



Episode 613

THE SKEPTIC ZONE PODCAST

www.skepticzone.tv

12 June 2020

Michelle Franklin
Water Divining

Michelle Bijkersma
Melbourne and the Mask

Typewriter Time - Flat Earth?

The Cass Files
State of the Union

Logical Fallacies
with Michelle Bijkersma
"Tu Quoque Fallacy"

The Book of Tim
Monsters and Mysteries



1
00:00:11,860 --> 00:00:09,120
welcome to the skeptic zone the podcast

2
00:00:13,940 --> 00:00:11,870
from Australia for science and reason

3
00:00:16,840 --> 00:00:13,950
[Music]

4
00:00:23,070 --> 00:00:16,850
[Applause]

5
00:00:25,510 --> 00:00:23,080
[Music]

6
00:00:29,280 --> 00:00:25,520
yes it's the skeptic zone podcast

7
00:00:31,269 --> 00:00:29,290
episode number 613 and not unlucky

8
00:00:33,310 --> 00:00:31,279
richardsaunders coming to you from

9
00:00:35,440 --> 00:00:33,320
Sydney Australia although in the last

10
00:00:37,600 --> 00:00:35,450
couple of days I've been in Newcastle

11
00:00:39,940 --> 00:00:37,610
which is a little bit up the coast

12
00:00:43,660 --> 00:00:39,950
visiting my friend and report a maenad

13
00:00:46,000 --> 00:00:43,670

and I helped produce one of his live mad

14

00:00:48,310 --> 00:00:46,010

clubs he's one man mad club in this case

15

00:00:50,890 --> 00:00:48,320

it was a two-man mad Club Maynard was

16

00:00:54,310 --> 00:00:50,900

the star of the show for more on that

17

00:00:56,860 --> 00:00:54,320

and to see their bizarre wacky crazy

18

00:01:00,540 --> 00:00:56,870

show that may not put together head to

19

00:01:02,439 --> 00:01:00,550

manor calm dot a you and those who sword

20

00:01:05,920 --> 00:01:02,449

know what I mean

21

00:01:07,330 --> 00:01:05,930

but coming up on this week's show we're

22

00:01:08,920 --> 00:01:07,340

gonna kick off with our reporter

23

00:01:12,760 --> 00:01:08,930

Michelle Franklin in the Northern

24

00:01:15,570 --> 00:01:12,770

Territory and the topic dear to my heart

25

00:01:17,920 --> 00:01:15,580

water divining and water dowsing and

26

00:01:21,880 --> 00:01:17,930

Michelle sort of has a bit of a rant

27

00:01:24,819 --> 00:01:21,890

about the problems she faces in that

28

00:01:27,730 --> 00:01:24,829

part of the country having to dig down

29

00:01:30,130 --> 00:01:27,740

to find water and she poses a very

30

00:01:33,219 --> 00:01:30,140

interesting question she wonders as

31

00:01:36,639 --> 00:01:33,229

you'll hear if it's time for the

32

00:01:39,760 --> 00:01:36,649

skeptics to have another major water

33

00:01:41,889 --> 00:01:39,770

divining test what do you think anyway

34

00:01:45,190 --> 00:01:41,899

coming up at the top of the show life is

35

00:01:47,099 --> 00:01:45,200

wild with Michelle Franklin following

36

00:01:49,690 --> 00:01:47,109

that it's Michelle big asthma this time

37

00:01:52,179 --> 00:01:49,700

Michelle's gonna be talking about face

38

00:01:55,359 --> 00:01:52,189

masks in the city where she's living

39

00:01:57,069 --> 00:01:55,369

Melbourne because Melbourne much of

40

00:02:00,749 --> 00:01:57,079

Melbourne has gone back into lockdown

41

00:02:05,050 --> 00:02:00,759

for six weeks because of the very

42

00:02:06,520 --> 00:02:05,060

troubling surge of coronavirus I don't

43

00:02:10,630 --> 00:02:06,530

know if they're calling this the second

44

00:02:12,670 --> 00:02:10,640

wave or if it's just a resurgence of the

45

00:02:14,740 --> 00:02:12,680

first wave or a bump or I don't know

46

00:02:16,900 --> 00:02:14,750

what it is but a lot of people in

47

00:02:19,120 --> 00:02:16,910

Melbourne are very worried of course but

48

00:02:22,180 --> 00:02:19,130

Michelle's gonna be talking about masks

49

00:02:25,809 --> 00:02:22,190

and she is now sporting a very

50

00:02:27,880 --> 00:02:25,819

fashionable mask herself find out more

51
00:02:30,790 --> 00:02:27,890
with Michelle because mark coming up a

52
00:02:32,670 --> 00:02:30,800
bit later on then we have some lunatic

53
00:02:34,600 --> 00:02:32,680
flying in a plane

54
00:02:36,940 --> 00:02:34,610
wondering about the shape of the earth

55
00:02:38,949 --> 00:02:36,950
hmm we'll get to that a bit later I'm

56
00:02:41,619 --> 00:02:38,959
not sure that's all about and then we

57
00:02:42,160 --> 00:02:41,629
have the Kaz files with dr. Cassandra

58
00:02:44,740 --> 00:02:42,170
Perryman

59
00:02:46,899 --> 00:02:44,750
and this is a very this is quite a

60
00:02:49,330 --> 00:02:46,909
departure on the sceptic zone normally

61
00:02:51,250 --> 00:02:49,340
we don't have very political things at

62
00:02:55,270 --> 00:02:51,260
all we sort of stick to science reason

63
00:02:57,190 --> 00:02:55,280

and whatever but you know what in this

64

00:02:58,960 --> 00:02:57,200

case I'm willing to make an exception

65

00:03:02,039 --> 00:02:58,970

for dr. Kara's I think she makes some

66

00:03:06,210 --> 00:03:02,049

very good points about the current

67

00:03:08,710 --> 00:03:06,220

administration in the United States and

68

00:03:11,740 --> 00:03:08,720

well I wonder what you think of this

69

00:03:14,520 --> 00:03:11,750

this report it's quite eye-opening and I

70

00:03:17,199 --> 00:03:14,530

learned a lot that's the case files and

71

00:03:19,960 --> 00:03:17,209

Michelle because Maher returns with her

72

00:03:22,539 --> 00:03:19,970

regular logical fallacies this week

73

00:03:25,539 --> 00:03:22,549

Michelle looks at the fallacy of to

74

00:03:28,720 --> 00:03:25,549

quote way which is also known as the

75

00:03:32,229 --> 00:03:28,730

appeal to hypocrisy or also known as

76
00:03:34,569 --> 00:03:32,239
look who's talking very popular segment

77
00:03:35,409 --> 00:03:34,579
that's logical fallacies with Michelle

78
00:03:38,080 --> 00:03:35,419
Vickers MA

79
00:03:40,509 --> 00:03:38,090
then the ran off the show it's the book

80
00:03:42,250 --> 00:03:40,519
of Tim with Tim Mendham once more

81
00:03:44,979 --> 00:03:42,260
looking into the pages of the skeptic

82
00:03:48,009 --> 00:03:44,989
magazine with the what goes round

83
00:03:52,390 --> 00:03:48,019
section but now it's time for me to run

84
00:03:58,869 --> 00:03:52,400
downstairs and enjoy

85
00:04:02,350 --> 00:03:58,879
a nice hot buttered crumpet with a

86
00:04:06,910 --> 00:04:02,360
little bit of yes yes yes of course

87
00:04:11,530 --> 00:04:06,920
a Vegemite Eva that door um maybe some

88
00:04:14,410 --> 00:04:11,540

honey I quite like honey hmm

89

00:04:15,510 --> 00:04:14,420

all I do that I hope you enjoy the

90

00:04:37,350 --> 00:04:15,520

skeptic zone

91

00:04:52,810 --> 00:04:37,360

[Music]

92

00:04:55,510 --> 00:04:52,820

life is wild with Michelle Franklin hi

93

00:04:58,150 --> 00:04:55,520

this is Michelle Franklin reporting from

94

00:05:00,580 --> 00:04:58,160

the Northern Territory I don't have any

95

00:05:02,440 --> 00:05:00,590

wildlife stories to talk about today but

96

00:05:04,210 --> 00:05:02,450

I'm feeling pretty frustrated and I

97

00:05:08,000 --> 00:05:04,220

think I need to take a leaf out of dr.

