive way to add

139

00:06:51,420 --> 00:06:48,010

more nutrition to your diet from fruits

140

00:06:54,420 --> 00:06:51,430

and vegetables every day Juice Plus+

141

00:06:57,990 --> 00:06:54,430

fruit blend is made from seven different

142

00:06:59,670 --> 00:06:58,000

fruits Juice Plus+ vegetable blend is

143

00:07:02,610 --> 00:06:59,680

made from ten different vegetables

144

00:07:06,030 --> 00:07:02,620

grains plus an array of natural

145

00:07:09,480 --> 00:07:06,040

antioxidants phytochemicals and fibers

146

00:07:12,090 --> 00:07:09,490

in a convenient capsule form each

147

00:07:13,770 --> 00:07:12,100

ingredient is especially selected to

148

00:07:16,440 --> 00:07:13,780

provide you with a wide range of

149

00:07:18,600 --> 00:07:16,450

nutritional benefits we call it quote

150

00:07:21,840 --> 00:07:18,610

the next best thing to fruit and

151
00:07:23,700 --> 00:07:21,850
vegetables men quote we distribute our

152
00:07:25,760 --> 00:07:23,710
product through a network marketing

153
00:07:28,980 --> 00:07:25,770
model of business through our virtual

154
00:07:31,050 --> 00:07:28,990
franchisees based in Newcastle New South

155
00:07:33,030 --> 00:07:31,060
Wales and for those international

156
00:07:35,220 --> 00:07:33,040
listeners Newcastle is the first major

157
00:07:37,830 --> 00:07:35,230
city north of Sydney not too far north

158
00:07:40,410 --> 00:07:37,840
listening our office looks after our

159
00:07:44,460 --> 00:07:40,420
distributors throughout Australia and

160
00:07:46,170 --> 00:07:44,470
New Zealand now this had me interested

161
00:07:49,530 --> 00:07:46,180
in looking around the website of the

162
00:07:53,220 --> 00:07:49,540
Therapeutic Goods Administration and I

163
00:07:55,890 --> 00:07:53,230

came across this interesting page

164

00:07:59,210 --> 00:07:55,900

and it's under home about the TGA

165

00:08:03,030 --> 00:07:59,220

advertising hub complaints and outcomes

166

00:08:06,690 --> 00:08:03,040

10 things to look out for in medicine

167

00:08:10,020 --> 00:08:06,700

advertisements Australia has laws about

168

00:08:12,270 --> 00:08:10,030

what can and can't be shown in a medical

169

00:08:14,060 --> 00:08:12,280

advertisement but you still need to be

170

00:08:17,630 --> 00:08:14,070

careful about the claims being made

171

00:08:20,640 --> 00:08:17,640

don't believe everything you read

172

00:08:22,950 --> 00:08:20,650

exclamation mark here are ten things you

173

00:08:27,210 --> 00:08:22,960

should look out for in advertisements

174

00:08:29,970 --> 00:08:27,220

for medicines one advertisements for

175

00:08:32,490 --> 00:08:29,980

medicines must comply with Australian

176

00:08:35,730 --> 00:08:32,500

law ads must comply with the

177

00:08:37,710 --> 00:08:35,740

therapeutics Goods Act 1989 and other

178

00:08:39,630 --> 00:08:37,720

legislation including the Australian

179

00:08:42,870 --> 00:08:39,640

Consumer Law and state and territory

180

00:08:46,620 --> 00:08:42,880

laws advertising of medicines must be

181

00:08:50,850 --> 00:08:46,630

truthful and not misleading I'm looking

182

00:08:53,730 --> 00:08:50,860

at you only Appa thie - in Australia

183

00:08:57,150 --> 00:08:53,740

products advertised as medicines must be

184

00:08:59,460 --> 00:08:57,160

regulated most medicines that are going

185

00:09:00,930 --> 00:08:59,470

to be sold in Australia must be included

186

00:09:04,650 --> 00:09:00,940

in the Australian register of

187

00:09:08,580 --> 00:09:04,660

Therapeutic Goods that's the AR T G

188

00:09:13,860 --> 00:09:08,590

these medicines must display and Aust

189

00:09:16,740 --> 00:09:13,870

L or aust-r number on the front of their

190

00:09:18,600 --> 00:09:16,750

package be wary of any medicines that

191

00:09:24,240 --> 00:09:18,610

don't have either of these numbers as

192

00:09:27,090 --> 00:09:24,250

they may be illegal or not be a genuine

193

00:09:28,620 --> 00:09:27,100

medicine now for many years the

194

00:09:30,840 --> 00:09:28,630

Australian skeptics and indeed the

195

00:09:33,150 --> 00:09:30,850

skeptics own podcast has been advising

196

00:09:36,750 --> 00:09:33,160

people to look out for the Aust I or us

197

00:09:40,770 --> 00:09:36,760

are lost I meaning listed meaning the

198

00:09:43,190 --> 00:09:40,780

product only has to in theory be backed

199

00:09:46,860 --> 00:09:43,200

up by evidence and in theory work and

200

00:09:50,430 --> 00:09:46,870

cost are registered meaning the product

201
00:09:55,380 --> 00:09:50,440
has actually been tested scientifically

202
00:09:57,510 --> 00:09:55,390
and shown to be ethical next time you're

203
00:09:59,310 --> 00:09:57,520
in your pharmacy here in Australia have

204
00:10:03,260 --> 00:09:59,320
a look at the packet of the medicine

205
00:10:05,420 --> 00:10:03,270
you're buying if it says Aust L a us T L

206
00:10:08,840 --> 00:10:05,430
be wary

207
00:10:12,320 --> 00:10:08,850
three advertisements must be honest and

208
00:10:14,240 --> 00:10:12,330
not raise unrealistic expectations no

209
00:10:16,760 --> 00:10:14,250
medicine will be completely effective

210
00:10:20,060 --> 00:10:16,770
for all patients ads cannot claim that a

211
00:10:23,360 --> 00:10:20,070
medicine is 100% effective a miracle

212
00:10:26,030 --> 00:10:23,370
cure or harmless and free of side

213
00:10:28,030 --> 00:10:26,040

effects remember if it sounds too good

214

00:10:30,830 --> 00:10:28,040

to be true it probably is

215

00:10:33,740 --> 00:10:30,840

hello oh my Appa thee are you still

216

00:10:36,170 --> 00:10:33,750

there of course this is one of the

217

00:10:38,960 --> 00:10:36,180

hallmarks of the claims made by

218

00:10:44,120 --> 00:10:38,970

homeopathy that it is free from

219

00:10:47,930 --> 00:10:44,130

side-effects for advertising must not

220

00:10:51,590 --> 00:10:47,940

cause fear and the information must be

221

00:10:53,390 --> 00:10:51,600

in simple language advertisers must not

222

00:10:56,300 --> 00:10:53,400

take advantage of viewers lack of

223

00:10:59,240 --> 00:10:56,310

knowledge including by using complex

224

00:11:02,120 --> 00:10:59,250

scientific or medical jargon or a fear

225

00:11:04,370 --> 00:11:02,130

about certain conditions an ad can't say

226
00:11:05,720 --> 00:11:04,380
something to make you believe that your

227
00:11:07,820 --> 00:11:05,730
symptoms will get worse

228
00:11:11,930 --> 00:11:07,830
if you don't take the advertised

229
00:11:15,080 --> 00:11:11,940
medicine five celebrity or health

230
00:11:17,720 --> 00:11:15,090
professional endorsements endorsements

231
00:11:20,110 --> 00:11:17,730
of a medicine by a celebrity is allowed

232
00:11:23,390 --> 00:11:20,120
as long as the ad complies with all

233
00:11:25,310 --> 00:11:23,400
advertising rules however doctors and

234
00:11:27,920 --> 00:11:25,320
nurses and other health professionals

235
00:11:31,220 --> 00:11:27,930
cannot appear in ads to promote

236
00:11:33,920 --> 00:11:31,230
medicines and here in Australia of

237
00:11:35,800 --> 00:11:33,930
course we've seen plenty of celebrities

238
00:11:39,020 --> 00:11:35,810

promoting all sorts of health products

239

00:11:41,390 --> 00:11:39,030

six sponsorship does not mean

240

00:11:43,190 --> 00:11:41,400

endorsement you may see products

241

00:11:45,440 --> 00:11:43,200

advertised with a statement saying that

242

00:11:48,560 --> 00:11:45,450

the products owner will make a donation

243

00:11:52,130 --> 00:11:48,570

to a charity when you buy that medicine

244

00:11:55,220 --> 00:11:52,140

this is legal but it does not mean that

245

00:11:56,110 --> 00:11:55,230

the charity endorses the product fair

246

00:11:59,210 --> 00:11:56,120

enough

247

00:12:02,270 --> 00:11:59,220

7 weight loss products are really

248

00:12:04,010 --> 00:12:02,280

effective on their own be careful of ads

249

00:12:06,260 --> 00:12:04,020

for weight loss products that are

250

00:12:08,600 --> 00:12:06,270

unlikely to work on their own and

251
00:12:11,270 --> 00:12:08,610
vertice mints for these products may

252
00:12:13,310 --> 00:12:11,280
refer to using the product in

253
00:12:16,730 --> 00:12:13,320
conjunction with a healthy diet and

254
00:12:18,990 --> 00:12:16,740
lifestyle talk to your doctor for advice

255
00:12:20,939 --> 00:12:19,000
about managing your weight

256
00:12:24,059 --> 00:12:20,949
and I for one am very pleased to see

257
00:12:27,509 --> 00:12:24,069
that it says talk to your doctor and not

258
00:12:29,429 --> 00:12:27,519
talk to your healthcare professional for

259
00:12:32,639 --> 00:12:29,439
as we've mentioned before on the skeptic

260
00:12:36,619 --> 00:12:32,649
zone healthcare professional these days

261
00:12:39,509 --> 00:12:36,629
can mean anything including a homeopathy

262
00:12:43,189 --> 00:12:39,519
eight research in ads should be

263
00:12:45,449 --> 00:12:43,199

disclosed and comparisons fair where the

264

00:12:47,730 --> 00:12:45,459

advertisements for medicines refer to

265

00:12:51,300 --> 00:12:47,740

research or results they must identify

266

00:12:52,800 --> 00:12:51,310

the researcher it is illegal to state or

267

00:12:57,600 --> 00:12:52,810

imply that other products are

268

00:13:00,269 --> 00:12:57,610

ineffective or harmful 9 references to

269

00:13:02,460 --> 00:13:00,279

laboratory studies and tests and not

270

00:13:04,590 --> 00:13:02,470

always what they seem some

271

00:13:06,090 --> 00:13:04,600

advertisements for medicines claimed

272

00:13:09,360 --> 00:13:06,100

their results are supported by

273

00:13:11,309 --> 00:13:09,370

laboratory tests or studies however this

274

00:13:14,189 --> 00:13:11,319

