



Show 96
20.July.2010

www.skepticzone.tv

1
00:00:08,839 --> 00:00:04,430
no time to spread the Vegemite on here

2
00:00:11,839 --> 00:00:08,849
we go this is the way we scraped it on

3
00:00:13,940 --> 00:00:11,849
spread their dong spread it on this is

4
00:00:26,310 --> 00:00:13,950
the way we spread it up for cheesy

5
00:00:40,529 --> 00:00:29,499
welcome to the skeptic zone the podcast

6
00:00:46,990 --> 00:00:43,360
hello and welcome to the skeptic zone

7
00:00:49,420 --> 00:00:47,000
episode number 96 for the 20th of august

8
00:00:53,350 --> 00:00:49,430
2010 Richard Saunders here with you once

9
00:00:55,780 --> 00:00:53,360
again from Sydney Australia episode 96

10
00:00:59,560 --> 00:00:55,790
good grief so it's about a month away

11
00:01:01,660 --> 00:00:59,570
until our big 100th show which all more

12
00:01:04,299 --> 00:01:01,670
or less coincide with our parents at

13
00:01:06,850 --> 00:01:04,309

dragoncon very shortly I will do a

14

00:01:08,320 --> 00:01:06,860

special birthday recording of the

15

00:01:11,590 --> 00:01:08,330

skeptic zone it'll be our two year

16

00:01:13,389 --> 00:01:11,600

anniversary all that's coming up but

17

00:01:16,359 --> 00:01:13,399

coming up on today's show we have an

18

00:01:19,359 --> 00:01:16,369

interview with bannerchek the famous

19

00:01:20,830 --> 00:01:19,369

Mentalist and magician now he's taken

20

00:01:23,889 --> 00:01:20,840

over at the James Randi Educational

21

00:01:25,600 --> 00:01:23,899

Foundation as the man responsible for

22

00:01:29,279 --> 00:01:25,610

looking after the 1 million dollar

23

00:01:31,570 --> 00:01:29,289

challenge more about Banacek soon and

24

00:01:34,359 --> 00:01:31,580

that'll be followed by a brief report

25

00:01:36,580 --> 00:01:34,369

from Canberra skeptics in the pub where

26

00:01:39,219 --> 00:01:36,590

last weekend dr. Rachel and I traveled

27

00:01:42,540 --> 00:01:39,229

down to give out talks I gave my talk on

28

00:01:46,089 --> 00:01:42,550

basic skepticism and dr. H she gave her

29

00:01:49,690 --> 00:01:46,099

doctor rachey reports talk after that

30

00:01:51,790 --> 00:01:49,700

it's dr. Reggie reports indeed looking

31

00:01:54,609 --> 00:01:51,800

once again at the latest shenanigans by

32

00:01:57,430 --> 00:01:54,619

those people at the anti-vaccination

33

00:01:59,979 --> 00:01:57,440

network and to wrap up the show we have

34

00:02:03,669 --> 00:01:59,989

the think tank a lengthy think tank

35

00:02:05,650 --> 00:02:03,679

today of lots of laughs a big thank you

36

00:02:09,339 --> 00:02:05,660

to all those people who are support the

37

00:02:11,380 --> 00:02:09,349

skeptic zone by simply subscribing for

38

00:02:14,199 --> 00:02:11,390

only a dollar a week and you can do that

39

00:02:16,150 --> 00:02:14,209

at skeptic zone TV every cent really

40

00:02:18,100 --> 00:02:16,160

does help us make the show and do things

41

00:02:20,860 --> 00:02:18,110

like travel about to reach lots and lots

42

00:02:22,479 --> 00:02:20,870

of people we are very very grateful

43

00:02:26,619 --> 00:02:22,489

indeed for all those people who helped

44

00:02:29,190 --> 00:02:26,629

us out in that way so it's time to sit

45

00:02:47,790 --> 00:02:29,200

back grab that lovely cappuccino and

46

00:02:53,200 --> 00:02:51,520

Steve Shaw better known as Banacek was

47

00:02:56,230 --> 00:02:53,210

born in England but raised in South

48

00:02:59,080 --> 00:02:56,240

Africa and Australia he has been

49

00:03:03,130 --> 00:02:59,090

performing magic since his arrival in

50

00:03:04,990 --> 00:03:03,140

the United States in 1976 bannerchek is

51
00:03:07,240 --> 00:03:05,000
renowned for fooling scientists at

52
00:03:09,280 --> 00:03:07,250
Washington University into believing

53
00:03:11,680 --> 00:03:09,290