98

00:05:13,600 --> 00:05:08,010

Pauly's playbook and have a random rant

99

00:05:17,959 --> 00:05:16,339

where I live there's no access to town

100

00:05:20,629 --> 00:05:17,969

water so we have to be self-sufficient

101
00:05:22,549 --> 00:05:20,639
in that regard it's usually pretty

102
00:05:24,589 --> 00:05:22,559
simple you pay somebody they drill your

103
00:05:25,600 --> 00:05:24,599
bore and you're set for about thirty

104
00:05:32,329 --> 00:05:25,610
years

105
00:05:33,829 --> 00:05:32,339
old and I'm considering my options there

106
00:05:36,499 --> 00:05:33,839
are lots of problems associated with

107
00:05:38,659 --> 00:05:36,509
bore water one being that the population

108
00:05:41,089 --> 00:05:38,669
around me is growing there are lots of

109
00:05:43,279 --> 00:05:41,099
people and lots of businesses sinking

110
00:05:44,839 --> 00:05:43,289
new bores every day which means that

111
00:05:47,689 --> 00:05:44,849
it's getting harder and harder to get

112
00:05:49,669 --> 00:05:47,699
reliable water also climate change is

113
00:05:51,889 --> 00:05:49,679

increasing the likelihood of poor rain

114

00:05:55,399 --> 00:05:51,899

years which also impacts on water

115

00:05:57,259 --> 00:05:55,409

reliability my ball is on its last legs

116

00:06:00,290 --> 00:05:57,269

and I need to make a decision about a

117

00:06:02,299 --> 00:06:00,300

new one but when I'm making an

118

00:06:05,329 --> 00:06:02,309

investment this size I don't want to

119

00:06:07,790 --> 00:06:05,339

make the wrong choice there are plenty

120

00:06:09,469 --> 00:06:07,800

of experts around and actually having

121

00:06:12,109 --> 00:06:09,479

the board drilled is a simple process

122

00:06:15,290 --> 00:06:12,119

but choosing the location is a lot less

123

00:06:17,959 --> 00:06:15,300

simple besides looking up aquifers in my

124

00:06:21,829 --> 00:06:17,969

local area I have no idea how to choose

125

00:06:23,600 --> 00:06:21,839

a spot I'm lucky enough to have found a

126

00:06:25,040 --> 00:06:23,610

driller who doesn't believe in magic so

127

00:06:26,779 --> 00:06:25,050

at least I can have a sensible

128

00:06:30,109 --> 00:06:26,789

conversation with him about the pros and

129

00:06:31,909 --> 00:06:30,119

cons of drilling at the original site it

130

00:06:34,850 --> 00:06:31,919

seems the most obvious choice to put the

131

00:06:36,379 --> 00:06:34,860

new Boris I'd the old one I know that

132

00:06:39,019 --> 00:06:36,389

one worked for a long time so it's

133

00:06:41,029 --> 00:06:39,029

probably not a bad spot and I already

134

00:06:43,009 --> 00:06:41,039

have all the electricity and pipelines

135

00:06:44,659 --> 00:06:43,019

running to that location so it would be

136

00:06:49,129 --> 00:06:44,669

a lot cheaper than laying new

137

00:06:51,529 --> 00:06:49,139

underground lines to the new spot but if

138

00:06:53,779 --> 00:06:51,539

I want to try a new location the driller

139

00:06:55,730 --> 00:06:53,789

isn't going to help me with that his job

140

00:06:57,679 --> 00:06:55,740

is to dig hidden he doesn't want the

141

00:07:00,949 --> 00:06:57,689

responsibility of choosing where that is

142

00:07:02,959 --> 00:07:00,959

I know my best option is to look up

143

00:07:06,259 --> 00:07:02,969

aquifer locations and look at the height

144

00:07:08,629 --> 00:07:06,269

and position of my neighboring bores but

145

00:07:10,579 --> 00:07:08,639

ultimately it's up to me to choose a

146

00:07:13,730 --> 00:07:10,589

spot and hope for the best

147

00:07:15,859 --> 00:07:13,740

I know there are bigger problems in the

148

00:07:18,379 --> 00:07:15,869

world right now than where to dig a hole

149

00:07:20,600 --> 00:07:18,389

but I'm finding it extremely frustrating

150

00:07:22,339 --> 00:07:20,610

but I can't just bring it up in casual

151
00:07:25,189 --> 00:07:22,349
conversation with friends and neighbors

152
00:07:25,610 --> 00:07:25,199
just say hey I have this problem

153
00:07:27,830 --> 00:07:25,620
what are

154
00:07:30,620 --> 00:07:27,840
I reckon I should do because seriously

155
00:07:32,840 --> 00:07:30,630
every time I do no matter who it is the

156
00:07:36,020 --> 00:07:32,850
person knows someone who could dine for

157
00:07:38,360 --> 00:07:36,030
me I've heard all the stories my dad

158
00:07:40,370 --> 00:07:38,370
taught me how it's really easy you just

159
00:07:43,820 --> 00:07:40,380
think the word water and the wires move

160
00:07:46,430 --> 00:07:43,830
as you cross really that's amazing

161
00:07:48,700 --> 00:07:46,440
did you test it on areas where you can

162
00:07:54,740 --> 00:07:48,710
check to see if there's water or not

163
00:07:57,050 --> 00:07:54,750

no why not my neighbor used this guy I

164

00:07:59,810 --> 00:07:57,060

could get to his number if you want he

165

00:08:03,080 --> 00:07:59,820

just used two wires and hit water at 60

166

00:08:04,490 --> 00:08:03,090

meters seriously in Howard Springs you

167

00:08:07,550 --> 00:08:04,500

hit water in a town called Howard

168

00:08:09,830 --> 00:08:07,560

Springs or fancy that what are the odds

169

00:08:12,980 --> 00:08:09,840

it must have been the magic guy who took

170

00:08:15,740 --> 00:08:12,990

your neighbor's money hey well my dad

171

00:08:18,980 --> 00:08:15,750

can do it he gets water every time he's

172

00:08:20,120 --> 00:08:18,990

been doing it for 50 years really do you

173

00:08:23,779 --> 00:08:20,130

think he could do it under test

174

00:08:26,330 --> 00:08:23,789

conditions yeah does he want \$100,000 no

175

00:08:29,320 --> 00:08:26,340

oh because he can't be bothered getting

176

00:08:31,940 --> 00:08:29,330

tested okay that makes total sense

177

00:08:34,459 --> 00:08:31,950

honestly this is the easiest form of

178

00:08:36,740 --> 00:08:34,469

confirmation bias I can think of because

179

00:08:38,630 --> 00:08:36,750

all you have to do is keep digging and

180

00:08:42,409 --> 00:08:38,640

eventually you're gonna hit an aquifer

181

00:08:45,320 --> 00:08:42,419

and at \$200 per meter for drilling and

182

00:08:47,990 --> 00:08:45,330

capping why would you want to check

183

00:08:50,150 --> 00:08:48,000

let's just start digging and whatever

184

00:08:52,040 --> 00:08:50,160

happens you're right plus I get to pay

185

00:08:53,260 --> 00:08:52,050

you for the honor of not helping me at

186

00:08:56,030 --> 00:08:53,270

all

187

00:08:57,470 --> 00:08:56,040

every time I bring this up and someone

188

00:08:59,540 --> 00:08:57,480

offers to hook me up with their

189

00:09:02,720 --> 00:08:59,550

neighbors mates dad who can divine for

190

00:09:05,180 --> 00:09:02,730

me I've told them about that time way

191

00:09:07,100 --> 00:09:05,190

back before I was even born when James

192

00:09:08,690 --> 00:09:07,110

Randi and Dick Smith and the first few

193

00:09:10,910 --> 00:09:08,700

members of the Australian skeptics

194

00:09:13,310 --> 00:09:10,920

offered \$50,000 to anyone who could

195

00:09:14,990 --> 00:09:13,320

divine for water for real and they

196

00:09:18,410 --> 00:09:15,000

always seemed surprised to hear that no

197

00:09:20,210 --> 00:09:18,420

one was able to do it this is what

198

00:09:22,880 --> 00:09:20,220

really bothers me they're not stupid

199

00:09:24,500 --> 00:09:22,890

people these people who I talked to some

200

00:09:27,440 --> 00:09:24,510

of them have science degrees and they're

201

00:09:29,540 --> 00:09:27,450

actually very intelligent but they've

202

00:09:31,820 --> 00:09:29,550

always just accepted that people who old

203

00:09:34,100 --> 00:09:31,830

sticks and think the magic word can find

204

00:09:37,040 --> 00:09:34,110

water by just walking around and hoping

205

00:09:38,690 --> 00:09:37,050

for it when you explain the test to them

206

00:09:39,380 --> 00:09:38,700

they seem perfectly capable of

207

00:09:42,200 --> 00:09:39,390

understanding

208

00:09:44,540 --> 00:09:42,210

scientific method of testing but until

209

00:09:45,920 --> 00:09:44,550

that moment they'd never even considered

210

00:09:48,590 --> 00:09:45,930

that this was something that needed to

211

00:09:50,870 --> 00:09:48,600

be tested it's just normal to pay

212

00:09:52,490 --> 00:09:50,880

someone to conduct a magic ritual on

213

00:09:54,200 --> 00:09:52,500

your property and make a financial

214

00:09:56,840 --> 00:09:54,210

decision on your behalf based on the

215

00:09:58,490 --> 00:09:56,850

outcome of their magic spell I'm

216

00:10:01,580 --> 00:09:58,500

honestly thinking it might be time to

217

00:10:03,830 --> 00:10:01,590

repeat the tests I think it's been too

218

00:10:07,310 --> 00:10:03,840

long and people have forgotten that all

219

00:10:09,800 --> 00:10:07,320

this is just BS maybe we need another

220

00:10:13,220 --> 00:10:09,810

public stunt like the original divining

221

00:10:14,300 --> 00:10:13,230

test from 1980 and remind people how

222

00:10:16,910 --> 00:10:14,310

ridiculous this is

223

00:10:19,070 --> 00:10:16,920

I don't know maybe I should just keep my

224

00:10:21,190 --> 00:10:19,080

mouth shut pick a spot pay the driller

225

00:10:24,230 --> 00:10:21,200

and hope for the best

226

00:10:25,760 --> 00:10:24,240

I'll tell you what though I would love

227

00:10:27,920 --> 00:10:25,770

to see a diviner who offers our

228

00:10:29,990 --> 00:10:27,930

money-back guarantee how great would it

229

00:10:32,480 --> 00:10:30,000

be to pay someone and I'd be willing to

230

00:10:34,670 --> 00:10:32,490

pay a fair bid if someone could

231

00:10:38,810 --> 00:10:34,680

guarantee me water at 60 meters or

232

00:10:41,210 --> 00:10:38,820

higher any more than 60 and the rest of

233

00:10:42,740 --> 00:10:41,220

the drillings free but of course no

234

00:10:44,900 --> 00:10:42,750

one's going to offer that because deep

235

00:10:47,900 --> 00:10:44,910

down they all know that they're just as

236

00:10:49,730 --> 00:10:47,910

likely to be wrong as I am that's why

237

00:10:51,800 --> 00:10:49,740

the driller told me to budget for 20

238

00:10:54,560 --> 00:10:51,810

grand and have a bit more saved up just

239

00:10:56,270 --> 00:10:54,570

in case it goes deeper than that he

240

00:10:58,100 --> 00:10:56,280

knows that there's no guarantees in this

241

00:10:59,440 --> 00:10:58,110

game and at least he's not trying to

242

00:11:02,360 --> 00:10:59,450

sell me false hope

243

00:11:04,280 --> 00:11:02,370

anyway as per usual I don't have any

244

00:11:06,020 --> 00:11:04,290

solutions I'm just using this

245

00:11:08,450 --> 00:11:06,030

sympathetic audience to vent my

246

00:11:10,340 --> 00:11:08,460

frustration in a safe space where I know

247

00:11:12,860 --> 00:11:10,350

that at least in the skeptic community

248

00:11:14,720 --> 00:11:12,870

we remember the basics of checking that

249

00:11:16,840 --> 00:11:14,730

something works before you risk a

250

00:11:19,670 --> 00:11:16,850

buttload of money on it

251
00:11:21,710 --> 00:11:19,680
so for now I'm just gonna lift my pump

252
00:11:23,390 --> 00:11:21,720
up clean out the silt and hope I can get

253
00:11:24,770 --> 00:11:23,400
a few more months worth of water out of

254
00:11:27,920 --> 00:11:24,780
it before the rain comes back in

255
00:11:30,050 --> 00:11:27,930
November until then all I can do is hope

256
00:11:33,900 --> 00:11:30,060
for the best and keep saving up for a

257
00:11:39,280 --> 00:11:36,790
thanks for humoring me and please stay

258
00:11:53,829 --> 00:11:39,290
safe out there and wash your hands with

259
00:11:55,840 --> 00:11:53,839
soap and water if you can I'm Mick West

260
00:11:57,429 --> 00:11:55,850
in my podcast tales from the rabbit hole

261
00:11:58,569 --> 00:11:57,439
I have extended conversations with