may just mean that the product was

275

00:13:17,069 --> 00:13:14,199

tested on cells in a test tube or on

276

00:13:19,050 --> 00:13:17,079

animals such as mice and does not mean

277

00:13:22,889 --> 00:13:19,060

that the medicine will give the same

278

00:13:26,269 --> 00:13:22,899

results when used in humans 10 medicines

279

00:13:29,009 --> 00:13:26,279

based on traditional use must say so

280

00:13:32,850 --> 00:13:29,019

some medicines are supplied in Australia

281

00:13:37,939 --> 00:13:32,860

based on traditional use for example

282

00:13:41,249 --> 00:13:37,949

Western herbal medicine homeopathy

283

00:13:44,009 --> 00:13:41,259

rather than or sometimes as well as

284

00:13:46,860 --> 00:13:44,019

scientific evidence then towards the

285

00:13:49,110 --> 00:13:46,870

bottom it says advertising can take many

286

00:13:51,329 --> 00:13:49,120

different forms for example native

287

00:13:53,490 --> 00:13:51,339

advertising is advertising that is

288

00:13:57,360 --> 00:13:53,500

presented in the same way as other

289

00:13:59,600 --> 00:13:57,370

content around it like news advertising

290

00:14:04,619 --> 00:13:59,610

can also appear as social media posts

291

00:14:06,480 --> 00:14:04,629

same fundamental rules apply to all and

292

00:14:09,210 --> 00:14:06,490

right at the bottom this is very

293

00:14:12,600 --> 00:14:09,220

important no matter the format if

294

00:14:16,220 --> 00:14:12,610

something encourages you to look for or

295

00:14:19,530 --> 00:14:16,230

use a particular medicine it is an

296

00:14:21,869 --> 00:14:19,540

advertisement and then it goes on with

297

00:14:23,939 --> 00:14:21,879

how you can contact them for more

298

00:14:26,069 --> 00:14:23,949

information I will link to this page in

299

00:14:28,889 --> 00:14:26,079

this week's show notes as well I think

300

00:14:30,560 --> 00:14:28,899

that is a very good page and very good

301

00:14:32,810 --> 00:14:30,570

points to keep in mind

302

00:14:35,120 --> 00:14:32,820

now the TGA the Therapeutic Goods

303

00:14:36,830 --> 00:14:35,130

Administration has certainly come in for

304

00:14:39,440 --> 00:14:36,840

a lot of criticism over the years from

305

00:14:48,350 --> 00:14:39,450

skeptical groups about their lack of

306

00:14:50,360 --> 00:14:48,360

action against certain modalities but to

307

00:14:53,630 --> 00:14:50,370

give them their due they do take action

308

00:14:55,550 --> 00:14:53,640

when they can and I will imagine that

309

00:15:00,950 --> 00:14:55,560

there like many government departments

310

00:15:02,630 --> 00:15:00,960

they have somewhat under resourced an

311

00:15:05,090 --> 00:15:02,640

interesting little rabbit hole there

312

00:15:18,740 --> 00:15:05,100

thanks to Heidi Robertson the raw

313

00:15:21,740 --> 00:15:18,750

skeptic hi this is dr. Pamela gay from

314

00:15:23,570 --> 00:15:21,750

astronomy cast each week Fraser Cain and

315

00:15:26,030 --> 00:15:23,580

I take our listeners on a fact-based

316

00:15:28,640 --> 00:15:26,040

journey through the cosmos with our

317

00:15:31,250 --> 00:15:28,650

weekly podcast we explain not just what

318

00:15:34,010 --> 00:15:31,260

we know but how we know what we know

319

00:15:36,620 --> 00:15:34,020

about this universe that we share check

320

00:15:39,110 --> 00:15:36,630

us out at astronomy cast calm and look

321

00:15:43,340 --> 00:15:39,120

for us in itunes google play and where

322

00:16:06,790 --> 00:15:43,350

ever you download podcasts see online

323

00:16:08,720 --> 00:16:06,800

[Music]

324

00:16:11,490 --> 00:16:08,730

logical fallacies

325

00:16:14,650 --> 00:16:11,500

[Music]

326

00:16:16,720 --> 00:16:14,660

what are the logical fallacies and why

327

00:16:19,000 --> 00:16:16,730

is it important that critical thinkers

328

00:16:21,910 --> 00:16:19,010

should know about them

329

00:16:24,759 --> 00:16:21,920

a logical fallacy is an error we can

330

00:16:27,040 --> 00:16:24,769

make in reasoning but it usually crops

331

00:16:30,759 --> 00:16:27,050

up when we are discussing or arguing our

332

00:16:33,189 --> 00:16:30,769

point of view some people might even

333

00:16:34,900 --> 00:16:33,199

knowingly use them to try and score

334

00:16:38,800 --> 00:16:34,910

cheap points in an argument

335

00:16:41,379 --> 00:16:38,810

due to intellectual laziness they are

336

00:16:43,629 --> 00:16:41,389

traps we can fall into but if we know

337

00:16:45,910 --> 00:16:43,639

what to look out for we can spot them

338

00:16:48,450 --> 00:16:45,920

when they occur and stop ourselves from

339

00:16:50,660 --> 00:16:48,460

using them

340

00:16:53,250 --> 00:16:50,670

[Music]

341

00:16:56,760 --> 00:16:53,260

this week we'll look at the appeal to

342

00:17:00,510 --> 00:16:56,770

Authority the use of the perceived

343

00:17:03,180 --> 00:17:00,520

knowledge or expertise or even celebrity

344

00:17:05,340 --> 00:17:03,190

of someone or an institution to add

345

00:17:09,420 --> 00:17:05,350

weight to your argument or to justify

346

00:17:12,810 --> 00:17:09,430

your decisions in science there are no

347

00:17:17,160 --> 00:17:12,820

ultimate authorities now what do I mean

348

00:17:18,990 --> 00:17:17,170

by this no one no matter how qualified

349

00:17:21,900 --> 00:17:19,000

they are in their special field of

350

00:17:25,920 --> 00:17:21,910

knowledge is regarded as having all the

351
00:17:28,470 --> 00:17:25,930
answers and always being right there may

352
00:17:31,680 --> 00:17:28,480
well be other experts in the same area

353
00:17:35,240 --> 00:17:31,690
of knowledge who disagree like the rest

354
00:17:38,820 --> 00:17:35,250
of us even experts can make mistakes as

355
00:17:41,100 --> 00:17:38,830
science is an ongoing process no one

356
00:17:45,480 --> 00:17:41,110
could ever have the final answers in a

357
00:17:47,490 --> 00:17:45,490
field of knowledge or study also someone

358
00:17:50,570 --> 00:17:47,500
who is regarded as an authority or

359
00:17:54,060 --> 00:17:50,580
expert in one area of knowledge

360
00:17:55,920 --> 00:17:54,070
astronomy for example may not be

361
00:18:01,290 --> 00:17:55,930
qualified to comment on climate science

362
00:18:05,090 --> 00:18:01,300
or geology and so on I know homeopathy

363
00:18:07,860 --> 00:18:05,100

works it's based on energy frequencies

364

00:18:11,130 --> 00:18:07,870

even Albert Einstein knew this when he

365

00:18:13,830 --> 00:18:11,140

said everything is energy and that's all

366

00:18:16,380 --> 00:18:13,840

there is to it match the frequency of

367

00:18:19,230 --> 00:18:16,390

the reality you want and you cannot help

368

00:18:21,960 --> 00:18:19,240

but get that reality it can be no other

369

00:18:25,140 --> 00:18:21,970

way this is not philosophy this is

370

00:18:27,780 --> 00:18:25,150

physics poor old Einstein his name has

371

00:18:32,130 --> 00:18:27,790

been used so many times over the decades

372

00:18:34,740 --> 00:18:32,140

to justify all sorts of claims not only

373

00:18:37,980 --> 00:18:34,750

did Einstein never say this classic fake

374

00:18:40,860 --> 00:18:37,990

quote the quote itself makes no sense at

375

00:18:43,320 --> 00:18:40,870

all it is just a bunch of science

376

00:18:46,470 --> 00:18:43,330

sounding words meshed together and

377

00:18:48,720 --> 00:18:46,480

something we call a word salad the

378

00:18:51,990 --> 00:18:48,730

important thing to remember is that

379

00:18:54,810 --> 00:18:52,000

invoking the name of Einstein or anyone

380

00:18:58,500 --> 00:18:54,820

else does not therefore mean your point

381

00:19:00,990 --> 00:18:58,510

is correct I always eat mint ice

382

00:19:03,360 --> 00:19:01,000

biscuits in the evening I know they're

383

00:19:06,470 --> 00:19:03,370

good as world uphill skiing

384

00:19:09,890 --> 00:19:06,480

being marry Boyd endorses them nor I

385

00:19:12,000 --> 00:19:09,900

believe in the new age healing power of

386

00:19:13,980 --> 00:19:12,010

reconnected energy spirits

387

00:19:16,710 --> 00:19:13,990

I mean if it's good enough for movie

388

00:19:19,890 --> 00:19:16,720

star Alfreda parks it's good enough for

389

00:19:22,680 --> 00:19:19,900

me just because someone famous or

390

00:19:25,590 --> 00:19:22,690

someone you admire advertisers or

391

00:19:28,380 --> 00:19:25,600

endorses a product or even an idea or

392

00:19:31,410 --> 00:19:28,390

philosophy it doesn't mean that the

393

00:19:35,669 --> 00:19:31,420

product or idea is the right one for you

394

00:19:37,530 --> 00:19:35,679

or anyone else many people can be

395

00:19:41,100 --> 00:19:37,540

convinced of the amazing health benefits

396

00:19:44,940 --> 00:19:41,110

of something only to find out later it

397

00:19:47,549 --> 00:19:44,950

was just a placebo of course it might be

398

00:19:51,560 --> 00:19:47,559

a fine product after all and really work

399

00:19:54,750 --> 00:19:51,570

but try to judge it on its own merits

400

00:19:57,120 --> 00:19:54,760

Mentos biscuits aren't any better or

401
00:20:01,110 --> 00:19:57,130
worse just because someone you like

402
00:20:03,600 --> 00:20:01,120
promotes them it's important to keep in

403
00:20:05,970 --> 00:20:03,610
mind that many times experts in their

404
00:20:08,130 --> 00:20:05,980
field are called experts because they

405
00:20:11,549 --> 00:20:08,140
have studied a subject over many years

406
00:20:14,549 --> 00:20:11,559
and often do indeed know what they are

407
00:20:17,790 --> 00:20:14,559
talking about they have earned the right

408
00:20:22,230 --> 00:20:17,800
to be listened to but in the end even

409
00:20:27,299 --> 00:20:24,589
[Music]