that he supposed psychic abilities were

54
00:03:15,670 --> 00:03:11,690
genuine during the famous project alpha

55
00:03:16,870 --> 00:03:15,680
hoax in the early 1980s right now he is

56
00:03:20,110 --> 00:03:16,880
part of the James Randi Educational

57
00:03:22,750 --> 00:03:20,120
Foundation having just taken over the 1

58
00:03:24,850 --> 00:03:22,760
million dollar prize I caught up with

59
00:03:34,170 --> 00:03:24,860
the banner check at the amazing meeting

60
00:03:39,009 --> 00:03:37,150
and I'm delighted now to be back here in

61
00:03:40,839 --> 00:03:39,019
Las Vegas talking to van and check

62
00:03:43,270 --> 00:03:40,849
himself hi bana check hi good to be here

63
00:03:45,550 --> 00:03:43,280

now you've had an interesting morning I

64

00:03:47,860 --> 00:03:45,560

understand you've just been driving down

65

00:03:49,869 --> 00:03:47,870

Las Vegas Boulevard blindfold yeah you

66

00:03:51,369 --> 00:03:49,879

know there's an Australian television

67

00:03:52,720 --> 00:03:51,379

crew here and they're shooting and

68

00:03:55,270 --> 00:03:52,730

they're shooting a peace with myself and

69

00:03:56,800 --> 00:03:55,280

Randy and it's interesting that's a

70

00:04:00,729 --> 00:03:56,810

little plaything at this guy try to fool

71

00:04:02,289 --> 00:04:00,739

us with a crystal ball and everything

72

00:04:05,410 --> 00:04:02,299

and using modern technology but we

73

00:04:07,180 --> 00:04:05,420

busted him right away on it and he said

74

00:04:09,729 --> 00:04:07,190

you know what what do you think I could

75

00:04:11,350 --> 00:04:09,739

I could actually do to try to get the

76

00:04:12,690 --> 00:04:11,360

attention of the media because I told

77

00:04:16,360 --> 00:04:12,700

him he needed to get some media presence

78

00:04:17,680 --> 00:04:16,370

in order to be tested again and you know

79

00:04:19,360 --> 00:04:17,690

he said what what do you think i can do

80

00:04:20,740 --> 00:04:19,370

i said well let me show you and so we

81

00:04:22,540 --> 00:04:20,750

took him on a blindfold drive and his

82

00:04:24,550 --> 00:04:22,550

crew down Las Vegas Boulevard and some

83

00:04:28,210 --> 00:04:24,560

of the back roads down there here about

84

00:04:31,000 --> 00:04:28,220

peed their pants so that's a yeah that's

85

00:04:33,279 --> 00:04:31,010

a good start now I've been certainly am

86

00:04:36,040 --> 00:04:33,289

an admirer of yours for a long time and

87

00:04:39,010 --> 00:04:36,050

I four or five years ago I bought your

88

00:04:40,960 --> 00:04:39,020

DVD series which taught me all well

89

00:04:43,240 --> 00:04:40,970

taught me more I must say about

90

00:04:45,340 --> 00:04:43,250

metalbending not in mending thinking I

91

00:04:46,750 --> 00:04:45,350

can sincerely recommend recommend that

92

00:04:49,680 --> 00:04:46,760

that looked like it was a fun thing to

93

00:04:52,570 --> 00:04:49,690

shoot that it was a fun thing to shoot

94

00:04:53,890 --> 00:04:52,580

in 11 air but yeah there was so much it

95

00:04:56,529 --> 00:04:53,900

happen behind the season that we shot

96

00:04:57,730 --> 00:04:56,539

that whole DVD three times first time I

97

00:04:59,710 --> 00:04:57,740

got it back and then they had a problem

98

00:05:01,810 --> 00:04:59,720

with one of the channels on the mics um

99

00:05:03,670 --> 00:05:01,820

so then we have to fly all the way up to

100

00:05:04,750 --> 00:05:03,680

Connecticut and shoot it again and then

101

00:05:06,760 --> 00:05:04,760

when we were there we're shooting in

102

00:05:08,620 --> 00:05:06,770

some persons camera place and they kept

103

00:05:09,760 --> 00:05:08,630

having people come and go so then we had

104

00:05:12,400 --> 00:05:09,770

to stop and then we have to shoot again

105

00:05:14,170 --> 00:05:12,410