262
00:12:00,550 --> 00:11:58,579
people who've been involved in

263
00:12:02,170 --> 00:12:00,560

conspiracy culture I do this for a

264

00:12:03,429 --> 00:12:02,180

couple of reasons firstly because it's

265

00:12:05,230 --> 00:12:03,439

really interesting these people have

266

00:12:06,910 --> 00:12:05,240

great stories about how they fell down

267

00:12:08,650 --> 00:12:06,920

the conspiracy theory rabbit hole while

268

00:12:10,480 --> 00:12:08,660

they did down there and what it was that

269

00:12:12,009 --> 00:12:10,490

helped them out sometimes I also talked

270

00:12:13,030 --> 00:12:12,019

to people who investigate conspiracy

271

00:12:14,619 --> 00:12:13,040

theories and they have equally

272

00:12:16,929 --> 00:12:14,629

fascinating stories from the other side

273

00:12:18,429 --> 00:12:16,939

secondly I want to understand how best

274

00:12:19,960 --> 00:12:18,439

to prevent the spread of conspiracy

275

00:12:21,519 --> 00:12:19,970

theories and misinformation which is an

276

00:12:24,009 --> 00:12:21,529

increasing problem in a time when

277

00:12:25,210 --> 00:12:24,019

alternative media is exploding the best

278

00:12:27,550 --> 00:12:25,220

way to do this is to communicate

279

00:12:29,740 --> 00:12:27,560

effectively with the people involved and

280

00:12:31,720 --> 00:12:29,750

the best way to do that with a nice long

281

00:12:35,950 --> 00:12:31,730

chat check it out

282

00:12:52,220 --> 00:12:35,960

tales from the rabbit hole TFG RH com

283

00:12:57,480 --> 00:12:55,830

hello this is Michelle because ma you

284

00:12:59,730 --> 00:12:57,490

normally hear me on the logical

285

00:13:01,710 --> 00:12:59,740

fallacies segment and I'll be doing

286

00:13:04,860 --> 00:13:01,720

another one later on in this episode of

287

00:13:06,390 --> 00:13:04,870

the skeptics up but right now I'd like

288

00:13:14,340 --> 00:13:06,400

to talk about what's going on with

289

00:13:18,750 --> 00:13:16,830

over the last couple of weeks I've been

290

00:13:21,150 --> 00:13:18,760

impressed that locking down and

291

00:13:24,330 --> 00:13:21,160

ring-fencing suburbs that are hotspots

292

00:13:27,000 --> 00:13:24,340

fork over 19 has been a really targeted

293

00:13:31,050 --> 00:13:27,010

approach that spared everyone else in

294

00:13:34,680 --> 00:13:31,060

Melbourne a city of 5 million people the

295

00:13:37,140 --> 00:13:34,690

burden of lock down again the strategy

296

00:13:40,290 --> 00:13:37,150

included bringing tests to the residents

297

00:13:43,550 --> 00:13:40,300

with mobile units or directing them to

298

00:13:45,990 --> 00:13:43,560

the nearest convenient testing site and

299

00:13:49,530 --> 00:13:46,000

Department of Health and Human Services

300

00:13:53,120 --> 00:13:49,540

staff were mobilized to knock on doors

301
00:13:56,550 --> 00:13:53,130
in order to encourage or in some cases

302
00:14:00,600 --> 00:13:56,560
attempt to convince people to undergo

303
00:14:04,500 --> 00:14:00,610
testing contact tracers are an essential

304
00:14:07,280 --> 00:14:04,510
part of this process - and a numbered in

305
00:14:10,530 --> 00:14:07,290
the thousands in the state of Victoria

306
00:14:12,690 --> 00:14:10,540
like everyone else I was hopeful that

307
00:14:14,970 --> 00:14:12,700
this was going to be enough to keep the

308
00:14:19,800 --> 00:14:14,980
spread of the novel coronavirus well

309
00:14:22,010 --> 00:14:19,810
under control however recently a sense

310
00:14:24,810 --> 00:14:22,020
of here we go again

311
00:14:27,420 --> 00:14:24,820
started to creep into my thinking a

312
00:14:30,540 --> 00:14:27,430
supply started to disappear from the

313
00:14:36,630 --> 00:14:30,550

shelves once again you'll never guess

314

00:14:39,930 --> 00:14:36,640

what it was yes toilet paper I never

315

00:14:42,660 --> 00:14:39,940

miss an episode of corona cast the ABC

316

00:14:44,910 --> 00:14:42,670

nightly 10-minute show that takes a deep

317

00:14:47,910 --> 00:14:44,920

dive into the most recent issues

318

00:14:51,060 --> 00:14:47,920

surrounding the virus and for some time

319

00:14:53,760 --> 00:14:51,070

now dr. Norman Swan has been advocating

320

00:14:57,230 --> 00:14:53,770

the use of masks when social distancing

321

00:15:00,270 --> 00:14:57,240

is difficult or went out in public

322

00:15:02,670 --> 00:15:00,280

especially in indoor environments such

323

00:15:06,780 --> 00:15:02,680

as shopping malls and on public

324

00:15:09,600 --> 00:15:06,790

transport I began to feel that it was

325

00:15:13,170 --> 00:15:09,610

only a matter of time before this will

326

00:15:16,590 --> 00:15:13,180

become policy and so I'm not wanting to

327

00:15:20,760 --> 00:15:16,600

risk later delays in the mail I hopped

328

00:15:23,940 --> 00:15:20,770

online and started researching further

329

00:15:25,650 --> 00:15:23,950

to this grocery shopping during recent

330

00:15:28,260 --> 00:15:25,660

months has made me feel very

331

00:15:30,630 --> 00:15:28,270

uncomfortable as I have felt

332

00:15:34,080 --> 00:15:30,640

that people do not adequately keep their

333

00:15:36,870 --> 00:15:34,090

distance so when I read an anecdote on

334

00:15:40,050 --> 00:15:36,880

social media about masks causing people

335

00:15:42,170 --> 00:15:40,060

to keep away I began looking for one

336

00:15:45,690 --> 00:15:42,180

that would make a statement

337

00:15:50,610 --> 00:15:45,700

no pretty or artistic patterns for me I

338

00:15:52,380 --> 00:15:50,620

went for a bold plain black I won't be

339

00:15:55,170 --> 00:15:52,390

painting my beloved black and white

340

00:16:00,120 --> 00:15:55,180

cat's face on it either as my family

341

00:16:02,430 --> 00:16:00,130

mockingly suggested my mask arrived a

342

00:16:05,790 --> 00:16:02,440

day or two before Melbourne went into

343

00:16:07,920 --> 00:16:05,800

stage three lockdown despite the best

344

00:16:11,010 --> 00:16:07,930

efforts by the state government

345

00:16:14,520 --> 00:16:11,020

covert 19 had spread beyond the hotspot

346

00:16:17,760 --> 00:16:14,530

suburbs resulting in more significant

347

00:16:20,190 --> 00:16:17,770

numbers of new cases and was also

348

00:16:22,620 --> 00:16:20,200

creating a dangerous situation in the

349

00:16:26,130 --> 00:16:22,630

high-density living areas such as the

350

00:16:29,460 --> 00:16:26,140

housing estates in Melbourne there was a

351
00:16:32,220 --> 00:16:29,470
dramatic rise in cases and the number of

352
00:16:35,580 --> 00:16:32,230
new ones left up from double digits to

353
00:16:38,850 --> 00:16:35,590
triple digits with worse expected to

354
00:16:41,460 --> 00:16:38,860
come the chief health officer and

355
00:16:44,520 --> 00:16:41,470
Premier of Victoria announced that mask

356
00:16:48,090 --> 00:16:44,530
wearing in public for all the reasons

357
00:16:51,180 --> 00:16:48,100
dr. Swann had been stating came later

358
00:16:54,600 --> 00:16:51,190
the same day that I first wore my mask

359
00:16:57,990 --> 00:16:54,610
out in public that is on July 10th

360
00:16:59,730 --> 00:16:58,000
I had an optometrist appointment so I

361
00:17:01,830 --> 00:16:59,740
was able to keep this despite the

362
00:17:05,579 --> 00:17:01,840
lockdown for medical reasons

363
00:17:07,680 --> 00:17:05,589

I noticed the increase in the number of

364

00:17:10,620 --> 00:17:07,690

people who work in the mall wearing

365

00:17:14,040 --> 00:17:10,630

masks but did not see many members of

366

00:17:17,190 --> 00:17:14,050

the public doing so I was the only

367

00:17:19,250 --> 00:17:17,200

person wearing a cloth mask and I

368

00:17:23,690 --> 00:17:19,260

expected that people would glare or

369

00:17:26,940 --> 00:17:23,700

stare because it is quite conspicuous

370

00:17:29,790 --> 00:17:26,950

however this was not the case there were

371

00:17:31,680 --> 00:17:29,800

no reactions whatsoever even from a

372

00:17:36,840 --> 00:17:31,690

couple of students that I teach that I

373

00:17:39,000 --> 00:17:36,850

pass by and briefly said hello to I had

374

00:17:42,710 --> 00:17:39,010

also read another anecdote on social

375

00:17:45,870 --> 00:17:42,720

media that a person who works in retail

376

00:17:48,180 --> 00:17:45,880

appreciated customers wearing masks as

377

00:17:51,090 --> 00:17:48,190

they encountered so many people in a day

378

00:17:55,890 --> 00:17:51,100

and this further built my confidence to

379

00:17:58,710 --> 00:17:55,900

proceed interestingly while sitting in

380

00:18:01,050 --> 00:17:58,720

the optometrist another customer decided

381

00:18:04,820 --> 00:18:01,060

to Don her mask while in the waiting

382

00:18:08,070 --> 00:18:04,830

room - so I wasn't alone in the end

383

00:18:10,280 --> 00:18:08,080

until now the advice in Australia has

384

00:18:13,290 --> 00:18:10,290

been against wearing masks

385

00:18:15,960 --> 00:18:13,300

there has been an assumption that people

386

00:18:18,180 --> 00:18:15,970

may become complacent about other more

387

00:18:21,540 --> 00:18:18,190

important measures such as hand-washing

388

00:18:25,020 --> 00:18:21,550

or maintaining 1.5 meters of distance

389

00:18:27,420 --> 00:18:25,030

and other problem with untrained lay

390

00:18:32,100 --> 00:18:27,430

persons not knowing how to use masks

391

00:18:35,120 --> 00:18:32,110

correctly until now there have also been

392

00:18:38,010 --> 00:18:35,130

low rates of community transmission and

393

00:18:41,760 --> 00:18:38,020

most cases have come from returning

394

00:18:46,200 --> 00:18:41,770

overseas travelers so mask wearing has

395

00:18:49,140 --> 00:18:46,210

not been deemed necessary however in

396

00:18:52,890 --> 00:18:49,150

Melbourne community transmission now

397

00:18:56,070 --> 00:18:52,900

accounts for 80 percent of new covert 19

398

00:19:01,410 --> 00:18:56,080

cases and this is unprecedented in

399

00:19:04,130 --> 00:19:01,420

Australia Victoria reached a record 288

400

00:19:06,630 --> 00:19:04,140

new cases on Thursday July the 9th

401
00:19:09,510 --> 00:19:06,640
prompting a change in mask wearing

402
00:19:11,490 --> 00:19:09,520
advice to accompany the stage 3 lockdown

403
00:19:14,220 --> 00:19:11,500
that was put in place for greater

404
00:19:18,180 --> 00:19:14,230
Melbourne and one regional area earlier

405
00:19:20,730 --> 00:19:18,190
this week premier Dan Andrews has

406
00:19:24,360 --> 00:19:20,740
ordered two million reusable masks to be

407
00:19:27,210 --> 00:19:24,370
provided to the public and another 1

408
00:19:31,740 --> 00:19:27,220
million single-use masks to be given to

409
00:19:34,100 --> 00:19:31,750
those facing the highest risk first mask

410
00:19:39,240 --> 00:19:34,110
wearing has not been made compulsory

411
00:19:41,930 --> 00:19:39,250
however it is being strongly urged this

412
00:19:44,850 --> 00:19:41,940
has come quite late as a World Health

413
00:19:49,350 --> 00:19:44,860

Organization changed its stance on masks

414

00:19:51,330 --> 00:19:49,360

wearing back in mid-june however it

415

00:19:52,850 --> 00:19:51,340

coincides with the development in the

416

00:19:55,409 --> 00:19:52,860

past week that the World Health

417

00:19:57,060 --> 00:19:55,419

Organization has declared

418

00:20:01,619 --> 00:19:57,070

we'll review the new evidence of

419

00:20:03,919 --> 00:20:01,629

airborne transmission of the virus it is

420

00:20:07,979 --> 00:20:03,929

still only recommendation for Victoria

421

00:20:09,810 --> 00:20:07,989

not nationwide as no other state has a

422

00:20:12,839 --> 00:20:09,820

significant level of community

423

00:20:17,099 --> 00:20:12,849

transmission and some appear to be

424

00:20:19,769 --> 00:20:17,109

covered 19 fre chief health officer dr.