410
00:20:29,749 --> 00:20:27,309
knowing a logical fallacy when you hear

411
00:20:32,129 --> 00:20:29,759
one and even knowing its name is

412
00:20:35,789 --> 00:20:32,139
important when arguing your point of

413
00:20:38,609 --> 00:20:35,799

view however you may come across as

414

00:20:41,219 --> 00:20:38,619

arrogant and not get very far if you

415

00:20:44,969 --> 00:20:41,229

call it out by name to your opponent

416

00:20:47,279 --> 00:20:44,979

when you hear it being used if your

417

00:20:49,830 --> 00:20:47,289

opponent calls you out for using one

418

00:20:53,669 --> 00:20:49,840

it's time to stop and think about how

419

00:20:56,009 --> 00:20:53,679

you were making your case use your

420

00:20:59,310 --> 00:20:56,019

knowledge of logical fallacies wisely

421

00:21:01,589 --> 00:20:59,320

and remember that even if your point of

422

00:21:04,830 --> 00:21:01,599

view is right and you know all the

423

00:21:08,099 --> 00:21:04,840

pitfalls in arguing your case it doesn't

424

00:21:11,519 --> 00:21:08,109

always mean you'll win on the day and a

425

00:21:17,310 --> 00:21:11,529

skeptics we must also remember that we

426

00:21:19,979 --> 00:21:17,320

too can be wrong at times I'm sure

427

00:21:29,860 --> 00:21:19,989

because my from the VEX skeptics thanks

428

00:21:35,320 --> 00:21:33,409

hi this is Heidi Robertson from the

429

00:21:38,230 --> 00:21:35,330

Northern Rivers vaccination supporters

430

00:21:40,760 --> 00:21:38,240

we are a group of concerned citizens

431

00:21:43,400 --> 00:21:40,770

dedicated to promoting good science and

432

00:21:46,520 --> 00:21:43,410

common sense in our region the far north

433

00:21:48,080 --> 00:21:46,530

coast of New South Wales this area are

434

00:21:51,260 --> 00:21:48,090

famous for its natural beauty and

435

00:21:54,770 --> 00:21:51,270

relaxed lifestyle also has the lowest

436

00:21:57,049 --> 00:21:54,780

rates of vaccination in Australia we are

437

00:21:59,390 --> 00:21:57,059

out to change that by challenging the

438

00:22:01,070 --> 00:21:59,400

myths and misinformation and by

439

00:22:04,400 --> 00:22:01,080

providing good evidence-based

440

00:22:06,230 --> 00:22:04,410

information to the community we'd love

441

00:22:09,860 --> 00:22:06,240

for you no matter where you are in the

442

00:22:17,450 --> 00:22:09,870

world to join our fight please visit our

443

00:22:20,450 --> 00:22:17,460

webpage at WWF in folk we also have a

444

00:22:23,390 --> 00:22:20,460

link there to our Facebook page tweet us

445

00:22:26,600 --> 00:22:23,400

at in our FAQs supporters

446

00:22:28,840 --> 00:22:26,610

that's VIX and check us out on Wikipedia

447

00:22:31,690 --> 00:22:28,850

by searching for Northern Rivers

448

00:22:47,510 --> 00:22:31,700

vaccination supporters thank you

449

00:22:57,790 --> 00:22:47,520

[Music]