at night so in that aspect it was a pain

106

00:05:16,570 --> 00:05:14,180

in the butt to shoot yeah but overall

107

00:05:17,860 --> 00:05:16,580

I'm glad I did it I I'm proud of it I

108

00:05:19,000 --> 00:05:17,870

think there's some really good stuff on

109

00:05:20,950 --> 00:05:19,010

there all the metal bins that I

110

00:05:22,180 --> 00:05:20,960

invention and I have to do that because

111

00:05:24,610 --> 00:05:22,190

there was other people you're putting

112

00:05:27,219 --> 00:05:24,620

out dvds and tapes that had my benz on

113

00:05:29,140 --> 00:05:27,229

them so any lady credit yeah it's one of

114

00:05:31,029 --> 00:05:29,150

the reasons i got started when in magic

115

00:05:32,740 --> 00:05:31,039

putting out a lot of my stuff my very

116

00:05:36,040 --> 00:05:32,750

first thing is psychokinetic time and

117

00:05:38,080 --> 00:05:36,050

years ago when her gala was doing things

118

00:05:39,909 --> 00:05:38,090

thing with watches randy was going on TV

119

00:05:41,470 --> 00:05:39,919

and he was actually exposing the method

120

00:05:43,300 --> 00:05:41,480

of yes I'm pointing up the state

121

00:05:45,280 --> 00:05:43,310

changing the time yes I said well how

122

00:05:47,050 --> 00:05:45,290

can I convince people that I'm not

123

00:05:48,370 --> 00:05:47,060

pulling out the stem and I thought you

124

00:05:49,720 --> 00:05:48,380

know what if they take their watch off

125

00:05:51,130 --> 00:05:49,730

and I put it facedown in their hand and

126

00:05:52,960 --> 00:05:51,140

now I asked him the name and number

127

00:05:54,940 --> 00:05:52,970

after their hand is closed on it but I

128

00:05:56,380 --> 00:05:54,950

make the hands move that many minutes

129

00:05:57,760 --> 00:05:56,390

that would convince them I'm not pulling

130

00:05:58,990 --> 00:05:57,770

out the stem because I'm not touching to

131

00:06:00,910 --> 00:05:59,000

watch I'm far away from it and they

132

00:06:03,010 --> 00:06:00,920

named the number and that was the first

133

00:06:06,280 --> 00:06:03,020

effect one of the very first effects I

134

00:06:07,900 --> 00:06:06,290

actually put out per se and couldn't

135

00:06:09,700 --> 00:06:07,910

give them away back in the day and now

136

00:06:11,140 --> 00:06:09,710

every single Mentalist out there is

137

00:06:12,880 --> 00:06:11,150

performing psychokinetic time they're

138

00:06:15,190 --> 00:06:12,890

all performing it but the reason I put

139

00:06:18,100 --> 00:06:15,200

it out was I had taught a young magician

140

00:06:19,660 --> 00:06:18,110

the effect and I watched him later and

141

00:06:23,020 --> 00:06:19,670

saw him doing any was doing it very

142

00:06:24,910 --> 00:06:23,030

badly it was almost exposure uh-huh oh

143

00:06:27,190 --> 00:06:24,920

my god this is bad okay I better put all

144

00:06:29,200 --> 00:06:27,200

my subtleties into this book so other

145

00:06:31,360 --> 00:06:29,210

people can understand it and part of the

146

00:06:33,760 --> 00:06:31,370

intro to that book was mentioning this

147

00:06:35,380 --> 00:06:33,770

young man not by name and he calls me up

148

00:06:36,640 --> 00:06:35,390

on the telephone one day all excited oh

149

00:06:39,370 --> 00:06:36,650

you mention me in the book thank you

150

00:06:41,830 --> 00:06:39,380

thank you thank you why would you thank

151

00:06:44,020 --> 00:06:41,840

me for that you know and so a lot of

152

00:06:46,180 --> 00:06:44,030

times magicians put out their own

153

00:06:47,590 --> 00:06:46,190

material that they use specifically so

154

00:06:49,570 --> 00:06:47,600

that they can lay claim to it before

155

00:06:51,700 --> 00:06:49,580

somebody else does it's very cutthroat

156

00:06:54,790 --> 00:06:51,710

world magicians yeah really it is yeah