425

00:20:22,589 --> 00:20:19,779

Bret Sutton released a video on Friday

426
00:20:25,139 --> 00:20:22,599
July 10th that explains everything we

427
00:20:29,129 --> 00:20:25,149
need to know about masks wearing as lay

428
00:20:31,979 --> 00:20:29,139
persons in Victoria amongst other

429
00:20:34,739 --> 00:20:31,989
matters already outlined he explains

430
00:20:37,919 --> 00:20:34,749
that either single-use surgical masks or

431
00:20:41,279 --> 00:20:37,929
cloth masks with at least three layers

432
00:20:45,479 --> 00:20:41,289
of a mix of breathable fabrics should be

433
00:20:47,969 --> 00:20:45,489
used to ensure adequate protection he

434
00:20:50,669 --> 00:20:47,979
also demonstrates how to fit and wear

435
00:20:54,329 --> 00:20:50,679
one correctly and there are instructions

436
00:20:57,599 --> 00:20:54,339
on how to make one at home he concludes

437
00:21:01,139 --> 00:20:57,609
with how to handle the mask safely after

438
00:21:05,369 --> 00:21:01,149

it has been worn the Department of Human

439

00:21:07,259 --> 00:21:05,379

Health Services provides a comprehensive

440

00:21:09,930 --> 00:21:07,269

guide to face masks

441

00:21:12,580 --> 00:21:09,940

including how to make them

442

00:21:15,340 --> 00:21:12,590

[Music]

443

00:21:18,190 --> 00:21:15,350

you can follow up all these links in

444

00:21:21,039 --> 00:21:18,200

this week's show notes and for now this

445

00:21:21,920 --> 00:21:21,049

has been Michelle because ma stay safe

446

00:21:29,440 --> 00:21:21,930

everyone

447

00:21:34,240 --> 00:21:29,450

[Music]

448

00:21:37,760 --> 00:21:34,250

we'll be using today at an altitude of

449

00:21:41,090 --> 00:21:37,770

33,000 feet cinema sit back and enjoy

450

00:21:44,000 --> 00:21:41,100

the rest of your flight hello sir

451
00:21:46,580 --> 00:21:44,010
would that be tea coffee or a soft drink

452
00:21:50,470 --> 00:21:46,590
today um coffee please

453
00:21:50,480 --> 00:22:02,320
thank you

454
00:22:13,180 --> 00:22:07,130
to the captain light MIB

455
00:22:18,950 --> 00:22:13,190
one nine six five enroute to Tasmania

456
00:22:24,470 --> 00:22:18,960
dia captain as a passenger currently on

457
00:22:35,570 --> 00:22:29,400
cat6a economy I wish to point out to you

458
00:22:42,090 --> 00:22:35,580
a part particularly disconcerting aspect

459
00:22:46,860 --> 00:22:42,100
of this journey despite what I have been

460
00:22:52,440 --> 00:22:46,870
told by so-called science for years as I

461
00:22:58,590 --> 00:22:52,450
gaze out my window into the distance the

462
00:23:06,350 --> 00:22:58,600
horizon appears to me to be quite flat

463
00:23:12,600 --> 00:23:06,360

as hard as I try I am able to perceive

464

00:23:17,690 --> 00:23:12,610

the expected curvature of the earth are

465

00:23:22,340 --> 00:23:17,700

you aware of this unsettling situation

466

00:23:27,390 --> 00:23:22,350

have you and your copilot taken this

467

00:23:32,840 --> 00:23:27,400

baffling and worrying observation into

468

00:23:41,850 --> 00:23:37,460

it could have an adverse effect on your

469

00:23:46,400 --> 00:23:41,860

GPS navigation I must also advise you

470

00:23:52,220 --> 00:23:46,410

that I intend to write a letter of

471

00:23:59,780 --> 00:23:52,230

complaint to the Flat Earth orientation

472

00:24:06,090 --> 00:23:59,790

observation League of Sydney or if Oh LS

473

00:24:07,460 --> 00:24:06,100

to alert them to my discovery you have

474

00:24:16,740 --> 00:24:07,470

been warned

475

00:24:21,710 --> 00:24:16,750

yours etc etc PS I expect a refund of at

476

00:24:26,610 --> 00:24:21,720

least 30% of my ticket price as it is

477

00:24:35,249 --> 00:24:26,620

clear to me that this plane is not in

478

00:24:41,079 --> 00:24:37,450

well what would you like for lunch today

479

00:24:43,779 --> 00:24:41,089

sir we have a choice of chicken or fish

480

00:24:48,519 --> 00:24:43,789

but what's the fish the fish today is

481

00:24:50,529 --> 00:24:48,529

flathead sir right chicken please oh and

482

00:24:53,440 --> 00:24:50,539

can you take this letter to the captain

483

00:24:58,029 --> 00:24:53,450

is this about the earth being flat sir

484

00:25:04,590 --> 00:24:58,039

um maybe of course sir I'll tell with it

485

00:25:04,600 --> 00:25:09,780

[Music]

486

00:25:15,970 --> 00:25:12,760

the cast files

487

00:25:15,980 --> 00:25:25,990

with dr. cassandra Perryman

488

00:25:31,549 --> 00:25:29,240

hello skeptic zone listeners this is dr.