450

00:23:09,620 --> 00:23:07,610

here's susan gerbic ho skeptic zone

451
00:23:11,510 --> 00:23:09,630
listeners this is Susan from the

452
00:23:13,910 --> 00:23:11,520
guerrilla skepticism on Wikipedia

453
00:23:16,130 --> 00:23:13,920
project I'm always happy to get a chance

454
00:23:19,280 --> 00:23:16,140
to speak to you and just a few updates

455
00:23:21,050 --> 00:23:19,290
in the world of gso W that is the

456
00:23:23,240 --> 00:23:21,060
guerrilla skepticism on Wikipedia

457
00:23:27,100 --> 00:23:23,250
project our international team of

458
00:23:32,750 --> 00:23:27,110
editors has just written our 1327

459
00:23:35,900 --> 00:23:32,760
Wikipedia page and those 1327 Wikipedia

460
00:23:36,680 --> 00:23:35,910
pages have been viewed over 55 million

461
00:23:38,930 --> 00:23:36,690
times

462
00:23:42,080 --> 00:23:38,940
in fact we're getting close to 56

463
00:23:43,790 --> 00:23:42,090

million times now some recent pages we

464

00:23:47,450 --> 00:23:43,800

have been working on have been for

465

00:23:49,910 --> 00:23:47,460

Gwyneth Paltrow's goop company and the

466

00:23:52,520 --> 00:23:49,920

goop lab which is the new show out on

467

00:23:54,350 --> 00:23:52,530

Netflix and we feel that that's really

468

00:23:59,210 --> 00:23:54,360

important to get great information out

469

00:24:01,880 --> 00:23:59,220

about goop and goop lab and we have

470

00:24:05,870 --> 00:24:01,890

written those Wikipedia pages in English

471

00:24:08,690 --> 00:24:05,880

Afrikaans Spanish and French and those

472

00:24:13,280 --> 00:24:08,700

Wikipedia pages have our are about

473

00:24:15,710 --> 00:24:13,290

nearing 150,000 page views in Spanish

474

00:24:18,830 --> 00:24:15,720

one page we've just recently written was

475

00:24:21,050 --> 00:24:18,840

like dora el caliente which is hot

476

00:24:23,330 --> 00:24:21,060

reading and that's a technique sometimes

477

00:24:26,600 --> 00:24:23,340

used by some psychic mediums where they

478

00:24:28,880 --> 00:24:26,610

have information on you before they do

479

00:24:31,400 --> 00:24:28,890

the reading either from social media or

480

00:24:34,640 --> 00:24:31,410

maybe their sister told them all about

481

00:24:36,920 --> 00:24:34,650

you or some other kind of way that they

482

00:24:38,780 --> 00:24:36,930

know something about you but appear that

483

00:24:41,560 --> 00:24:38,790

they don't know anything about you until

484

00:24:43,550 --> 00:24:41,570

they start speaking to the dead in

485

00:24:45,830 --> 00:24:43,560

Portuguese we've just written the

486

00:24:48,520 --> 00:24:45,840

Wikipedia pages for Venus and retrograde

487

00:24:50,900 --> 00:24:48,530

and mercury in retrograde

488

00:24:53,600 --> 00:24:50,910

Susie wills just received a newly

489

00:24:55,940 --> 00:24:53,610

rewritten Wikipedia page and Susie was

490

00:24:58,880 --> 00:24:55,950

the emcee for the New Zealand skeptics

491

00:25:00,590 --> 00:24:58,890

conference I attended in December she's

492

00:25:03,050 --> 00:25:00,600

a microbiologist and a sign

493

00:25:05,690 --> 00:25:03,060

communicator she specializes in

494

00:25:07,360 --> 00:25:05,700

infectious diseases and has been kept

495

00:25:10,520 --> 00:25:07,370

quite busy by the media lately

496

00:25:12,830 --> 00:25:10,530

explaining the krona virus hopefully

497

00:25:15,470 --> 00:25:12,840

this will mean that the media will find

498

00:25:18,680 --> 00:25:15,480

her Wikipedia page and find all her

499

00:25:20,510 --> 00:25:18,690

different accolades and how awesome she

500

00:25:22,730 --> 00:25:20,520

is and use her more often whenever

501
00:25:26,840 --> 00:25:22,740
they're talking about infectious

502
00:25:29,270 --> 00:25:26,850
diseases in science communication the

503
00:25:31,430 --> 00:25:29,280
Jeffrey Epstein conspiracy yes there is

504
00:25:34,190 --> 00:25:31,440
a Jeffrey Epstein conspiracy apparently

505
00:25:37,610 --> 00:25:34,200
and it has received a new wikipedia page

506
00:25:40,730 --> 00:25:37,620
in Africans that is a language spoken in

507
00:25:43,550 --> 00:25:40,740
South Africa besides English in fact we

508
00:25:46,160 --> 00:25:43,560
have one editor who's written a hundred

509
00:25:48,370 --> 00:25:46,170
and ten Africans Wikipedia pages on all

510
00:25:50,750 --> 00:25:48,380
kinds of areas pertaining to science

511
00:25:52,850 --> 00:25:50,760
pseudoscience and South African

512
00:25:54,970 --> 00:25:52,860
scientists and that really makes me

513
00:25:57,650 --> 00:25:54,980

smile to know that students are reading

514

00:25:59,540 --> 00:25:57,660

well-written Wikipedia pages about

515

00:26:02,930 --> 00:25:59,550

science and pseudoscience in the

516

00:26:05,390 --> 00:26:02,940

language of Africans we recently wrote a

517

00:26:08,120 --> 00:26:05,400

book a PV a page for the documentary we

518

00:26:10,880 --> 00:26:08,130

believe in dinosaurs released by the

519

00:26:13,250 --> 00:26:10,890

science community it was released in

520

00:26:15,050 --> 00:26:13,260

2019 and it's about the controversy

521

00:26:18,440 --> 00:26:15,060

surrounding the construction of the art

522

00:26:20,690 --> 00:26:18,450

encounter Museum that's in Kentucky one

523

00:26:22,970 --> 00:26:20,700

of our editors has a lot of Education in

524

00:26:25,160 --> 00:26:22,980

the pharmaceutical world and he has

525

00:26:28,130 --> 00:26:25,170

written at least 10 nah maybe closer to

526

00:26:29,870 --> 00:26:28,140

20 Wikipedia pages that are all tiled

527

00:26:35,680 --> 00:26:29,880

with a string of letters and numbers

528

00:26:38,600 --> 00:26:35,690

like this one H 3 K 3 6 M E which is an

529

00:26:43,370 --> 00:26:38,610

epigenetic modification to the DNA

530

00:26:45,590 --> 00:26:43,380

packaging protein histone h3 wow that's

531

00:26:47,420 --> 00:26:45,600

a mouthful this same editor wrote the

532

00:26:51,200 --> 00:26:47,430

Wikipedia page for one of the promising

533

00:26:53,300 --> 00:26:51,210

new drugs that is treating Ebola Richard

534

00:26:55,100 --> 00:26:53,310

and Maynard reported from the shonky

535

00:26:57,880 --> 00:26:55,110

Awards a few months back they are

536

00:27:00,920 --> 00:26:57,890

awarded by choice which is an Australian

537

00:27:04,010 --> 00:27:00,930

consumers association and that sounds

538

00:27:06,860 --> 00:27:04,020

like scientific skepticism so gso w

539

00:27:09,890 --> 00:27:06,870

editor Lawrence rewrote their Wikipedia

540

00:27:12,720 --> 00:27:09,900

page it's now all referenced and he has

541

00:27:14,940 --> 00:27:12,730

listed all the past shonky Award winners

542

00:27:16,769 --> 00:27:14,950

as a shonky is a negative award for

543

00:27:19,529 --> 00:27:16,779

dubious or dishonest behavior from

544

00:27:21,599 --> 00:27:19,539

companies so being listed on a Wikipedia

545

00:27:24,389 --> 00:27:21,609

page is a way to shame companies that

546

00:27:26,369 --> 00:27:24,399

practice shonky behaviors and I'm

547

00:27:29,639 --> 00:27:26,379

reading the Wikipedia page now and I see

548

00:27:32,820 --> 00:27:29,649

that one of the 2019 shonky winners was

549

00:27:36,570 --> 00:27:32,830

the entire Australian pet insurance

550

00:27:38,190 --> 00:27:36,580

industry for quote catch-22 pet

551
00:27:41,039 --> 00:27:38,200
insurance whose conditions make it

552
00:27:43,139 --> 00:27:41,049
worthless and bad insurance riddled with

553
00:27:45,629 --> 00:27:43,149
exclusions unquote

554
00:27:48,810 --> 00:27:45,639
so there's way more pages completed than

555
00:27:50,489 --> 00:27:48,820
I could mention did you know that the

556
00:27:52,560 --> 00:27:50,499
sceptic zone is currently our best

557
00:27:53,279 --> 00:27:52,570
source for new recruits no experience

558
00:27:55,080 --> 00:27:53,289
necessary

559
00:27:56,430 --> 00:27:55,090
just approached me with a Facebook

560
00:27:58,889 --> 00:27:56,440
message and will get your training

561
00:28:00,869 --> 00:27:58,899
started a few months later and you'll be

562
00:28:03,570 --> 00:28:00,879
educating the world with well written

563
00:28:06,930 --> 00:28:03,580

and researched articles and no you do

564

00:28:08,310 --> 00:28:06,940

not have to speak Africans I want to

565

00:28:10,019 --> 00:28:08,320

mention that I've just released a report

566

00:28:12,299 --> 00:28:10,029

on the New Zealand skeptic conference

567

00:28:16,499 --> 00:28:12,309

held last December in Christchurch we

568

00:28:18,509 --> 00:28:16,509

had a fabulous time read the article if

569

00:28:21,659 --> 00:28:18,519

anything for just the photographs

570

00:28:23,940 --> 00:28:21,669

because they are amazing we had such a

571

00:28:26,159 --> 00:28:23,950

blast and to attend at the next

572

00:28:27,690 --> 00:28:26,169

conference by the New Zealand skeptics

573

00:28:30,810 --> 00:28:27,700

is going to be held in late October in

574

00:28:32,909 --> 00:28:30,820

Wellington New Zealand I hope to have a

575

00:28:36,779 --> 00:28:32,919

report out next month on the Melbourne

576

00:28:39,149 --> 00:28:36,789

conference I attended this last December

577

00:28:41,909 --> 00:28:39,159

and the next one's going to be held in

578

00:28:46,229 --> 00:28:41,919

the Gold Coast in early October so get

579

00:28:48,330 --> 00:28:46,239

over to the Gold Coast or Wellington

580

00:28:51,299 --> 00:28:48,340

this next year you're gonna have an

581

00:28:53,279 --> 00:28:51,309

absolute blast if you can make it to Las

582

00:28:56,009 --> 00:28:53,289

Vegas this October you're gonna find me

583

00:28:59,269 --> 00:28:56,019

and about 700 other people to meet at

584

00:29:01,889 --> 00:28:59,279

saikhan speakers will be announced soon

585

00:29:04,049 --> 00:29:01,899

June 7th which is coming up pretty

586

00:29:05,419 --> 00:29:04,059

quickly is sceptical it's held in

587

00:29:07,470 --> 00:29:05,429

Oakland California

588

00:29:09,509 --> 00:29:07,480

hopefully Richard Saunders will be

589

00:29:11,999 --> 00:29:09,519

interviewing a very popular science

590

00:29:13,739 --> 00:29:12,009

writer you're all pretty familiar with I

591

00:29:15,479 --> 00:29:13,749

can't say more because we haven't

592

00:29:18,690 --> 00:29:15,489

announced the speakers yet but it's

593

00:29:20,609 --> 00:29:18,700

going to be really awesome we are as a

594

00:29:22,349 --> 00:29:20,619

community growing the number of lectures

595

00:29:25,610 --> 00:29:22,359

and conferences held all over the world

596

00:29:27,380 --> 00:29:25,620

so try to attend one or two as you can

597

00:29:28,940 --> 00:29:27,390

and that's all for the moment skeptic

598

00:29:31,760 --> 00:29:28,950

zone listeners thank you so much for

599

00:29:33,710 --> 00:29:31,770

your welcome as I and Mark Edward travel

600

00:29:37,160 --> 00:29:33,720

through New Zealand and lectured our way

601
00:29:39,260 --> 00:29:37,170
around Australia we somehow managed to

602
00:29:41,510 --> 00:29:39,270
avoid the drop there's and hoop snakes

603
00:29:44,900 --> 00:29:41,520
but who knows maybe the next time we're

604
00:29:47,500 --> 00:29:44,910
there we'll be able to take a photo a

605
00:29:48,980 --> 00:29:47,510
selfie with a hoop snake or a drop bear

606
00:29:56,750 --> 00:29:48,990
Tata for now

607
00:29:59,030 --> 00:29:56,760
thanks all are you looking for a

608
00:30:01,400 --> 00:29:59,040
science-based medical podcast to answer

609
00:30:03,919 --> 00:30:01,410
all your questions about health check

610
00:30:05,600 --> 00:30:03,929
out the body of evidence whether you're

611
00:30:08,270 --> 00:30:05,610
curious about the potential benefits of

612
00:30:11,000 --> 00:30:08,280
omega-3s or the potential risks of

613
00:30:13,130 --> 00:30:11,010

vaping we take a look at the body of

614

00:30:17,150 --> 00:30:13,140

evidence to separate the noise the hype

615

00:30:19,250 --> 00:30:17,160

the lies from actual scientific rigor we

616

00:30:20,660 --> 00:30:19,260

do it with comedy skits the only logical

617

00:30:22,880 --> 00:30:20,670

thing to do is for me to take off all my

618

00:30:24,680 --> 00:30:22,890

clothes and run into the street no

619

00:30:28,520 --> 00:30:24,690

remember the first rule of podcasting

620

00:30:30,970 --> 00:30:28,530

always keep your pants on with jingles

621

00:30:34,520 --> 00:30:30,980

[Music]

622

00:30:36,200 --> 00:30:34,530

and by you know discussing what the

623

00:30:39,320 --> 00:30:36,210

evidence has to say on the topic at hand

624

00:30:41,210 --> 00:30:39,330

or unless that is a pill but yeah it has

625

00:30:42,830 --> 00:30:41,220

it has the side effects of bloating gas

626

00:30:45,260 --> 00:30:42,840

and greasy stool which makes it very

627

00:30:47,720 --> 00:30:45,270

unpleasant the body of evidence find it

628

00:30:50,120 --> 00:30:47,730

a body of evidence dossier or on your

629

00:30:53,240 --> 00:30:50,130

favorite podcast app the body of

630

00:30:57,240 --> 00:30:53,250

evidence medicine that tastes funny and

631

00:30:57,250 --> 00:31:02,860

[Music]