157

00:06:57,490 --> 00:06:54,800

unfortunately the video also has a

158

00:07:00,190 --> 00:06:57,500

sequence of course with you with a small

159

00:07:02,320 --> 00:07:00,200

audience so you can show how you present

160

00:07:04,300 --> 00:07:02,330

all the stuff I put out is real world

161

00:07:05,950 --> 00:07:04,310

stuff I mean other people of some

162

00:07:07,330 --> 00:07:05,960

magicians will try something once or

163

00:07:11,020 --> 00:07:07,340

they've never tried it and I put it on a

164

00:07:12,730 --> 00:07:11,030

DVD everything I put on my DVDs is real

165

00:07:14,740 --> 00:07:12,740

world it works in the real world you

166

00:07:18,520 --> 00:07:14,750

know and it will fool people it will end

167

00:07:20,500 --> 00:07:18,530

in the DVD to it they're seen you in

168

00:07:21,700 --> 00:07:20,510

restaurant absolutely yeah yeah yeah and

169

00:07:23,380 --> 00:07:21,710

you can see that you can see the actual

170

00:07:25,390 --> 00:07:23,390

reactions from the people yeah so the

171

00:07:27,040 --> 00:07:25,400

little crowd you had with the friends or

172

00:07:28,420 --> 00:07:27,050

don't cry don't know any of those beauty

173

00:07:29,950 --> 00:07:28,430

no no you just arrested on just a

174

00:07:31,120 --> 00:07:29,960

restaurant yeah just walking you say

175

00:07:32,590 --> 00:07:31,130

that manager hey can we know we're

176

00:07:35,440 --> 00:07:32,600

shooting a documentary documentary

177

00:07:36,910 --> 00:07:35,450

sounds better than a magic DVD you

178

00:07:37,840 --> 00:07:36,920

probably get some publicity as a result

179

00:07:39,520 --> 00:07:37,850

of it you know do you mind if we

180

00:07:41,050 --> 00:07:39,530

shooting you are no problem at all yes

181

00:07:42,640 --> 00:07:41,060

you know we always have to check and

182

00:07:43,810 --> 00:07:42,650

make sure that people hey do you mind if

183

00:07:45,490 --> 00:07:43,820

we show you something where we have a

184

00:07:46,960 --> 00:07:45,500

camera crew here okay I get them on

185

00:07:48,820 --> 00:07:46,970

camera saying they don't mind so yeah

186

00:07:50,159 --> 00:07:48,830

yeah it is just real world people

187

00:07:52,200 --> 00:07:50,169

nothing set up and the great

188

00:07:54,089 --> 00:07:52,210

reactions to the twists yeah yeah well

189

00:07:56,399 --> 00:07:54,099

getting director yeah now of course yo

190

00:07:57,809 --> 00:07:56,409

speaking of as metal bending is very

191

00:07:59,279 --> 00:07:57,819

dear to your heart because it's

192

00:08:01,050 --> 00:07:59,289

something that really sort of

193

00:08:04,050 --> 00:08:01,060

kick-started you into this whole world

194

00:08:05,700 --> 00:08:04,060

yes I was inventing your own bends when

195

00:08:07,619 --> 00:08:05,710

you were hearing about every girl you

196

00:08:09,779 --> 00:08:07,629

know what's what's interesting is is I

197

00:08:11,339 --> 00:08:09,789

had heard about early but I'd never seen

198

00:08:12,779 --> 00:08:11,349

early i lived in South Africa when he

199

00:08:14,909 --> 00:08:12,789

came to South Africa and I remember

200

00:08:16,469 --> 00:08:14,919

holding a little pin and being convinced

201
00:08:17,850 --> 00:08:16,479
that I could bend this pin even though

202
00:08:19,350 --> 00:08:17,860
I'd never been I kind of was just

203
00:08:21,450 --> 00:08:19,360
looking for something oh I think it

204
00:08:23,610 --> 00:08:21,460
might have you know compelling and that

205
00:08:25,499 --> 00:08:23,620
was because all the adults told me

206
00:08:27,089 --> 00:08:25,509
around me they all believed in it and so

207
00:08:29,159 --> 00:08:27,099
they told me it was real so if all the

208
00:08:31,469 --> 00:08:29,169
adults telling you it's real it has to

209
00:08:32,939 --> 00:08:31,479