489

00:25:34,279 --> 00:25:31,559

Cassandra Perryman of the cast Isles and

490

00:25:36,620 --> 00:25:34,289

today in a departure from what you'd

491

00:25:38,510 --> 00:25:36,630

normally here on the sceptic zone we'll

492

00:25:41,690 --> 00:25:38,520

be talking about one little piece of the

493

00:25:44,810 --> 00:25:41,700

wild world known as American politics so

494

00:25:46,820 --> 00:25:44,820

how does this apply to scepticism well

495

00:25:49,460 --> 00:25:46,830

if the u.s. quickly becomes number one

496

00:25:52,310 --> 00:25:49,470

in something meaning global kovat cases

497

00:25:55,460 --> 00:25:52,320

and I'll say as of this recording we're

498

00:25:57,740 --> 00:25:55,470

at over 3 million confirmed cases and a

499

00:26:00,260 --> 00:25:57,750

hundred and thirty five thousand deaths

500

00:26:01,580 --> 00:26:00,270

confirmed to be connected to kovat so I

501
00:26:04,909 --> 00:26:01,590
think it's important to say a little

502
00:26:06,830 --> 00:26:04,919
about the party in power the US has

503
00:26:10,279 --> 00:26:06,840
always been a country of contradiction

504
00:26:12,470 --> 00:26:10,289
it was formed out of rebellion but now

505
00:26:15,200 --> 00:26:12,480
views rebellion is a patriotic thing to

506
00:26:18,289 --> 00:26:15,210
do only if said rebellion upholds the

507
00:26:19,909 --> 00:26:18,299
status quo right now this theme of

508
00:26:22,340 --> 00:26:19,919
rebellion and contradiction is on

509
00:26:24,230 --> 00:26:22,350
international display so what are some

510
00:26:27,169 --> 00:26:24,240
of the most glaring contradictions

511
00:26:28,880 --> 00:26:27,179
that's been the theme of the last few

512
00:26:30,110 --> 00:26:28,890
months here in the US and that's what

513
00:26:34,220 --> 00:26:30,120

I'll be talking about today on the

514

00:26:36,740 --> 00:26:34,230

skeptic zone now just for you who well

515

00:26:39,260 --> 00:26:36,750

don't recall my voice and don't exactly

516

00:26:40,340 --> 00:26:39,270

know who I am I moved back to California

517

00:26:42,710 --> 00:26:40,350

in 2016

518

00:26:46,789 --> 00:26:42,720

just before the election of our current

519

00:26:49,760 --> 00:26:46,799

well president now I'm not gonna use his

520

00:26:50,950 --> 00:26:49,770

name yes I know that's immature but

521

00:26:53,180 --> 00:26:50,960

that's how I'm coping

522

00:26:55,130 --> 00:26:53,190

anyway it's amazing to see how the

523

00:26:56,810 --> 00:26:55,140

country I knew before that fateful day

524

00:26:58,669 --> 00:26:56,820

is just a bleak pale memory in

525

00:27:01,970 --> 00:26:58,679

comparison to these insanity that I'm

526

00:27:03,409 --> 00:27:01,980

seeing today to be fair this isn't the

527

00:27:05,990 --> 00:27:03,419

first time the US has gone completely

528

00:27:09,950 --> 00:27:06,000

bug nutty there were the 80s after all

529

00:27:11,720 --> 00:27:09,960

that era was surreal my favorite example

530

00:27:14,360 --> 00:27:11,730

of the craziness of the 80s I had to

531

00:27:18,020 --> 00:27:14,370

climb under my desk during a nuclear

532

00:27:20,810 --> 00:27:18,030

bomb drill think about that because you

533

00:27:23,360 --> 00:27:20,820

know dusts are strong enough to a stand

534

00:27:25,220 --> 00:27:23,370

a nuclear bomb anyway I'll stay right

535

00:27:27,320 --> 00:27:25,230

here and upfront that this is going to

536

00:27:28,730 --> 00:27:27,330

be an intensely political report and I'm

537

00:27:30,890 --> 00:27:28,740

not going to be nice

538

00:27:32,930 --> 00:27:30,900

to the Republican Party that's not to

539

00:27:35,240 --> 00:27:32,940

say it couldn't be equally harsh to the

540

00:27:37,669 --> 00:27:35,250

Democratic Party but they're not

541

00:27:40,790 --> 00:27:37,679

currently in power and it's not the ones

542

00:27:42,260 --> 00:27:40,800

I'm deeply concerned about so what are

543

00:27:44,540 --> 00:27:42,270

the major contradictions in this

544

00:27:46,940 --> 00:27:44,550

administration first let's talk about

545

00:27:50,000 --> 00:27:46,950

how the Republican Party recently rolled

546

00:27:54,500 --> 00:27:50,010

over its platform from 2016 and has

547

00:27:57,380 --> 00:27:54,510

adopted that platform through 2024 this

548

00:28:00,350 --> 00:27:57,390

means they do not have new policies or

549

00:28:03,410 --> 00:28:00,360

directions as a party they have

550

00:28:06,620 --> 00:28:03,420

recognized need to be taken in the

551
00:28:08,570 --> 00:28:06,630
preamble of their own plasma starting on

552
00:28:11,210 --> 00:28:08,580
the fourth line it reads our role as

553
00:28:13,940 --> 00:28:11,220
quote now as an exemplar of Liberty for

554
00:28:16,220 --> 00:28:13,950
the world to see and the seventh line

555
00:28:18,530 --> 00:28:16,230
says quote we affirm as did the

556
00:28:20,450 --> 00:28:18,540
Declaration of Independence that all are

557
00:28:22,580 --> 00:28:20,460
created equal endowed by their creator

558
00:28:24,500 --> 00:28:22,590
with inalienable rights of life liberty

559
00:28:26,960 --> 00:28:24,510
and the pursuit of happiness

560
00:28:28,790 --> 00:28:26,970
it continues down a bit farther but

561
00:28:30,470 --> 00:28:28,800
still the preamble we get quote we

562
00:28:32,870 --> 00:28:30,480
believe our constitutional system

563
00:28:34,430 --> 00:28:32,880

limited government separation of powers

564

00:28:37,610 --> 00:28:34,440

federalism and the rights of the people

565

00:28:40,970 --> 00:28:37,620

must be preserved uncompromised for

566

00:28:42,590 --> 00:28:40,980

future generations finally my favorite

567

00:28:45,410 --> 00:28:42,600

part of the preamble reads quote the

568

00:28:47,060 --> 00:28:45,420

president they still mean Obama and the

569

00:28:48,560 --> 00:28:47,070

Democratic Party have abandoned their

570

00:28:50,810 --> 00:28:48,570

promise of being accountable to the

571

00:28:53,360 --> 00:28:50,820

American people they have nearly doubled

572

00:28:56,299 --> 00:28:53,370

the size of the national debt now I have

573

00:28:57,980 --> 00:28:56,309

only quoted from the preamble but after

574

00:28:59,570 --> 00:28:57,990

reading the entire party platform I

575

00:29:01,760 --> 00:28:59,580

think it sums up the contradictions

576

00:29:03,830 --> 00:29:01,770

perfectly if you want to read something

577

00:29:07,220 --> 00:29:03,840

that is just a pure manifesto I do

578

00:29:09,830 --> 00:29:07,230

suggest giving the platform a read now

579

00:29:11,210 --> 00:29:09,840

we can discuss dichotomies the party

580

00:29:13,190 --> 00:29:11,220

that represents a good portion of our

581

00:29:15,470 --> 00:29:13,200

nation has no new policies and predicts

582

00:29:17,150 --> 00:29:15,480

no new policies for another four years

583

00:29:18,950 --> 00:29:17,160

they're not acknowledging any of the

584

00:29:21,500 --> 00:29:18,960

current changes since I guessed or need

585

00:29:23,480 --> 00:29:21,510

for progress they're not supporting coal

586

00:29:26,360 --> 00:29:23,490

workers to become clean energy allies

587

00:29:27,980 --> 00:29:26,370

they are not backing reform which could

588

00:29:30,890 --> 00:29:27,990

also substantially reduce government

589

00:29:32,540 --> 00:29:30,900

spending instead they are milling in the

590

00:29:35,450 --> 00:29:32,550

past and leaving their constituents to

591

00:29:37,430 --> 00:29:35,460

know with them is an example of liberty

592

00:29:39,200 --> 00:29:37,440

and upholding the ideals of life liberty

593

00:29:41,760 --> 00:29:39,210

and pursuit of happiness they're falling

594

00:29:43,590 --> 00:29:41,770

a bit short the not so current

595

00:29:46,350 --> 00:29:43,600

have undue force to put it nicely by

596

00:29:48,060 --> 00:29:46,360

excusive I was scared when interacting

597

00:29:49,830 --> 00:29:48,070

with minorities it's just a small

598

00:29:50,670 --> 00:29:49,840

example of how life and liberty are not

599

00:29:52,890 --> 00:29:50,680

valued

600

00:29:54,540 --> 00:29:52,900

it is frequently conservative juries

601
00:29:56,130 --> 00:29:54,550
that let those same police officers go

602
00:29:58,650 --> 00:29:56,140
free when they kill a black person

603
00:30:00,270 --> 00:29:58,660
without any true provocation it's

604
00:30:02,040 --> 00:30:00,280
Republicans it's important back the

605
00:30:04,080 --> 00:30:02,050
police union which is now in the hot

606
00:30:06,930 --> 00:30:04,090
seat in the u.s. do their protecting of

607
00:30:08,960 --> 00:30:06,940
those same officers one great example of

608
00:30:12,600 --> 00:30:08,970
this is wisconsin Governor Scott Walker

609
00:30:15,390 --> 00:30:12,610
who in 2017 reduced the power of unions

610
00:30:18,090 --> 00:30:15,400
in his state except for police and fire

611
00:30:20,750 --> 00:30:18,100
unions as a note and as another

612
00:30:24,660 --> 00:30:20,760
dichotomy Republicans are notoriously

613
00:30:26,850 --> 00:30:24,670

anti-union equality and rights are a

614

00:30:28,020 --> 00:30:26,860

huge part part of this party platform

615

00:30:30,270 --> 00:30:28,030

but equality and rights under this

616

00:30:32,850 --> 00:30:30,280

platform or not for everyone there for

617

00:30:34,470 --> 00:30:32,860

the wealthy and the white one way this

618

00:30:38,100 --> 00:30:34,480

can clearly be seen is in our voting

619

00:30:40,770 --> 00:30:38,110

system a brief history stopped in 2013

620

00:30:43,800 --> 00:30:40,780

the case of Shelby County v holder was

621

00:30:45,750 --> 00:30:43,810

heard by the Supreme Court in a 5-4 in

622

00:30:47,670 --> 00:30:45,760

this case it was a party split decision

623

00:30:49,430 --> 00:30:47,680

the Supreme Court struck down key

624

00:30:52,260 --> 00:30:49,440

portions of the Voting Rights Act of

625

00:30:54,600 --> 00:30:52,270

1965 the direct result has been

626
00:30:56,820 --> 00:30:54,610
gerrymandering poll tax as an ID laws

627
00:30:58,830 --> 00:30:56,830
which as you can guess have directly

628
00:31:02,100 --> 00:30:58,840
impacted minority specifically black

629
00:31:03,870 --> 00:31:02,110
voters somewhere in late 2019 as a

630
00:31:06,300 --> 00:31:03,880
response to the surge and midterm

631
00:31:08,040 --> 00:31:06,310
election turnout republican-led states

632
00:31:10,410 --> 00:31:08,050
have been instituting a whole range of

633
00:31:12,780 --> 00:31:10,420
blocks to voting one examples of

634
00:31:16,260 --> 00:31:12,790
gerrymandering in Georgia were seven

635
00:31:19,560 --> 00:31:16,270
counties hired Stahl you Aussies have

636
00:31:22,020 --> 00:31:19,570
one polling place that's over 6,000

637
00:31:24,030 --> 00:31:22,030
individuals with one polling place we

638
00:31:27,060 --> 00:31:24,040

have a term for this it's called voter

639

00:31:30,180 --> 00:31:27,070

suppression let's talk about national

640

00:31:31,920 --> 00:31:30,190

day I love when that talking point comes

641

00:31:35,490 --> 00:31:31,930

out first it's a metrics that is

642

00:31:38,460 --> 00:31:35,500

completely out of context right any way

643

00:31:40,440 --> 00:31:38,470

you look at it I can make it good or bad

644

00:31:41,820 --> 00:31:40,450

there's debt that increases income and

645

00:31:42,960 --> 00:31:41,830

there's debt that's just throwing money

646

00:31:45,540 --> 00:31:42,970

into a black hole

647

00:31:48,800 --> 00:31:45,550

Democrats or for debt that increases

648

00:31:52,740 --> 00:31:48,810

income Republicans are purely anti debt

649

00:31:55,139 --> 00:31:52,750

so as the party's chief complaint that

650

00:31:59,519 --> 00:31:55,149

the Democrats specifically Obama has

651
00:32:02,190 --> 00:31:59,529
the dead out of control well yes but no

652
00:32:04,829 --> 00:32:02,200
Obama did increase the national debt by

653
00:32:07,979 --> 00:32:04,839
74 percent if we don't look at the

654
00:32:10,109 --> 00:32:07,989
programs or income generated that's 74

655
00:32:12,659 --> 00:32:10,119
increases the full culmination in debt

656
00:32:15,539 --> 00:32:12,669
over his eight years as president thus

657
00:32:18,089 --> 00:32:15,549
far not including the response and

658
00:32:19,440 --> 00:32:18,099
impact to Tuco vvd the man in charge has

659
00:32:22,829 --> 00:32:19,450
increased the national debt by an

660
00:32:25,589 --> 00:32:22,839
additional 24% if we go back to the

661
00:32:27,239 --> 00:32:25,599
Republican before him george w bush the

662
00:32:29,459 --> 00:32:27,249
debt was increased by a hundred and one

663
00:32:32,909 --> 00:32:29,469

percent whereas his predecessor Clinton

664

00:32:34,440 --> 00:32:32,919

a Democrat added 32% in debt when

665

00:32:36,389 --> 00:32:34,450

looking at the balance of fiscal debt

666

00:32:38,940 --> 00:32:36,399

Republicans are notorious for being the

667

00:32:41,339 --> 00:32:38,950

bigger spenders we can't forget Reagan

668

00:32:43,469 --> 00:32:41,349

whose administration led to a hundred

669

00:32:45,899 --> 00:32:43,479

and eighty six percent increase in debt

670

00:32:47,519 --> 00:32:45,909

at the end of Carter's last budget if

671

00:32:49,709 --> 00:32:47,529

you want to see a great breakdown of

672

00:32:52,709 --> 00:32:49,719

debt additions over the years fact check

673

00:32:55,099 --> 00:32:52,719

me in other words the balance calm all

674