632

00:31:02,870 --> 00:31:11,090

his may not spooky action at a distance

633

00:31:15,690 --> 00:31:13,830

well we're in the media room here and

634

00:31:17,430 --> 00:31:15,700

I'd like to call the scrum but there's

635

00:31:18,990 --> 00:31:17,440

really not enough people really um there

636

00:31:22,140 --> 00:31:19,000

isn't enough people for a fight really

637

00:31:24,240 --> 00:31:22,150

even but here I am with Trish Hannah a

638

00:31:26,730 --> 00:31:24,250

skeptic Zane yes and you're away from

639

00:31:27,270 --> 00:31:26,740

your radio or graphic actions over this

640

00:31:29,370 --> 00:31:27,280

weekend

641

00:31:30,720 --> 00:31:29,380

I am indeed I'm on holiday actually do

642

00:31:33,000 --> 00:31:30,730

you have a slightly high residual

643

00:31:34,290 --> 00:31:33,010

background radiation personally than the

644

00:31:36,890 --> 00:31:34,300

normal person on the street because

645

00:31:39,240 --> 00:31:36,900

that's what you do for a living

646

00:31:40,770 --> 00:31:39,250

certainly know about it there I hope

647

00:31:44,190 --> 00:31:40,780

what have you found the most interesting

648

00:31:46,080 --> 00:31:44,200

things so far and skeptical oh actually

649

00:31:48,180 --> 00:31:46,090

because there's been so many like such a

650

00:31:49,440 --> 00:31:48,190

variety of topics that I've actually

651
00:31:50,970 --> 00:31:49,450
enjoyed quite a few of them which is

652
00:31:51,930 --> 00:31:50,980
very nice I really lovely Mary's talk

653
00:31:53,730 --> 00:31:51,940
just now

654
00:31:55,710 --> 00:31:53,740
that was fantastic on linguistic I find

655
00:31:57,120 --> 00:31:55,720
linguistics so fascinating look it's

656
00:32:02,040 --> 00:31:57,130
fascinating but I had to leave when

657
00:32:04,440 --> 00:32:02,050
looking I'm subjunctive notes failure on

658
00:32:06,210 --> 00:32:04,450
our way I'm sorry look I'm just gonna

659
00:32:07,530 --> 00:32:06,220
learn Latin and come back in a couple of

660
00:32:08,580 --> 00:32:07,540
years I'm here but do you were good with

661
00:32:10,620 --> 00:32:08,590
it because you had a proper education

662
00:32:12,570 --> 00:32:10,630
yeah you see I'm a survivor of a grammar

663
00:32:15,180 --> 00:32:12,580

school so you know where we had to learn

664

00:32:16,890 --> 00:32:15,190

not only English but Latin French and

665

00:32:18,060 --> 00:32:16,900

German and then all the other forms of

666

00:32:19,710 --> 00:32:18,070

English that no one actually speaks

667

00:32:22,620 --> 00:32:19,720

anymore you couldn't tell from how I

668

00:32:25,170 --> 00:32:22,630

talk now but still you've got some of

669

00:32:28,110 --> 00:32:25,180

those in jokes down there maybe maybe

670

00:32:30,150 --> 00:32:28,120

not just reading from her online there

671

00:32:31,620 --> 00:32:30,160

she was saying if you can understand

672

00:32:33,270 --> 00:32:31,630

someone's grammar well enough to correct

673

00:32:34,920 --> 00:32:33,280

it you probably shouldn't now do you

674

00:32:38,910 --> 00:32:34,930

think that's a good rule I absolutely

675

00:32:40,200 --> 00:32:38,920

agree I agree so much I tweeted it very

676
00:32:41,790 --> 00:32:40,210
true indeed what about the dinner last

677
00:32:44,940 --> 00:32:41,800
night there's a lot of magic in the air

678
00:32:46,830 --> 00:32:44,950
I was animagus assistant as were you yes

679
00:32:48,630 --> 00:32:46,840
I think vom saal must be burnt at the

680
00:32:50,370 --> 00:32:48,640
stake for being a witch yes I don't

681
00:32:51,720 --> 00:32:50,380
think that people should be able to do

682
00:32:53,760 --> 00:32:51,730
the kind of tricks that he was doing I

683
00:32:56,970 --> 00:32:53,770
had people coming up to me wanting to

684
00:33:00,300 --> 00:32:56,980
know how the trick was done and telling

685
00:33:02,070 --> 00:33:00,310
me I was a plant no no I had no idea

686
00:33:03,570 --> 00:33:02,080
because it was a it was a number that a

687
00:33:05,970 --> 00:33:03,580
rather complicated number that came out

688
00:33:06,900 --> 00:33:05,980

using a calculator on phone I got no

689

00:33:08,850 --> 00:33:06,910

idea how it happened

690

00:33:11,010 --> 00:33:08,860

well it involved you know several people

691

00:33:12,540 --> 00:33:11,020

because he went around the room we had

692

00:33:14,790 --> 00:33:12,550

lottery tickets handed out and then

693

00:33:17,670 --> 00:33:14,800

magically that the final number of the

694

00:33:21,910 --> 00:33:17,680

calculation was not only today's date

695

00:33:27,100 --> 00:33:23,920

I had a great chat to him and because I

696

00:33:29,320 --> 00:33:27,110

said look both that you and dr. Brad are

697

00:33:31,570 --> 00:33:29,330

my two favorite GPS I wish I had great

698

00:33:33,400 --> 00:33:31,580

GPS like you and he pointed out that

699

00:33:34,960 --> 00:33:33,410

look you shouldn't be so harsh on GPS

700

00:33:37,390 --> 00:33:34,970

because maybe the ones you've seen that

701
00:33:39,100 --> 00:33:37,400
have been in the in practice a bit

702
00:33:41,260 --> 00:33:39,110
longer a little bit perhaps a bit jaded

703
00:33:43,090 --> 00:33:41,270
a bit cynical and maybe we could be

704
00:33:44,470 --> 00:33:43,100
affected by that in years to come so I

705
00:33:45,790 --> 00:33:44,480
thought that was an interesting point I

706
00:33:47,380 --> 00:33:45,800
think it's a very good argument for

707
00:33:49,270 --> 00:33:47,390
paying your GP as well because if your

708
00:33:51,100 --> 00:33:49,280
GP is having to branch out and do magic

709
00:33:53,200 --> 00:33:51,110
with codes birthday parties and the one

710
00:33:54,940 --> 00:33:53,210
funeral then maybe HP beginning pay

711
00:33:57,220 --> 00:33:54,950
better for their actual primary job I

712
00:33:58,870 --> 00:33:57,230
wanted to say who I mean I've heard

713
00:34:00,160 --> 00:33:58,880

these Chinese funerals where they have

714

00:34:02,770 --> 00:34:00,170

strippers and all sorts of weird stuff

715

00:34:05,020 --> 00:34:02,780

going on but in Australia having a

716

00:34:06,970 --> 00:34:05,030

magician at your funeral I mean everyone

717

00:34:09,100 --> 00:34:06,980

said oh maybe the guy's not dead and

718

00:34:10,690 --> 00:34:09,110

it's some elaborate prank that's been

719

00:34:11,770 --> 00:34:10,700

pulled on us you know I'd like to

720

00:34:14,380 --> 00:34:11,780

imagine that he made the coffin

721

00:34:16,840 --> 00:34:14,390

disappear or something like that so is

722

00:34:18,909 --> 00:34:16,850

there any new whoo or paranormal or

723

00:34:20,500 --> 00:34:18,919

unusual thing that someone's mentioned

724

00:34:23,050 --> 00:34:20,510

or talked about over the weekend so far

725

00:34:24,490 --> 00:34:23,060

Trish well funnily enough the thing that

726

00:34:26,230 --> 00:34:24,500

has been on my mind that a couple of

727

00:34:28,659 --> 00:34:26,240

people have mentioned I'm glad that it's

728

00:34:32,050 --> 00:34:28,669

being paid attention to is the absolute

729

00:34:34,560 --> 00:34:32,060

explosion of whoo on Instagram you now

730

00:34:39,370 --> 00:34:34,570

get these and I'm gonna coin the term

731

00:34:40,810 --> 00:34:39,380

influence because their influences and

732

00:34:42,010 --> 00:34:40,820

and they're everywhere

733

00:34:44,740 --> 00:34:42,020

you know you've got things like tazed

734

00:34:46,770 --> 00:34:44,750

way who recently they're Australians

735

00:34:49,840 --> 00:34:46,780

there are another one of those Instagram

736

00:34:52,930 --> 00:34:49,850

like they are a brand in themselves and

737

00:34:55,630 --> 00:34:52,940

they have been very strongly advocating

738

00:34:57,160 --> 00:34:55,640

for not vaccinating and and obviously

739

00:34:58,600 --> 00:34:57,170

with what's happening in Samoa what's

740

00:35:01,540 --> 00:34:58,610

happening in Africa what's happening all

741

00:35:03,670 --> 00:35:01,550

over the world unfortunately that kind

742

00:35:05,530 --> 00:35:03,680

of talk is is dangerous and it's killing

743

00:35:07,450 --> 00:35:05,540

people I was talking to some of the

744

00:35:08,530 --> 00:35:07,460

journalists here from the age today in

745

00:35:10,600 --> 00:35:08,540

Melbourne and they were saying that

746

00:35:11,950 --> 00:35:10,610

influences are getting into crystals and

747

00:35:13,690 --> 00:35:11,960

things like that and I was thinking well

748

00:35:16,180 --> 00:35:13,700

they can sell them that's a that's

749

00:35:17,470 --> 00:35:16,190

something with a high markup but do you

750

00:35:19,120 --> 00:35:17,480

think it's going to be that sort of

751

00:35:20,920 --> 00:35:19,130

things with a higher markup they're

752

00:35:23,650 --> 00:35:20,930

selling or the whole wellness package

753

00:35:25,660 --> 00:35:23,660

like do what we do and you'll look like

754

00:35:27,700 --> 00:35:25,670

us so which one seems to be what's going

755

00:35:29,890 --> 00:35:27,710

on at the moment well so if you look at

756

00:35:32,140 --> 00:35:29,900

it so last year's bent spoon winner so

757

00:35:34,600 --> 00:35:32,150

yeah Sarah Stevenson who we all would

758

00:35:36,250 --> 00:35:34,610

have been suing to Sochi her holding it

759

00:35:38,710 --> 00:35:36,260

up by the way she dropped by your place

760

00:35:40,690 --> 00:35:38,720

for a cup of tea no she didn't she

761

00:35:42,940 --> 00:35:40,700

definitely she what we would call sub

762

00:35:46,180 --> 00:35:42,950

tweeted us afterwards which was very

763

00:35:48,400 --> 00:35:46,190

funny but no so she her whole brand is

764

00:35:51,400 --> 00:35:48,410

based off of if you buy the things that

765

00:35:53,170 --> 00:35:51,410

I buy if you act the way that I act then

766