be real so I was convinced it was and it

210
00:08:34,230 --> 00:08:32,949
was until I read Randy's book that I

211
00:08:36,389 --> 00:08:34,240
thought there might be another side to

212
00:08:38,610 --> 00:08:36,399
this and from Randy's book the truth

213
00:08:40,949 --> 00:08:38,620

about uri geller I was able to piece in

214

00:08:42,540 --> 00:08:40,959

my own mind what the Ben should look

215

00:08:45,000 --> 00:08:42,550

like and take some of the ideas of

216

00:08:47,160 --> 00:08:45,010

Randy's and and and impose him on my own

217

00:08:49,590 --> 00:08:47,170

thoughts and come up with my own methods

218

00:08:50,850 --> 00:08:49,600

for bending metal which were it's

219

00:08:52,829 --> 00:08:50,860

interesting cuz i was on the same stage

220

00:08:54,329 --> 00:08:52,839

with early years ago when i was

221

00:08:56,160 --> 00:08:54,339

pretending to be psychic and her return

222

00:08:57,960 --> 00:08:56,170

and he said these kids myself and mike

223

00:09:00,630 --> 00:08:57,970

edwards theatre stood on the project

224

00:09:02,819 --> 00:09:00,640

alpha well um yeah he said these kids

225

00:09:04,800 --> 00:09:02,829

can do things I can't do and I was doing

226

00:09:06,569 --> 00:09:04,810

things he couldn't do like big twists

227

00:09:08,699 --> 00:09:06,579

and different Ben's in the time Ben and

228

00:09:11,400 --> 00:09:08,709

the interesting thing was when I saw

229

00:09:13,110 --> 00:09:11,410

yellow for the very first time you never

230

00:09:14,550 --> 00:09:13,120

actually saw the metal bending you know

231

00:09:16,139 --> 00:09:14,560

but I have always convinced prior that

232

00:09:17,490 --> 00:09:16,149

you would see the metal bending but it

233

00:09:18,750 --> 00:09:17,500

was always a thing of covering the

234

00:09:20,759 --> 00:09:18,760

four-cross food and then taking your

235

00:09:22,980 --> 00:09:20,769

hand away that was bent yeah so not

236

00:09:25,050 --> 00:09:22,990

knowing that but hearing that the metal

237

00:09:26,160 --> 00:09:25,060

continues to bed hearing already oh look

238

00:09:28,319 --> 00:09:26,170

you can see it bending and people being

239

00:09:30,300 --> 00:09:28,329

convinced that it could yes I thought

240

00:09:32,220 --> 00:09:30,310

that every Bend had to be a bend where

241

00:09:34,199 --> 00:09:32,230

you could actually use issue at bending

242

00:09:35,790 --> 00:09:34,209

so that's why i created my benz that way

243

00:09:39,000 --> 00:09:35,800

so it's good that i hadn't seen him up

244

00:09:41,610 --> 00:09:39,010

to that point it's I've had a somebody

245

00:09:43,470 --> 00:09:41,620

in Australia when I interviewed me one

246

00:09:45,870 --> 00:09:43,480

stage or other and I said but every

247

00:09:48,480 --> 00:09:45,880

giver he just picks up the spoon looks

248

00:09:50,250 --> 00:09:48,490

at it and melts doesn't it and people oh

249

00:09:52,230 --> 00:09:50,260

that because that's the verbiage it's

250

00:09:53,639 --> 00:09:52,240

been put out there you know now gallows

251

00:09:55,470 --> 00:09:53,649

advanced some I think in some of the

252

00:09:57,090 --> 00:09:55,480

bends from what I had seen in the early

253

00:09:59,040 --> 00:09:57,100

days and some of the bends you actually

254

00:10:01,680 --> 00:09:59,050

see bending oh you know I

255

00:10:05,160 --> 00:10:01,690

don't know if I influenced that or maybe

256

00:10:06,630 --> 00:10:05,170

not you know but he now the key was one

257

00:10:08,430 --> 00:10:06,640

that you actually did see they do that

258

00:10:10,530 --> 00:10:08,440

was one of the few that you and the nail

259

00:10:12,329 --> 00:10:10,540

that was the few that you actually saw

260

00:10:14,820 --> 00:10:12,339

the item bending yeah back in the early