00:32:57,690 --> 00:32:55,109

one word has done great breakdown

675

00:33:00,719 --> 00:32:57,700

another great breakdown about how that

676
00:33:02,639 --> 00:33:00,729
same fiscally conservative party has let

677
00:33:05,310 --> 00:33:02,649
their elected leader go golfing a total

678
00:33:08,729 --> 00:33:05,320
of two hundred and fifty seven times in

679
00:33:10,649 --> 00:33:08,739
the last 3.5 years for a total taxpayer

680
00:33:13,259 --> 00:33:10,659
cost of about a hundred and thirty six

681
00:33:15,479 --> 00:33:13,269
million dollars you can see a great

682
00:33:18,299 --> 00:33:15,489
breakdown of those outings on Trump golf

683
00:33:20,700 --> 00:33:18,309
count calm in the end this whole

684
00:33:22,499 --> 00:33:20,710
Democrat spend more just rhetoric to

685
00:33:24,299 --> 00:33:22,509
continue to leave business owning and

686
00:33:27,869 --> 00:33:24,309
fiscal conservative voters to lean

687
00:33:29,759 --> 00:33:27,879
towards the Republican Party speaking of

688
00:33:31,799 --> 00:33:29,769

life and liberty and being accountable

689

00:33:33,479 --> 00:33:31,809

and all those great but buzzwords I

690

00:33:35,940 --> 00:33:33,489

can't even begin to say how insane the

691

00:33:38,249 --> 00:33:35,950

response to kovat has been that's weeks

692

00:33:40,200 --> 00:33:38,259

of reporting all on its own whatever you

693

00:33:42,389 --> 00:33:40,210

have heard on the news trust me it's

694

00:33:45,089 --> 00:33:42,399

even more insane than that but anyway

695

00:33:46,680 --> 00:33:45,099

moving on another explanation that I

696

00:33:49,619 --> 00:33:46,690

think is passed to is why the Republican

697

00:33:52,109 --> 00:33:49,629

is so Pro military guns and police well

698

00:33:54,979 --> 00:33:52,119

in 1968 the Republican Party named

699

00:33:58,799 --> 00:33:54,989

themselves quote the Law & Order party

700

00:34:01,139 --> 00:33:58,809

hmmm what else was happening in 1968

701

00:34:02,369 --> 00:34:01,149

well Apollo 8 was orbiting the moon

702

00:34:04,950 --> 00:34:02,379

that's pretty cool

703

00:34:07,739 --> 00:34:04,960

Nixon was elected and we kind of all

704

00:34:08,460 --> 00:34:07,749

know how that went but also there was a

705

00:34:10,740 --> 00:34:08,470

fire

706

00:34:13,560 --> 00:34:10,750

police response to the demonstrators at

707

00:34:15,540 --> 00:34:13,570

the Chicago Democratic convention those

708

00:34:19,080 --> 00:34:15,550

demonstrators included well Black

709

00:34:20,970 --> 00:34:19,090

Panthers most importantly the 1968 is

710

00:34:23,220 --> 00:34:20,980

when Martin Luther King jr. was

711

00:34:26,190 --> 00:34:23,230

assassinated in other words white

712

00:34:27,930 --> 00:34:26,200

fragility and civil rights collided out

713

00:34:30,210 --> 00:34:27,940

of the civil rights movement we get the

714

00:34:33,149 --> 00:34:30,220

Cincinnati COO of the NRA which happened

715

00:34:36,300 --> 00:34:33,159

in 1976 and created the organization you

716

00:34:38,520 --> 00:34:36,310

see today in this era the shape of

717

00:34:40,919 --> 00:34:38,530

police force has changed as a response

718

00:34:43,139 --> 00:34:40,929

to the civil rights movements if you

719

00:34:45,149 --> 00:34:43,149

like a great breakdown of the history of

720

00:34:47,609 --> 00:34:45,159

us policing I suggest listening to the

721

00:34:50,010 --> 00:34:47,619

six part series by behind the Basterds

722

00:34:52,470 --> 00:34:50,020

for a great breakdown of the reason for

723

00:34:52,950 --> 00:34:52,480

the coup and adjunct abject racism in

724

00:34:54,659 --> 00:34:52,960

the NRA

725

00:34:57,300 --> 00:34:54,669

I'd suggest listening to the more

726

00:34:58,109 --> 00:34:57,310

perfect podcast specifically their

727

00:35:02,130 --> 00:34:58,119

episode called

728

00:35:04,080 --> 00:35:02,140

the gun show so to say it again behind

729

00:35:07,920 --> 00:35:04,090

the bastards six-part series on policing

730

00:35:09,810 --> 00:35:07,930

and more perfect the gun show long story

731

00:35:11,910 --> 00:35:09,820

short the party is incredibly Pro guns

732

00:35:13,589 --> 00:35:11,920

military police because they are the

733

00:35:16,530 --> 00:35:13,599

only barrier between good hard-working

734

00:35:18,480 --> 00:35:16,540

business owners and white people and

735

00:35:21,660 --> 00:35:18,490

those nasty poor people and people of

736

00:35:23,609 --> 00:35:21,670

color up to hurt them yes systemic

737

00:35:25,890 --> 00:35:23,619

racism is alive and well in the United

738

00:35:27,960 --> 00:35:25,900

States and vehemently upheld by the

739

00:35:30,570 --> 00:35:27,970

party of Rights accountability life and

740

00:35:32,880 --> 00:35:30,580

liberty as you can probably tell them a

741

00:35:34,260 --> 00:35:32,890

bit passionate on this topic I feel that

742

00:35:36,480 --> 00:35:34,270

right now it's important we all are

743

00:35:38,609 --> 00:35:36,490

globally aware the leadership here is

744

00:35:40,680 --> 00:35:38,619

dangerous and that affects everyone

745

00:35:43,079 --> 00:35:40,690

I've been asked quite a few times if I

746

00:35:45,750 --> 00:35:43,089

believe if you know who can get elected

747

00:35:47,550 --> 00:35:45,760

again in November unfortunately that

748

00:35:49,829 --> 00:35:47,560

reduction in voting rights I was talking

749

00:35:51,570 --> 00:35:49,839

about and the desire to kibosh mail and

750

00:35:54,120 --> 00:35:51,580

voting which I didn't talk about is

751

00:35:57,810 --> 00:35:54,130

leading to a well to put it very

752

00:35:59,970 --> 00:35:57,820

charitably a stacked election I strongly

753

00:36:03,270 --> 00:35:59,980

suggest everyone watch that election and

754

00:36:05,220 --> 00:36:03,280

watch the after effects we've always had

755

00:36:07,200 --> 00:36:05,230

a peaceful turnover of power here in the

756

00:36:10,470 --> 00:36:07,210

US but under the currents I guess even

757

00:36:12,010 --> 00:36:10,480

that might be tested I hope not but

758

00:36:15,090 --> 00:36:12,020

we'll see

759

00:36:19,330 --> 00:36:17,860

so from under the glorious auspices of

760

00:36:20,290 --> 00:36:19,340

safety brought by the state of

761

00:36:40,360 --> 00:36:20,300

California

762

00:36:41,590 --> 00:36:40,370

this is dr. Cass signing off the reason

763

00:36:43,900 --> 00:36:41,600

was the interview show from the

764

00:36:45,250 --> 00:36:43,910

Merseyside skeptic society where each

765

00:36:47,230 --> 00:36:45,260

month I speak to someone about their

766

00:36:49,600 --> 00:36:47,240

fringe beliefs over the Earth's are

767

00:36:51,640 --> 00:36:49,610

spoken to psychics UFO believers moon

768

00:36:53,500 --> 00:36:51,650

landing and ayahs flat earthers Hollow

769

00:36:55,360 --> 00:36:53,510

Earth as an all manner of unusual

770

00:36:57,130 --> 00:36:55,370

conspiracy theorists but I've also

771

00:36:59,500 --> 00:36:57,140

talked to aids denialists white

772

00:37:01,030 --> 00:36:59,510

supremacists gay conversion therapies

773

00:37:02,890 --> 00:37:01,040

I even interviewed Jim Humble the

774

00:37:04,600 --> 00:37:02,900

inventor of miracle mineral supplement a

775

00:37:06,160 --> 00:37:04,610

form of industrial bleach that he and

776

00:37:08,980 --> 00:37:06,170

his followers used to treat cancer and

777

00:37:11,110 --> 00:37:08,990

HIV this isn't a debate show my aim

778

00:37:13,420 --> 00:37:11,120

isn't to win an argument but when we

779

00:37:15,550 --> 00:37:13,430

listen to how people promote and justify

780

00:37:17,560 --> 00:37:15,560

the ideas that we disagree with even the

781

00:37:19,270 --> 00:37:17,570

dangerous ones I think we become much

782

00:37:21,100 --> 00:37:19,280

more effective at countering those ideas

783

00:37:23,140 --> 00:37:21,110

if that sounds like something you'd be

784

00:37:25,150 --> 00:37:23,150

interested in look for be reasonable on

785

00:37:26,040 --> 00:37:25,160

Apple podcasts and everywhere else the

786

00:37:50,710 --> 00:37:26,050

podcast alone

787

00:37:52,640 --> 00:37:50,720

[Music]

788

00:37:55,420 --> 00:37:52,650

logical fallacies

789

00:37:58,910 --> 00:37:55,430

[Music]

790

00:38:00,829 --> 00:37:58,920

what are logical fallacies and why is it

791

00:38:02,930 --> 00:38:00,839

important that critical thinkers should

792

00:38:05,660 --> 00:38:02,940

know about them

793

00:38:08,690 --> 00:38:05,670

a logical fallacy is an error we can

794

00:38:10,940 --> 00:38:08,700

make in reasoning but it usually crops

795

00:38:14,690 --> 00:38:10,950

up when we are discussing or arguing our

796

00:38:17,120 --> 00:38:14,700

point of view some people might even

797

00:38:18,829 --> 00:38:17,130

knowingly use them to try and score

798

00:38:22,730 --> 00:38:18,839

cheap points in an argument

799

00:38:25,309 --> 00:38:22,740

due to intellectual laziness they are

800

00:38:27,530 --> 00:38:25,319

traps we can fall into but if we know

801
00:38:29,839 --> 00:38:27,540
what to look out for we can spot them

802
00:38:36,829 --> 00:38:29,849
when they occur and stop ourselves from

803
00:38:40,670 --> 00:38:36,839
using them this time we'll look at to

804
00:38:44,390 --> 00:38:40,680
quote way also known as the appeal to

805
00:38:48,109 --> 00:38:44,400
hypocrisy or the look who's talking this

806
00:38:50,930 --> 00:38:48,119
is a type of ad hominem attack and comes

807
00:38:54,559 --> 00:38:50,940
into play when an inconsistency or

808
00:38:58,190 --> 00:38:54,569
hypocrisy from your side is used by your

809
00:39:01,339 --> 00:38:58,200
opponent to justify their position or to

810
00:39:04,819 --> 00:39:01,349
denigrate your position this fallacy

811
00:39:08,300 --> 00:39:04,829
really is a lazy and cheap way of trying

812
00:39:11,109 --> 00:39:08,310
to justify a position it could be used

813
00:39:14,349 --> 00:39:11,119

to avoid the real argument at hand

814

00:39:19,130 --> 00:39:14,359

deflecting attention to the past actions

815

00:39:22,640 --> 00:39:19,140

its meeting criticism with criticism so

816

00:39:25,010 --> 00:39:22,650

what if sometimes creation scientists

817

00:39:28,970 --> 00:39:25,020

have been caught out using bad data or

818

00:39:32,770 --> 00:39:28,980

fudging research just look at mainstream

819

00:39:36,349 --> 00:39:32,780

science skulduggery goes on all the time

820

00:39:39,950 --> 00:39:36,359

no doubt about it some scientists have

821

00:39:44,240 --> 00:39:39,960

and still do fudge figures cut corners

822

00:39:47,270 --> 00:39:44,250

and even produce faulty research not

823

00:39:50,809 --> 00:39:47,280

good but it does not therefore justify

824

00:39:53,690 --> 00:39:50,819

or somehow make better the bad science

825

00:39:56,990 --> 00:39:53,700

conducted by creationists or from any

826

00:40:00,020 --> 00:39:57,000

other field of pseudoscience here in

827

00:40:02,120 --> 00:40:00,030

Australia the CSIRO the Commonwealth

828

00:40:05,480 --> 00:40:02,130

Scientific and Industrial Research

829

00:40:07,460 --> 00:40:05,490

Organisation once told us we shouldn't

830

00:40:11,120 --> 00:40:07,470

eat eggs due to their high cholesterol

831

00:40:13,970 --> 00:40:11,130

content now they tell us eggs are fine

832

00:40:15,330 --> 00:40:13,980

to eat how can we trust them with any

833

00:40:20,520 --> 00:40:15,340

science

834

00:40:23,250 --> 00:40:20,530

mind about things is really one of its

835

00:40:26,280 --> 00:40:23,260

great strengths imagine if it was more

836

00:40:27,630 --> 00:40:26,290

like pseudoscience or religion that when

837

00:40:28,950 --> 00:40:27,640

in the face of new and better

838

00:40:31,620 --> 00:40:28,960

information

839

00:40:35,490 --> 00:40:31,630

it stubbornly refused to accept it was

840

00:40:38,760 --> 00:40:35,500

wrong if that were the case we'd all be

841

00:40:41,460 --> 00:40:38,770

back in the 14th century why should we

842

00:40:45,090 --> 00:40:41,470

listen to the skeptics weren't they the

843

00:40:49,080 --> 00:40:45,100

fools who said climate change was a hoax

844

00:40:52,410 --> 00:40:49,090

a skeptical movement and those in it can

845

00:40:54,480 --> 00:40:52,420

and do change their mind while in the

846

00:40:57,540 --> 00:40:54,490

early days of the climate change issue

847

00:41:01,290 --> 00:40:57,550

some skeptics were indeed skeptical of

848

00:41:04,200 --> 00:41:01,300

it these opinions were over time changed

849

00:41:07,650 --> 00:41:04,210

as more evidence was presented these

850

00:41:11,580 --> 00:41:07,660

days climate change deniers often and

851
00:41:17,400 --> 00:41:11,590
incorrectly use the term skeptic to

852
00:41:19,800 --> 00:41:17,410
refer to themselves all of us are

853
00:41:22,380 --> 00:41:19,810
fallible and there will be times when we

854
00:41:25,770 --> 00:41:22,390
don't act consistently or even

855
00:41:28,710 --> 00:41:25,780
rationally whether or not someone

856
00:41:31,350 --> 00:41:28,720
follows their own advice or even appears

857
00:41:33,960 --> 00:41:31,360
to contradict themselves it should be

858
00:41:37,680 --> 00:41:33,970
noted but don't let that distract from

859
00:41:40,820 --> 00:41:37,690
the question in hand and ultimately it

860
00:41:43,110 --> 00:41:40,830
does not justify similar action

861
00:41:45,820 --> 00:41:43,120
[Music]