00:35:54,370 --> 00:35:53,180

maybe you will look as amazing as I do

767

00:35:57,460 --> 00:35:54,380

and she does she looks absolutely

768

00:35:59,680 --> 00:35:57,470

incredible but she sells a particular

769

00:36:02,220 --> 00:35:59,690

lifestyle so she sells a brand of

770

00:36:04,870 --> 00:36:02,230

clothing types of makeup types of like

771

00:36:06,760 --> 00:36:04,880

health drink smoothies that kind of

772

00:36:08,320 --> 00:36:06,770

stuff and it's this whole thing if you

773

00:36:11,290 --> 00:36:08,330

do everything I'm doing then how could

774

00:36:13,570 --> 00:36:11,300

you not look like me and hmm and did you

775

00:36:14,830 --> 00:36:13,580

put like an exercise program and that

776

00:36:16,300 --> 00:36:14,840

kind of thing because that is the kind

777

00:36:17,470 --> 00:36:16,310

of thing that's probably gonna make you

778

00:36:19,360 --> 00:36:17,480

look like her more than anything else

779

00:36:21,580 --> 00:36:19,370

any exercise things she's doing oh and

780

00:36:23,260 --> 00:36:21,590

her DNA of course from appearance well

781

00:36:24,940 --> 00:36:23,270

exactly if you were in the genetic

782

00:36:26,920 --> 00:36:24,950

lottery and you look that amazing cuz

783

00:36:28,900 --> 00:36:26,930

even when if a we awarded the bent spoon

784

00:36:30,850 --> 00:36:28,910

to her she was quite heavily pregnant

785

00:36:32,560 --> 00:36:30,860

and she still looked absolutely

786

00:36:33,520 --> 00:36:32,570

fantastic she was still doing yoga like

787

00:36:35,200 --> 00:36:33,530

every day and picking up all these

788

00:36:37,690 --> 00:36:35,210

videos of her bending in all sorts of

789

00:36:38,650 --> 00:36:37,700

ways with this pretty decent bump and I

790

00:36:41,230 --> 00:36:38,660

thought like that's absolutely

791

00:36:42,910 --> 00:36:41,240

incredible however that's gonna add to a

792

00:36:44,470 --> 00:36:42,920

hell of a lot of shame that women will

793

00:36:46,480 --> 00:36:44,480

be feeling if they are not capable of

794

00:36:48,040 --> 00:36:46,490

doing that because you know pregnancy

795

00:36:49,690 --> 00:36:48,050

does take a lot out of you and if you're

796

00:36:52,330 --> 00:36:49,700

just lucky enough that your genes have

797

00:36:54,220 --> 00:36:52,340

given you this almost superpower well

798

00:36:56,140 --> 00:36:54,230

that's great for you and fantastic but

799

00:36:57,970 --> 00:36:56,150

it can really cause quite a lot of body

800

00:37:00,280 --> 00:36:57,980

dysmorphia in other young women it can

801
00:37:01,720 --> 00:37:00,290
cause it lead to eating disorders it can

802
00:37:03,520 --> 00:37:01,730
lead to all sorts of really unhealthy

803
00:37:05,890 --> 00:37:03,530
habits and it's all propagated by this

804
00:37:09,370 --> 00:37:05,900
amazing hashtag no filter but there's a

805
00:37:11,650 --> 00:37:09,380
lot of filters do you think that this is

806
00:37:12,610 --> 00:37:11,660
taking the place of in the supermarket

807
00:37:14,350 --> 00:37:12,620
while you're waiting in the checkout

808
00:37:16,360 --> 00:37:14,360
there's the glamorous magazines at the

809
00:37:18,010 --> 00:37:16,370
front and now it's on your phone and

810
00:37:20,860 --> 00:37:18,020
you're kind of choosing to follow it so

811
00:37:22,900 --> 00:37:20,870
it's more more insidious yeah I tend the

812
00:37:24,760 --> 00:37:22,910
thing is as well like it goes everywhere

813
00:37:25,150 --> 00:37:24,770

you go right your phone is always with

814

00:37:41,410 --> 00:37:25,160

you

815

00:37:44,140 --> 00:37:41,420

there is there's a point to be made that

816

00:37:45,850 --> 00:37:44,150

like perhaps we're dumbing down people

817

00:37:48,160 --> 00:37:45,860

here I'm surely people must know that

818

00:37:49,450 --> 00:37:48,170

what they're watching is a fantasy and

819

00:37:51,310 --> 00:37:49,460

they can't all think that this is

820

00:37:53,530 --> 00:37:51,320

completely real and is achievable to

821

00:37:55,359 --> 00:37:53,540

everybody else is watching surely people

822

00:37:56,830 --> 00:37:55,369

must be able to make that break between

823

00:37:58,240 --> 00:37:56,840

fantasy because they take their own

824

00:37:59,859 --> 00:37:58,250

Instagram photos and they're not going

825

00:38:00,880 --> 00:37:59,869

to put a bad one up well the thing I

826

00:38:02,050 --> 00:38:00,890

think with that is that that's

827

00:38:04,390 --> 00:38:02,060

definitely the case when it comes to

828

00:38:05,740 --> 00:38:04,400

actual celebrities so you know I know

829

00:38:09,390 --> 00:38:05,750

that I'm never gonna look like Angelina

830

00:38:12,040 --> 00:38:09,400

Jolie because she has a whole lips back

831

00:38:15,060 --> 00:38:12,050

and one cheekbone on one side it's

832

00:38:18,310 --> 00:38:15,070

amazing I couldn't afford the other one

833

00:38:20,440 --> 00:38:18,320

but yeah she has like this entire army

834

00:38:22,840 --> 00:38:20,450

of people who make her look as amazing

835

00:38:23,859 --> 00:38:22,850

as she does and so she has the money for

836

00:38:25,780 --> 00:38:23,869

it as well but when you look at these

837

00:38:28,480 --> 00:38:25,790

influences of course when they first

838

00:38:30,520 --> 00:38:28,490

start out they don't have access to that

839

00:38:32,710 --> 00:38:30,530

kind of that money because that's how

840

00:38:34,750 --> 00:38:32,720

it's self-perpetuating so they become

841

00:38:36,760 --> 00:38:34,760

big they have a brand they look amazing

842

00:38:38,590 --> 00:38:36,770

then what happens is these makeup brands

843

00:38:40,450 --> 00:38:38,600

will say oh we will pay you this much if

844

00:38:41,890 --> 00:38:40,460

you start using our foundation or a few

845

00:38:45,040 --> 00:38:41,900

stone of course they want to see your

846

00:38:46,690 --> 00:38:45,050

photos looking good yeah amazing so not

847

00:38:48,609 --> 00:38:46,700

only will they they won't just post you

848

00:38:50,260 --> 00:38:48,619

some foundation and off you go they will

849

00:38:51,670 --> 00:38:50,270

give you tutorials they all go through

850

00:38:53,320 --> 00:38:51,680

everything with you then you obviously

851

00:38:55,120 --> 00:38:53,330

watch tutorials of other people what

852

00:38:57,520 --> 00:38:55,130

they're doing and you then you finesse

853

00:38:59,680 --> 00:38:57,530

your look so even when the influencers

854

00:39:02,740 --> 00:38:59,690

first start out they still look bloody

855

00:39:05,470 --> 00:39:02,750

amazing but they don't have that quite

856

00:39:07,690 --> 00:39:05,480

that polished brand and I think that's

857

00:39:09,550 --> 00:39:07,700

the thing is that when when young girls

858

00:39:10,599 --> 00:39:09,560

look at these images and they scroll all

859

00:39:12,849 --> 00:39:10,609

the way back to the beginning of these

860

00:39:14,500 --> 00:39:12,859

feeds they will see them and go but she

861

00:39:16,660 --> 00:39:14,510

still looked incredible there it's just

862

00:39:19,000 --> 00:39:16,670

maybe her hair wasn't quite as perfect

863

00:39:21,190 --> 00:39:19,010

so that means that I can if I can look

864

00:39:22,840 --> 00:39:21,200

like that then maybe a brand will come

865

00:39:25,840 --> 00:39:22,850

to me and say oh we'll give you our

866

00:39:28,270 --> 00:39:25,850

slimming tea or you know whatever it is

867

00:39:30,490 --> 00:39:28,280

that they're speaking for many years

868

00:39:31,960 --> 00:39:30,500

now when I've been talking to you you'd

869

00:39:33,460 --> 00:39:31,970

get some photos done and go to a

870

00:39:35,290 --> 00:39:33,470

modeling agency to join up

871

00:39:36,790 --> 00:39:35,300

but now pretty much the first question

872

00:39:38,230 --> 00:39:36,800

you will be asked as a young model is

873

00:39:40,599 --> 00:39:38,240

how many followers have you got on

874

00:39:42,160 --> 00:39:40,609

various social medias and that is almost

875

00:39:43,510 --> 00:39:42,170

more important than what you're looking

876

00:39:45,160 --> 00:39:43,520

there might be stuff in the high end

877

00:39:47,080 --> 00:39:45,170

where this certain looks they're looking

878

00:39:48,880 --> 00:39:47,090

for but yeah when you start they wonder

879

00:39:50,109 --> 00:39:48,890

how many how many followers you got yeah

880

00:39:51,880 --> 00:39:50,119

because the whole thing as well with the

881

00:39:54,849 --> 00:39:51,890

internet and with these kind of the

882

00:39:56,650 --> 00:39:54,859

Bran's looks come and go really quickly

883

00:39:57,910 --> 00:39:56,660

as you know like we've had so many

884

00:39:59,470 --> 00:39:57,920

different looks through the years and

885

00:40:01,269 --> 00:39:59,480

like androgynous was a big thing for a

886

00:40:02,650 --> 00:40:01,279

long time and then it became like you

887

00:40:04,000 --> 00:40:02,660

know curvy air and then it went to

888

00:40:06,190 --> 00:40:04,010

slimmer again and this kind of stuff in

889

00:40:10,180 --> 00:40:06,200

the brands that the brand's know that

890

00:40:12,130 --> 00:40:10,190

what people want changes so as you I

891

00:40:13,809 --> 00:40:12,140

guess as you follow these trends you can

892

00:40:14,980 --> 00:40:13,819

tree be putting them at magazines and

893

00:40:16,210 --> 00:40:14,990

doing it the old-school way because by

894

00:40:18,039 --> 00:40:16,220

the time we've printed it and it's gone

895

00:40:19,299 --> 00:40:18,049

to press and someone's bought it we've

896

00:40:20,680 --> 00:40:19,309

moved on again so it needs to be

897

00:40:22,539 --> 00:40:20,690

followers it needs to be online because

898

00:40:24,640 --> 00:40:22,549

these things change so quickly so does