862
00:41:48,280 --> 00:41:45,830
knowing a logical fallacy when you hear

863
00:41:50,680 --> 00:41:48,290

one and even knowing its name is

864

00:41:54,340 --> 00:41:50,690

important when arguing your point of

865

00:41:57,160 --> 00:41:54,350

view however you may come across as

866

00:41:59,770 --> 00:41:57,170

arrogant and not get very far if you

867

00:42:03,490 --> 00:41:59,780

call it out by name to your opponent

868

00:42:05,830 --> 00:42:03,500

when you hear it being used if your

869

00:42:08,620 --> 00:42:05,840

opponent calls you out for using one

870

00:42:12,220 --> 00:42:08,630

it's time to stop and think about how

871

00:42:14,530 --> 00:42:12,230

you are making your case use your

872

00:42:17,860 --> 00:42:14,540

knowledge of logical fallacies wisely

873

00:42:20,110 --> 00:42:17,870

and remember that even if your point of

874

00:42:23,380 --> 00:42:20,120

view is right and you know all the

875

00:42:26,650 --> 00:42:23,390

pitfalls in arguing your case it doesn't

876

00:42:30,070 --> 00:42:26,660

always mean you'll win on the day and a

877

00:42:35,860 --> 00:42:30,080

skeptics we must also remember that we

878

00:42:38,500 --> 00:42:35,870

too can be wrong at times I'm Michele

879

00:42:44,270 --> 00:42:38,510

because my from the Vick skeptics thanks

880

00:42:53,660 --> 00:42:51,710

I started listening to oh no Ross and

881

00:42:55,430 --> 00:42:53,670

Carrie shortly after I broke my arm and

882

00:42:56,030 --> 00:42:55,440

the doctor had told me I'd never walk

883

00:42:57,980 --> 00:42:56,040

again

884

00:43:00,620 --> 00:42:57,990

I couldn't get my book started it was

885

00:43:02,210 --> 00:43:00,630

just after my landlord died I was

886

00:43:04,940 --> 00:43:02,220

allergic to water

887

00:43:07,520 --> 00:43:04,950

addicted to wheatgrass I was lost

888

00:43:10,010 --> 00:43:07,530

honestly I knew it was time to make a

889

00:43:13,460 --> 00:43:10,020

change and that's when I turned on my

890

00:43:15,319 --> 00:43:13,470

preferred podcast again

891

00:43:18,140 --> 00:43:15,329

what if all the answers I was looking

892

00:43:20,450 --> 00:43:18,150

for what if they were all right here

893

00:43:22,190 --> 00:43:20,460

there's something about oh no Raza carry

894

00:43:24,970 --> 00:43:22,200

that you just can't get anywhere else

895

00:43:27,500 --> 00:43:24,980

your thought leaders discoverers

896

00:43:30,829 --> 00:43:27,510

founders I'd call them heroes

897

00:43:32,569 --> 00:43:30,839

healers luminaries Ross and Carrie don't

898

00:43:34,130 --> 00:43:32,579

just report on for science spirituality

899

00:43:36,470 --> 00:43:34,140

and claims of a paranormal

900

00:43:38,870 --> 00:43:36,480

they take part themselves they show up

901
00:43:43,940 --> 00:43:38,880
so you don't have to but you might find

902
00:43:47,630 --> 00:43:43,950
that you want to my arm is better I can

903
00:43:50,210 --> 00:43:47,640
walk again six months no wheat grass I'm

904
00:43:50,750 --> 00:43:50,220
wrote an entire book this weekend it's

905
00:43:53,150 --> 00:43:50,760
terrible

906
00:43:56,470 --> 00:43:53,160
but I did it my landlord came back from

907
00:43:59,690 --> 00:43:56,480
the dead if I can listen to this podcast

908
00:44:05,390 --> 00:43:59,700
anyone can do it just go to maximum fun

909
00:44:06,740 --> 00:44:05,400
org owner Russ and carries just a

910
00:44:08,120 --> 00:44:06,750
podcast it doesn't do anything it's just

911
00:44:12,500 --> 00:44:08,130
sound you listen to your ears all these

912
00:44:19,300 --> 00:44:13,900
[Music]

913
00:44:21,300 --> 00:44:19,310

and now a reading from the book of Tim

914

00:44:31,330 --> 00:44:21,310

[Music]

915

00:44:33,310 --> 00:44:31,340

with Tim Mendham hi my name is Tim

916

00:44:34,960 --> 00:44:33,320

Mendham I'm the editor of Australian

917

00:44:37,000 --> 00:44:34,970

skeptics Journal the skeptic and

918

00:44:39,550 --> 00:44:37,010

executive officer for Australian

919

00:44:41,590 --> 00:44:39,560

skeptics Inc and today I'll be talking

920

00:44:46,810 --> 00:44:41,600

about an article from the skeptic from

921

00:44:48,940 --> 00:44:46,820

September 2016 which is vol 36 number 3

922

00:44:51,760 --> 00:44:48,950

and it comes from the section that we

923

00:44:53,560 --> 00:44:51,770

call what goes around where a story

924

00:44:55,540 --> 00:44:53,570

starts off in one place and goes all the

925

00:44:58,810 --> 00:44:55,550

way around and ends up where a start off

926
00:45:00,880 --> 00:44:58,820
on this one is about monsters mysteries

927
00:45:05,410 --> 00:45:00,890
and medicos

928
00:45:11,240 --> 00:45:08,660
The Strange Case of dr. Jekyll and mr.