899

00:40:27,430 --> 00:40:24,650

that mean that the way models look now

900

00:40:29,140 --> 00:40:27,440

is out of the hands of gay designers who

901
00:40:31,329 --> 00:40:29,150
like girls with twelve-year-old boy

902
00:40:32,170 --> 00:40:31,339
bodies is that so is that maybe a

903
00:40:34,120 --> 00:40:32,180
positive thing

904
00:40:37,240 --> 00:40:34,130
I wouldn't wanna comment on that but I

905
00:40:38,890 --> 00:40:37,250
think was the go for a while it's opened

906
00:40:40,779 --> 00:40:38,900
doors definitely to a lot more styles

907
00:40:43,450 --> 00:40:40,789
and you now get a lot more like

908
00:40:45,130 --> 00:40:43,460
non-binary or just at least androgynous

909
00:40:47,319 --> 00:40:45,140
kind of looking models which was not

910
00:40:48,640 --> 00:40:47,329
really a thing before and it's nice to

911
00:40:50,559 --> 00:40:48,650
see as well that they are they're kind

912
00:40:52,809 --> 00:40:50,569
of you do get these Instagram accounts

913
00:40:55,299 --> 00:40:52,819

that are embracing body positivity

914

00:40:57,370 --> 00:40:55,309

however body positivity has its own

915

00:41:00,069 --> 00:40:57,380

issues as well because you know you need

916

00:41:01,690 --> 00:41:00,079

to have that sense of are we being

917

00:41:03,339 --> 00:41:01,700

healthy in the way that we're looking at

918

00:41:06,400 --> 00:41:03,349

our bodies mmm it's good because it's

919

00:41:08,769 --> 00:41:06,410

proud to be bigger but then sometimes

920

00:41:10,450 --> 00:41:08,779

that can have health issues as being too

921

00:41:12,069 --> 00:41:10,460

small can be yeah exactly

922

00:41:14,019 --> 00:41:12,079

and also like it's not just about being

923

00:41:16,569 --> 00:41:14,029

bigger is it's just about having a

924

00:41:18,490 --> 00:41:16,579

different body to the perfect type so

925

00:41:21,910 --> 00:41:18,500

like I I had a patient a little while

926
00:41:23,799 --> 00:41:21,920
back who is she was 14 I think and she

927
00:41:24,940 --> 00:41:23,809
was way taller than me and I'm pretty

928
00:41:27,400 --> 00:41:24,950
tall so she was I think she's

929
00:41:28,990 --> 00:41:27,410
approaching 2 meters and she had a

930
00:41:31,390 --> 00:41:29,000
shoulders hunched and she was like

931
00:41:32,950 --> 00:41:31,400
trying to be smaller and I made a

932
00:41:34,720 --> 00:41:32,960
comment about I was like you know wow I

933
00:41:36,940 --> 00:41:34,730
said you are so tall that's amazing and

934
00:41:38,319 --> 00:41:36,950
she was mortified because I guess she

935
00:41:39,789 --> 00:41:38,329
had it in her head but maybe she's been

936
00:41:41,170 --> 00:41:39,799
bullied for it that kind of thing and I

937
00:41:42,490 --> 00:41:41,180
always think like it's such a shame

938
00:41:45,039 --> 00:41:42,500

because you should be positive with what

939

00:41:47,410 --> 00:41:45,049

you've got yes I have noticed that when

940

00:41:49,390 --> 00:41:47,420

I've gone out with tall women they do

941

00:41:51,700 --> 00:41:49,400

have a natural thing to hunch a bit

942

00:41:53,019 --> 00:41:51,710

because they don't want to tower over

943

00:41:55,269 --> 00:41:53,029

the guys for some reason and whether

944

00:41:56,559 --> 00:41:55,279

that's subconscious or whether someone's

945

00:41:58,299 --> 00:41:56,569

actually bullied them about that in

946

00:42:00,940 --> 00:41:58,309

school it's hard to know yeah completely

947

00:42:02,980 --> 00:42:00,950

and and it's not just like a passing

948

00:42:04,670 --> 00:42:02,990

comment can have a lot of damage and if

949

00:42:06,980 --> 00:42:04,680

you are it's gone you know

950

00:42:09,410 --> 00:42:06,990

teenagers are evil right kids generally

951

00:42:12,079 --> 00:42:09,420

are pretty evil and often you sure that

952

00:42:13,549 --> 00:42:12,089

make a big deal about men being horrible

953

00:42:15,140 --> 00:42:13,559

to women but women are pretty horrible

954

00:42:16,880 --> 00:42:15,150

to women in the school environment as

955

00:42:20,809 --> 00:42:16,890

well humans are just generally horrible

956

00:42:22,430 --> 00:42:20,819

bad I mean look look look cats humans

957

00:42:25,640 --> 00:42:22,440

can be as bad as cats sometimes you know

958

00:42:27,410 --> 00:42:25,650

we've got claws definitely yeah well

959

00:42:29,540 --> 00:42:27,420

yeah also it's a very interesting thing

960

00:42:30,829 --> 00:42:29,550

that's being opened up so do you think

961

00:42:31,760 --> 00:42:30,839

there's any sort of what's the solution

962

00:42:33,500 --> 00:42:31,770

for it I mean obviously a bit of

963

00:42:35,839 --> 00:42:33,510

critical thinking is but and that's not

964

00:42:38,240 --> 00:42:35,849

really big on Instagram it's not I think

965

00:42:40,130 --> 00:42:38,250

that you know what the main thing that

966

00:42:43,700 --> 00:42:40,140

would really help in these scenarios is

967

00:42:46,520 --> 00:42:43,710

where is your money coming from so who

968

00:42:48,319 --> 00:42:46,530

is sponsoring you so statement of view

969

00:42:51,200 --> 00:42:48,329

yeah like that kind of sponsor seems

970

00:42:53,870 --> 00:42:51,210

very interest exactly because I think if

971

00:42:55,339 --> 00:42:53,880

if you can scroll back and look at

972

00:42:57,349 --> 00:42:55,349

someone's feed and see when they were

973

00:42:59,359 --> 00:42:57,359

before they were big and see how they

974

00:43:02,180 --> 00:42:59,369

look then and use that as your benchmark

975

00:43:03,799 --> 00:43:02,190

then fine whatever but if you're looking

976

00:43:06,049 --> 00:43:03,809

at you know someone's feed now when

977

00:43:08,120 --> 00:43:06,059

they've had god knows how many thousands

978

00:43:09,920 --> 00:43:08,130

of dollars handed to them but you don't

979

00:43:13,069 --> 00:43:09,930

know that obviously they have been

980

00:43:15,289 --> 00:43:13,079

basically created by a series of brands

981

00:43:16,400 --> 00:43:15,299

right yes and when I have gone on

982

00:43:17,599 --> 00:43:16,410

someone's Instagram and they've got

983

00:43:19,400 --> 00:43:17,609

something that looks rather expensive

984

00:43:22,339 --> 00:43:19,410

it's always that provided by the company

985

00:43:23,900 --> 00:43:22,349

people get really annoyed by that but if

986

00:43:25,299 --> 00:43:23,910

it is provided by the company that

987

00:43:27,530 --> 00:43:25,309

should be something to boast about

988

00:43:30,140 --> 00:43:27,540

absolutely so I watch quite a lot of

989

00:43:31,609 --> 00:43:30,150

guitar videos and you'll often find in

990

00:43:32,960 --> 00:43:31,619

there they will not only tell you

991

00:43:33,920 --> 00:43:32,970

because it's obvious what guitar they're

992

00:43:35,089 --> 00:43:33,930

playing because you can see it but

993

00:43:37,010 --> 00:43:35,099

they'll even tell you what strings I've

994

00:43:38,690 --> 00:43:37,020

got on there they'll tell you like what

995

00:43:39,770 --> 00:43:38,700

pedal they've got yeah the cables that

996

00:43:42,740 --> 00:43:39,780

they're using they'll tell you that

997

00:43:44,299 --> 00:43:42,750

everything down to even the amp settings

998

00:43:45,530 --> 00:43:44,309

before you start they'll tell you okay

999

00:43:47,270 --> 00:43:45,540

this is the amp setting that I'm using

1000

00:43:49,880 --> 00:43:47,280

on this particular hand right whereas

1001
00:43:53,240 --> 00:43:49,890
you don't get that in beauty in fashion

1002
00:43:55,940 --> 00:43:53,250
so much right now Trish and Maine are

1003
00:43:57,920 --> 00:43:55,950
calling for full disclosure in fashion

1004
00:44:00,140 --> 00:43:57,930
shoots absolutely because it's all about

1005
00:44:01,880 --> 00:44:00,150
health and we need to make sure that our

1006
00:44:04,700 --> 00:44:01,890
young people are being brought up

1007
00:44:06,770 --> 00:44:04,710
healthily and to not have these eating

1008
00:44:08,870 --> 00:44:06,780
disorders body dysmorphia anything like

1009
00:44:10,940 --> 00:44:08,880
that because it's coming from us to

1010
00:44:13,460 --> 00:44:10,950
older people down to them and we have a

1011
00:44:15,140 --> 00:44:13,470
responsibility is there anything we can

1012
00:44:16,910 --> 00:44:15,150
close is a website or something that

1013
00:44:17,680 --> 00:44:16,920

looks into this kind of thing or has

1014

00:44:18,790 --> 00:44:17,690

been revealing

1015

00:44:20,740 --> 00:44:18,800

kind of thing do you know that you know

1016

00:44:22,750 --> 00:44:20,750

well I wouldn't a website but there are

1017

00:44:24,220 --> 00:44:22,760

some other influences out there who are

1018

00:44:25,900 --> 00:44:24,230

doing really really good work in this

1019

00:44:28,180 --> 00:44:25,910

regard so one of these people Jameela

1020

00:44:29,320 --> 00:44:28,190

Jamil she's a British actress she's been

1021

00:44:31,210 --> 00:44:29,330

in the good place and a few other things

1022

00:44:32,980 --> 00:44:31,220

as well she's fantastic because she

1023

00:44:34,570 --> 00:44:32,990

openly talks about her struggles with

1024

00:44:36,070 --> 00:44:34,580

eating disorders with abuse and that

1025

00:44:38,350 --> 00:44:36,080

kind of thing and how its shaped her as

1026

00:44:40,150 --> 00:44:38,360

a person and she talks about the fact

1027

00:44:42,520 --> 00:44:40,160

that you know like she looks fantastic

1028

00:44:44,410 --> 00:44:42,530

but she'll say here's why I look

1029

00:44:45,760 --> 00:44:44,420

fantastic you know and she'll talk about

1030

00:44:47,230 --> 00:44:45,770

that how what she did to get there so I

1031

00:45:08,060 --> 00:44:47,240

think people like her are very important

1032

00:45:14,780 --> 00:45:11,890

[Music]

1033

00:45:17,270 --> 00:45:14,790

south coast summer skeptic camp is

1034

00:45:20,510 --> 00:45:17,280

Australia's longest-running skeptic camp

1035

00:45:23,480 --> 00:45:20,520

and in 2020 we're celebrating our eighth

1036

00:45:25,550 --> 00:45:23,490

year if you'd like to share your

1037

00:45:28,460 --> 00:45:25,560

thoughts on a topic or hear from other

1038

00:45:31,220 --> 00:45:28,470

skeptics come and participate on

1039

00:45:35,359 --> 00:45:31,230

February 29th at the aireys inlet

1040

00:45:39,200 --> 00:45:35,369

community center our mix of high-profile

1041

00:45:41,930 --> 00:45:39,210

skeptics and newcomers include Richard

1042

00:45:44,330 --> 00:45:41,940

Saunders podcaster and international

1043

00:45:47,420 --> 00:45:44,340

skeptic will be traveling down from

1044

00:45:50,900 --> 00:45:47,430

Sydney to put strange energies to the

1045

00:45:53,630 --> 00:45:50,910

test now vicars investigator and life

1046

00:45:56,750 --> 00:45:53,640

member of Australian skeptics ask the

1047

00:45:58,700 --> 00:45:56,760

challenging questions how do we know the

1048

00:46:02,090 --> 00:45:58,710

right things to do in public health and

1049

00:46:04,220 --> 00:46:02,100

are they evidenced based Joe and

1050

00:46:07,099 --> 00:46:04,230

Bannerman vice president of the

1051
00:46:10,430 --> 00:46:07,109
Australian skeptics senior clinical

1052
00:46:13,070 --> 00:46:10,440
nurse and master of bioethics will be

1053
00:46:16,460 --> 00:46:13,080
continuing her defence of science in the

1054
00:46:19,220 --> 00:46:16,470
literature and in the wider world the

1055
00:46:21,710 --> 00:46:19,230
Bureau of Meteorology's senior research

1056
00:46:25,670 --> 00:46:21,720
and climate change authorities science

1057
00:46:28,250 --> 00:46:25,680
advisor dr. Scott Power will help you

1058
00:46:29,150 --> 00:46:28,260
bust the myths and get the facts about

1059
00:46:33,290 --> 00:46:29,160
global warming

1060
00:46:35,810 --> 00:46:33,300
retired TAFE educator Tina Hannigan has

1061
00:46:39,290 --> 00:46:35,820
respect for Australia's qualifications

1062
00:46:43,609 --> 00:46:39,300
framework but she's disturbed by xiangqi

1063
00:46:45,880 --> 00:46:43,619

operators and you will be to find out

1064

00:46:48,770 --> 00:46:45,890

how long time sceptic Karl Hemphill

1065

00:46:52,000 --> 00:46:48,780

Crusades for those who are being scammed

1066

00:46:54,770 --> 00:46:52,010

in departing their hard-earned money

1067

00:46:57,620 --> 00:46:54,780

occupational therapists just passion

1068

00:47:00,859 --> 00:46:57,630

killer will make her debut as a speaker

1069

00:47:03,520 --> 00:47:00,869

in the skeptical community she'll talk

1070

00:47:08,010 --> 00:47:03,530

about evidence-based allied health and

1071

00:47:10,950 --> 00:47:08,020

linking her clients to their communities

1072

00:47:14,310 --> 00:47:10,960

Ross Finley a Scottish engineer and

1073

00:47:17,220 --> 00:47:14,320

maths science evangelist will suggest

1074

00:47:20,609 --> 00:47:17,230

that for some maths has been a difficult

1075

00:47:24,870 --> 00:47:20,619

and troublesome child that now wants to

1076

00:47:30,300 --> 00:47:24,880

say sorry and play ball also debuting

1077

00:47:33,540 --> 00:47:30,310

our uncle and our Grove on chef a these

1078

00:47:36,090 --> 00:47:33,550

students of dr. ken Harvey will continue

1079

00:47:44,280 --> 00:47:36,100

to wax on key medical claimants and

1080

00:47:47,010 --> 00:47:44,290

other moles back into the ground South

1081

00:47:51,980 --> 00:47:47,020

Coast summer skeptic camp is fascinating

1082

00:47:56,150 --> 00:47:51,990

friendly and free so come for the day or

1083

00:48:02,150 --> 00:47:56,160

stay for the weekend register now at

1084

00:48:03,790 --> 00:48:02,160

tiny URL comm slash skeptic camp be

1085

00:48:13,060 --> 00:48:03,800

triple-i

1086

00:48:13,070 --> 00:48:22,460

[Music]

1087

00:48:27,720 --> 00:48:25,109

thank you for listening to the skeptic

1088

00:48:31,230 --> 00:48:27,730

zone now when I was at skeptic on 2019

1089

00:48:33,030 --> 00:48:31,240

not that long ago I worked with Adam

1090

00:48:35,310 --> 00:48:33,040

Ford who was doing some of the audio

1091

00:48:38,640 --> 00:48:35,320

video work there and during the course

1092

00:48:42,540 --> 00:48:38,650

of the convention he took time out to

1093

00:48:44,550 --> 00:48:42,550

interview me and there's a link to that

1094

00:48:47,579 --> 00:48:44,560

interview in this week's show notes a

1095

00:48:50,609 --> 00:48:47,589

video interview and it's called Richard

1096

00:48:54,599 --> 00:48:50,619

Saunders skepticism vintage whoo and

1097

00:48:56,880 --> 00:48:54,609

fake news now I hope I hope I'm the

1098

00:49:00,930 --> 00:48:56,890

first one who's come up with this term

1099

00:49:03,000 --> 00:49:00,940

vintage whoo when talking about ghosts

1100

00:49:06,810 --> 00:49:03,010

and UFOs and Bigfoot and things like

1101

00:49:09,630 --> 00:49:06,820

that and I admitted since PI the term is

1102

00:49:11,820 --> 00:49:09,640

inspired by a youtube channel I follow

1103

00:49:14,750 --> 00:49:11,830

called vintage space which is very

1104

00:49:17,160 --> 00:49:14,760

entertaining there you go vintage whoo

1105

00:49:19,829 --> 00:49:17,170

anyway if you head to this week's show

1106

00:49:22,280 --> 00:49:19,839

notes and click on the link to YouTube

1107

00:49:24,870 --> 00:49:22,290

you can see that interview for yourself

1108

00:49:27,750 --> 00:49:24,880

coming up on next week's show I hope to

1109

00:49:31,290 --> 00:49:27,760

bring you interviews from surf coast

1110

00:49:32,880 --> 00:49:31,300

summer skeptic Camp eight I'm packing my

1111

00:49:34,290 --> 00:49:32,890

bags and I'll be spending a couple of

1112

00:49:37,500 --> 00:49:34,300

days in Melbourne with my good friend

1113

00:49:40,200 --> 00:49:37,510

dr. Steve Roberts longtime skeptic and

1114

00:49:42,180 --> 00:49:40,210

UFO expert then heading off to a Lee's

1115

00:49:45,560 --> 00:49:42,190

Inlet to take part in the skeptic app

1116

00:49:48,210 --> 00:49:45,570

I'll be talking about strange energies

1117

00:49:50,400 --> 00:49:48,220

strange energies the Australian skeptics

1118

00:49:52,560 --> 00:49:50,410

have encountered or should I say the

1119

00:49:54,720 --> 00:49:52,570

claims of strange energies Australian

1120

00:49:59,390 --> 00:49:54,730

skeptics have encountered and everybody

1121

00:50:03,540 --> 00:49:59,400

there will get to put to the test the

1122

00:50:07,980 --> 00:50:03,550

premium wind card this is a credit card

1123

00:50:11,940 --> 00:50:07,990

sized metallic card that you and I kid

1124

00:50:15,030 --> 00:50:11,950

you not you rub on the side of a glass a

1125

00:50:19,020 --> 00:50:15,040

tumbler a wine glass or any other glass

1126

00:50:20,210 --> 00:50:19,030

and improve the taste of the liquid

1127

00:50:22,710 --> 00:50:20,220

inside

1128

00:50:25,320 --> 00:50:22,720

sounds too good to be true we'll be

1129

00:50:26,790 --> 00:50:25,330

testing that at skeptic amp links in

1130

00:50:28,530 --> 00:50:26,800

this week's show notes lots of other

1131

00:50:29,730 --> 00:50:28,540

great speakers as well as you would have

1132

00:50:32,280 --> 00:50:29,740

heard in this week's episode of the

1133

00:50:34,590 --> 00:50:32,290

skeptic zone and I'm sure we're

1134

00:50:37,320 --> 00:50:34,600

have a fabulous time if you are coming

1135

00:50:40,110 --> 00:50:37,330

to skeptic camp please come up and say

1136

00:50:41,940 --> 00:50:40,120

hello I believe there will be a little

1137

00:50:44,070 --> 00:50:41,950

table set aside for me to do some work

1138

00:50:46,950 --> 00:50:44,080

during the skeptic am probably editing

1139

00:50:50,910 --> 00:50:46,960

the show and I'll have served my origami

1140

00:50:54,210 --> 00:50:50,920

on display as well and that origami

1141

00:50:56,400 --> 00:50:54,220

which is in the form of flying Pegasus

1142

00:50:59,510 --> 00:50:56,410

earrings and dinosaurs and elephants and

1143

00:51:04,080 --> 00:50:59,520

things like that that all helps me to

1144

00:51:06,810 --> 00:51:04,090

keep the skeptic zone going as well as a

1145

00:51:10,470 --> 00:51:06,820

course your generous support via patreon

1146

00:51:12,560 --> 00:51:10,480

or PayPal at skeptics on TV and thank

1147

00:51:15,330 --> 00:51:12,570

you to those people who do regularly

1148

00:51:17,610 --> 00:51:15,340

send me money via micro payments and

1149

00:51:20,490 --> 00:51:17,620

those people who have signed up with

1150

00:51:22,860 --> 00:51:20,500

patreon thank you very much and if

1151
00:51:24,870 --> 00:51:22,870
you've ever thought to yourself maybe I

1152
00:51:27,240 --> 00:51:24,880
should support the skeptic zone that's a

1153
00:51:29,100 --> 00:51:27,250
good thought believe me that's a very

1154
00:51:31,950 --> 00:51:29,110
good thought and I hope you would

1155
00:51:34,050 --> 00:51:31,960
consider doing that and of course Elly's

1156
00:51:37,170 --> 00:51:34,060
Inlet and the surrounding area is a

1157
00:51:37,890 --> 00:51:37,180
famous tourist destination good for long

1158
00:51:40,790 --> 00:51:37,900
walks

1159
00:51:43,980 --> 00:51:40,800
I hear especially along the beach

1160
00:51:44,520 --> 00:51:43,990
looking forward to that but for this

1161
00:51:46,890 --> 00:51:44,530
week

1162
00:51:53,520 --> 00:51:46,900
this is Richard Saunders signing off

1163
00:51:55,560 --> 00:51:53,530

from Sydney Australia you've been

1164

00:52:02,490 --> 00:51:55,570

listening to the skeptic zone podcast

1165

00:52:04,950 --> 00:52:02,500

please visit our website at wwlp.com tax

1166

00:52:09,000 --> 00:52:04,960

and to access the bat catalogue of

1167

00:52:10,710 --> 00:52:09,010

episodes going back to 2008 you can

1168

00:52:13,770 --> 00:52:10,720

follow the skeptic zone podcast on

1169

00:52:16,050 --> 00:52:13,780

twitter at skeptic zone visit our

1170

00:52:19,410 --> 00:52:16,060

facebook page or leave a review on

1171

00:52:22,800 --> 00:52:19,420

itunes you can also support the skeptic

1172

00:52:25,140 --> 00:52:22,810

zone via patreon or paypal the skeptic

1173

00:52:27,090 --> 00:52:25,150

zone podcast is an independent

1174

00:52:29,310 --> 00:52:27,100

production reviews and opinions

1175

00:52:31,440 --> 00:52:29,320

expressed on the skeptic zone are not

1176
00:52:34,380 --> 00:52:31,450
necessarily those of Australian skeptics

1177
00:52:45,780 --> 00:52:34,390
or any other sceptical organisation

1178
00:52:54,900 --> 00:52:48,060
comes up quite a lot of these on the

1179
00:52:59,990 --> 00:52:54,910
sceptic zone podcast Pussycats what are

1180
00:53:05,670 --> 00:53:00,000
you doing I'm trying to record a show

1181
00:53:07,910 --> 00:53:05,680
hmm and are you trying to help what are

1182
00:53:11,790 --> 00:53:07,920
you doing here

1183
00:53:13,650 --> 00:53:11,800
you wanna help me with the show yeah

1184
00:53:18,480 --> 00:53:13,660
when you put a lie on the floor and

1185
00:53:21,120 --> 00:53:18,490
scratch the carpet making noise hmm goes

1186
00:53:25,730 --> 00:53:21,130
fresh there you are

1187
00:53:25,740 --> 00:53:29,880
how about that