929
00:45:14,569 --> 00:45:11,250
Hyde is a novella first published in

930
00:45:17,750 --> 00:45:14,579
1886 by the Scottish author Robert Louis

931
00:45:20,240 --> 00:45:17,760
Stevenson it's about a London lawyer

932
00:45:22,339 --> 00:45:20,250
named Gabriel John Utterson who

933
00:45:25,370 --> 00:45:22,349
investigates strange occurrences between

934
00:45:29,299 --> 00:45:25,380
his old friend dr. Henry Jekyll and his

935
00:45:31,030 --> 00:45:29,309
evil alter ego Edward Hyde the title has

936
00:45:33,609 --> 00:45:31,040
become a well used phrase for someone's

937
00:45:35,750 --> 00:45:33,619
dramatically changed personalities

938
00:45:38,210 --> 00:45:35,760

Stevenson had long been intrigued by the

939

00:45:40,339 --> 00:45:38,220

idea of how personalities can affect a

940

00:45:42,190 --> 00:45:40,349

human and how to incorporate the

941

00:45:44,930 --> 00:45:42,200

interplay of good and evil into a story

942

00:45:48,099 --> 00:45:44,940

while still a teenager he had developed

943

00:45:51,859 --> 00:45:48,109

a script for a play about Deakin Brody

944

00:45:54,589 --> 00:45:51,869

now William Deakin Brody was a Scottish

945

00:45:57,319 --> 00:45:54,599

cabinet maker deacon of a trades guild in

946

00:46:00,349 --> 00:45:57,329

Edinburgh city councillor who maintained

947

00:46:02,329 --> 00:46:00,359

a secret life as a burglar partly for

948

00:46:05,870 --> 00:46:02,339

the thrill and partly to fund his

949

00:46:07,760 --> 00:46:05,880

gambling Brody used his daytime job as a

950

00:46:09,980 --> 00:46:07,770

way to gain knowledge about the security

951
00:46:12,950 --> 00:46:09,990
mechanisms of his clients and to

952
00:46:16,329 --> 00:46:12,960
duplicate keys using wax impressions he

953
00:46:18,859 --> 00:46:16,339
was caught tried and hanged in 1788

954
00:46:20,599 --> 00:46:18,869
popular myth held that he had built the

955
00:46:23,210 --> 00:46:20,609
first gallows in Edinburgh and was also

956
00:46:25,789 --> 00:46:23,220
its first victim William ruff head in

957
00:46:28,220 --> 00:46:25,799
classics crime says that after research

958
00:46:30,620 --> 00:46:28,230
he was sure that although the Deakin may

959
00:46:32,780 --> 00:46:30,630
have had some hand in the design it was

960
00:46:34,910 --> 00:46:32,790
certainly not of his construction nor

961
00:46:38,510 --> 00:46:34,920
was he the first to benefit by its

962
00:46:40,849 --> 00:46:38,520
ingenuity now William ruff head which is

963
00:46:42,920 --> 00:46:40,859

actually pronounced a rock head was a

964

00:46:45,349 --> 00:46:42,930

well-known Scottish lawyer and amateur

965

00:46:49,220 --> 00:46:45,359

criminologist as well as an editor and

966

00:46:49,910 --> 00:46:49,230

essayist on matters criminis for almost

967

00:46:51,349 --> 00:46:49,920

60 years

968

00:46:53,359 --> 00:46:51,359

he attended most of the noteworthy

969

00:46:54,049 --> 00:46:53,369

murder trials at the High Court of

970

00:46:56,480 --> 00:46:54,059

Justiciary

971

00:46:58,720 --> 00:46:56,490

in Scotland he was an important early

972

00:47:01,760 --> 00:46:58,730

practitioner of the modern true-crime

973

00:47:04,130 --> 00:47:01,770

literary genre perhaps rockheads

974

00:47:06,859 --> 00:47:04,140

greatest achievement was his analysis of

975

00:47:09,799 --> 00:47:06,869

Oscar Slater's trial for the murder of

976
00:47:13,130 --> 00:47:09,809
the Glasgow spinster Marion Gilchrist in

977
00:47:13,780 --> 00:47:13,140
1908 rock he'd assisted Arthur Conan

978
00:47:15,750 --> 00:47:13,790
Doyle

979
00:47:18,270 --> 00:47:15,760
Craigie Acheson and

980
00:47:20,609 --> 00:47:18,280
in park for nearly 20 years exposing

981
00:47:24,440 --> 00:47:20,619
weaknesses in the Crown's case and was

982
00:47:28,260 --> 00:47:24,450
cited as a witness in the 1928 appeal

983
00:47:30,599 --> 00:47:28,270
Sir Arthur Ignatius Conan Doyle was a

984
00:47:32,599 --> 00:47:30,609
British writer and physician who studied

985
00:47:35,160 --> 00:47:32,609
medicine at the University of Edinburgh

986
00:47:37,530 --> 00:47:35,170
he popularized the mystery of the Mary

987
00:47:40,020 --> 00:47:37,540
Celeste and showed a great interest in

988
00:47:42,840 --> 00:47:40,030

belief in spiritualism psychic powers

989

00:47:45,030 --> 00:47:42,850

and of course the Cottingley fairies he

990

00:47:47,130 --> 00:47:45,040

was a prolific writer whose works range

991

00:47:50,609 --> 00:47:47,140

across fantasy and science fictional

992

00:47:52,980 --> 00:47:50,619

stories plays romances poetry nonfiction

993

00:47:56,370 --> 00:47:52,990

and historical novels including his

994

00:47:58,109 --> 00:47:56,380

preferred work the white company but of

995

00:48:00,090 --> 00:47:58,119

course he's most noted for creating the

996

00:48:02,670 --> 00:48:00,100

fictional detective Sherlock Holmes a

997

00:48:05,820 --> 00:48:02,680

character that featured in 56 short

998

00:48:07,650 --> 00:48:05,830

stories and four novels Holmes was

999

00:48:11,460 --> 00:48:07,660

partially modelled on Doyle's former

1000

00:48:14,640 --> 00:48:11,470

University teacher dr. Josef Bill Doyle

1001
00:48:17,940 --> 00:48:14,650
met Belle in 1877 and served as his

1002
00:48:19,890 --> 00:48:17,950
clerk at the Edinburgh infirmary bill

1003
00:48:21,840 --> 00:48:19,900
was personal surgeon to Queen Victoria

1004
00:48:24,210 --> 00:48:21,850
during her visits to Scotland

1005
00:48:27,170 --> 00:48:24,220
Doyle admitted that Holmes was loosely

1006
00:48:29,760 --> 00:48:27,180
based on Bill and his observant ways

1007
00:48:31,220 --> 00:48:29,770
bill was aware of this inspiration and

1008
00:48:33,570 --> 00:48:31,230
took some pride in it

1009
00:48:35,900 --> 00:48:33,580
according to Irving Wallace in an essay

1010
00:48:38,430 --> 00:48:35,910
from his book the fabulous originals

1011
00:48:40,890 --> 00:48:38,440
bill was involved in several police

1012
00:48:44,040 --> 00:48:40,900
investigations such as the odd Lamont

1013
00:48:45,810 --> 00:48:44,050

mystery of 1893 he also gave his

1014

00:48:50,099 --> 00:48:45,820

analysis of the Jack the Ripper murders

1015

00:48:51,840 --> 00:48:50,109

to Scotland Yard the link between Holmes

1016

00:48:54,300 --> 00:48:51,850

and Bill was obvious to another writer

1017

00:48:57,210 --> 00:48:54,310

who write to Doyle from his Island home

1018

00:48:59,520 --> 00:48:57,220

I hope you will allow me to offer you my

1019

00:49:01,440 --> 00:48:59,530

compliments on your very ingenious and

1020

00:49:04,530 --> 00:49:01,450

very interesting Adventures of Sherlock

1021

00:49:07,770 --> 00:49:04,540

Holmes only the one thing troubles me

1022

00:49:09,300 --> 00:49:07,780

can this be my old friend Joe Bell in

1023

00:49:11,160 --> 00:49:09,310

the local island tongue the

1024

00:49:14,430 --> 00:49:11,170

correspondent was called to sitala

1025

00:49:16,430 --> 00:49:14,440

teller of tales he was also composer of

1026

00:49:20,730 --> 00:49:16,440

more than 100 musical pieces

1027

00:49:22,800 --> 00:49:20,740

Doyle planned to extend a September 1894

1028

00:49:24,960 --> 00:49:22,810

tour of America to meet up with the

1029

00:49:28,170 --> 00:49:24,970

correspondence but the latter died in

1030

00:49:29,200 --> 00:49:28,180

December 40 Island Chiefs carried his

1031

00:49:32,290 --> 00:49:29,210

body to a

1032

00:49:34,540 --> 00:49:32,300

resting place on map via Samoa the

1033

00:49:36,610 --> 00:49:34,550

correspondent was of course Robert Louis

1034

00:49:44,200 --> 00:49:36,620

Stevenson author of The Strange Case of

1035

00:49:46,600 --> 00:49:44,210

dr. Jekyll and mr. Hyde that was what

1036

00:49:50,590 --> 00:49:46,610

goes around from the skeptic September

1037

00:49:54,550 --> 00:49:50,600

2016 and you can download all the issues

1038

00:49:55,300 --> 00:49:54,560

of the skeptic dating back to 1981 from

1039

00:49:58,720 --> 00:49:55,310

our website

1040

00:50:07,540 --> 00:49:58,730

skeptics comm dot a you for free

1041

00:50:07,550 --> 00:50:19,809

[Music]

1042

00:50:23,809 --> 00:50:22,220

thank you for listening to the skeptic

1043

00:50:25,880 --> 00:50:23,819

zone and thank you to Michele Franklin

1044

00:50:29,870 --> 00:50:25,890

Rochelle because my dr. Cassandra

1045

00:50:32,569 --> 00:50:29,880

Perryman and Tim Mendham for helping

1046

00:50:35,359 --> 00:50:32,579

make this week's show so interesting and

1047

00:50:38,539 --> 00:50:35,369

thank you to my friend Ciara Joan who

1048

00:50:41,269 --> 00:50:38,549

played the part of the cabin attendant

1049

00:50:43,819 --> 00:50:41,279

in the little typewriter sketch earlier

1050

00:50:45,589 --> 00:50:43,829

on coming up on next week's show more

1051
00:50:49,279 --> 00:50:45,599
logical fallacies from Michelle Vickers

1052
00:50:52,099 --> 00:50:49,289
MA and hopefully possibly I think we'll

1053
00:50:53,870 --> 00:50:52,109
do another think tank we'll get a

1054
00:50:56,809 --> 00:50:53,880
selection of reporters and maybe a

1055
00:51:00,680 --> 00:50:56,819
special guest or two and talk about

1056
00:51:02,839 --> 00:51:00,690
skeptical issues of the day whatever

1057
00:51:04,910 --> 00:51:02,849
happened to the UFOs and the Bigfoots

1058
00:51:06,859 --> 00:51:04,920
that's what I want to know thank you to

1059
00:51:09,470 --> 00:51:06,869
those people who continue to support the

1060
00:51:11,960 --> 00:51:09,480
skeptics owned by your kind weekly

1061
00:51:16,099 --> 00:51:11,970
contributions or monthly if its patreon

1062
00:51:19,130 --> 00:51:16,109
sort of at skeptic zone dot TV just go

1063
00:51:22,940 --> 00:51:19,140

there and click on the link for patreon

1064

00:51:26,089 --> 00:51:22,950

or PayPal and as I always say in as you

1065

00:51:27,950 --> 00:51:26,099

know full well it's only due to your

1066

00:51:32,059 --> 00:51:27,960

kind contributions that the show keeps

1067

00:51:32,569 --> 00:51:32,069

going so yes thank you very much but for

1068

00:51:34,789 --> 00:51:32,579

this week

1069

00:51:41,809 --> 00:51:34,799

this is Richard Saunders signing off

1070

00:51:43,849 --> 00:51:41,819

from Sydney Australia you've been

1071

00:51:50,779 --> 00:51:43,859

listening to the skeptic zone podcast

1072

00:51:53,239 --> 00:51:50,789

please visit our website at wwlp.com tax

1073

00:51:57,289 --> 00:51:53,249

and to access the back catalog of

1074

00:51:58,999 --> 00:51:57,299

episodes going back to 2008 you can

1075

00:52:02,059 --> 00:51:59,009

follow the skeptic zone podcast on

1076

00:52:04,339 --> 00:52:02,069

twitter at skeptic zone visit our

1077

00:52:05,229 --> 00:52:04,349

facebook page or leave a review on

1078

00:52:07,910 --> 00:52:05,239

itunes

1079

00:52:11,299 --> 00:52:07,920

you can also support the skeptic zone

1080

00:52:14,690 --> 00:52:11,309

via patreon or PayPal the skeptic zone

1081

00:52:16,400 --> 00:52:14,700

podcast is an independent production the

1082

00:52:18,559 --> 00:52:16,410

views and opinions expressed on the

1083

00:52:20,870 --> 00:52:18,569

skeptic zone are not necessarily those

1084

00:52:26,130 --> 00:52:20,880

of Australian skeptics or any other

1085

00:52:26,140 --> 00:52:34,520

you

1086

00:52:40,370 --> 00:52:37,700

a loads of the afterthoughts for people

1087

00:52:42,860 --> 00:52:40,380

who listen after the music ends to play

1088

00:52:44,840 --> 00:52:42,870

the dice game if you haven't heard this

1089

00:52:47,240 --> 00:52:44,850

section of the show before if you're new

1090

00:52:48,680 --> 00:52:47,250

or I don't know what we fall asleep

1091

00:52:51,320 --> 00:52:48,690

during the show a lot of people fall us

1092

00:52:54,110 --> 00:52:51,330

make up the show's over wake up and play

1093

00:52:55,700 --> 00:52:54,120

the dice game and we've got a d-10 that

1094

00:52:59,270 --> 00:52:55,710

inside to die here I'm gonna roll it

1095

00:53:03,620 --> 00:52:59,280

three times and you can use your magic

1096

00:53:07,070 --> 00:53:03,630

ability to see if you can guess or

1097

00:53:12,860 --> 00:53:07,080

predict what numbers will come up on the

1098

00:53:16,190 --> 00:53:12,870

die so here we go this is the susan

1099

00:53:18,530 --> 00:53:16,200

gerbic dice here they're all fives it's

1100

00:53:21,230 --> 00:53:18,540

going to come up five now no it's not

1101
00:53:23,240 --> 00:53:21,240
Susan always picks five okay Susan and

1102
00:53:26,120 --> 00:53:23,250
everybody here we go rolling the first

1103
00:53:32,780 --> 00:53:26,130
one of three rolls giving it a good

1104
00:53:36,350 --> 00:53:32,790
shake and why aren't I filming this why

1105
00:53:37,340 --> 00:53:36,360
aren't I filming this Susan it's 5 good

1106
00:53:39,680 --> 00:53:37,350
grief

1107
00:53:41,570 --> 00:53:39,690
I knew that people don't believe me they

1108
00:53:42,980 --> 00:53:41,580
say I just make up funny numbers to you

1109
00:53:46,900 --> 00:53:42,990
know suit the occasion or whatever I

1110
00:53:49,970 --> 00:53:46,910
don't okay

1111
00:53:55,610 --> 00:53:49,980
second roll coming up side - 5 second

1112
00:53:58,970 --> 00:53:55,620
roll 10 you see well that's 2 times 5 I

1113
00:54:07,940 --> 00:53:58,980

suppose just make a note of that last

1114

00:54:13,700 --> 00:54:07,950

one here we go final number is 1 so this

1115

00:54:17,960 --> 00:54:13,710

week's winning numbers 5 10 and 1 and if

1116

00:54:21,380 --> 00:54:17,970

you had 5 10 and 1 your prizes you get