261

00:10:17,190 --> 00:10:14,830

days you get that's right I remember

262

00:10:20,040 --> 00:10:17,200

seeing what I've got quite a collection

263

00:10:21,990 --> 00:10:20,050

of Gilliam videos and now on the

264

00:10:23,699 --> 00:10:22,000

Internet of course everything I can go

265

00:10:25,170 --> 00:10:23,709

through YouTube and it's all there I

266

00:10:26,940 --> 00:10:25,180

don't know why I bother even and

267

00:10:28,829 --> 00:10:26,950

capturing it to my own computer because

268

00:10:32,130 --> 00:10:28,839

it's it's there for the world to see and

269

00:10:34,980 --> 00:10:32,140

I once put out a little video myself

270

00:10:37,920 --> 00:10:34,990

where he was doing a key bend to show

271

00:10:40,769 --> 00:10:37,930

that the angle had not changed yeah yeah

272

00:10:42,720 --> 00:10:40,779

from beginning to end and gala had it

273

00:10:45,150 --> 00:10:42,730

removed off my youtube channel did he

274

00:10:48,329 --> 00:10:45,160

yeah Oh what is my connection of the

275

00:10:50,250 --> 00:10:48,339

regular ah yeah yeah well you know he

276

00:10:52,110 --> 00:10:50,260

has the rights to a lot of that stuff or

277

00:10:53,910 --> 00:10:52,120

utilizes people that do have the rights

278

00:10:57,150 --> 00:10:53,920

to get that stuff removed so he's still

279

00:11:00,900 --> 00:10:57,160

um you know he's apart from being famous

280

00:11:02,790 --> 00:11:00,910

for his metal bending abilities yeah we

281

00:11:04,620 --> 00:11:02,800

say he's also famous for being

282

00:11:06,060 --> 00:11:04,630

incredibly led to do stand suing at the

283

00:11:08,780 --> 00:11:06,070

drop of a hat I don't know if he's still

284

00:11:11,910 --> 00:11:08,790

that carried away I heard Wiseman got

285

00:11:13,380 --> 00:11:11,920

sued recently you know over something

286

00:11:14,880 --> 00:11:13,390

because in England it's interesting that

287

00:11:17,940 --> 00:11:14,890

libel laws are now changing over there

288

00:11:20,190 --> 00:11:17,950

um it's not what your intent over there

289

00:11:22,680 --> 00:11:20,200

it's what people take away from what you

290

00:11:24,750 --> 00:11:22,690

say and there was something i think that

291

00:11:27,090 --> 00:11:24,760

early may have been told that Wiseman

292

00:11:29,550 --> 00:11:27,100

said that people walked away with a

293

00:11:31,620 --> 00:11:29,560

certain belief but Wiseman taped it and

294

00:11:33,870 --> 00:11:31,630

was able to show no no h-he really does

295

00:11:35,370 --> 00:11:33,880

but he taped his talk and was able to

296

00:11:37,680 --> 00:11:35,380

show know people could not have walked

297

00:11:39,240 --> 00:11:37,690

away believing that unless they wanted

298

00:11:40,889 --> 00:11:39,250

to you know but there's no they would

299

00:11:43,019 --> 00:11:40,899

have had to insert it some some of their

300

00:11:44,280 --> 00:11:43,029

own personal thoughts majorly have to

301
00:11:48,060 --> 00:11:44,290
have done that so he's able to get out

302
00:11:50,540 --> 00:11:48,070
of that suit yeah yeah it's it's quite

303
00:11:52,190 --> 00:11:50,550
interesting sometimes I do

304
00:11:55,699 --> 00:11:52,200
in Australia for schools high school

305
00:11:58,400 --> 00:11:55,709
team and I begin with a classic spoon

306
00:12:00,740 --> 00:11:58,410
mend and what I really love is the fact

307
00:12:03,769 --> 00:12:00,750
that all the students have never seen it

308
00:12:06,009 --> 00:12:03,779
ya know yes it was a spoon bending now

309
00:12:09,380 --> 00:12:06,019
you'd think if it was a legitimate magic

310
00:12:11,120 --> 00:12:09,390
psychic thing way back in the seventies

311
00:12:12,949 --> 00:12:11,130
that would be entrenched in our society

312
00:12:14,840 --> 00:12:12,959
by now but now the kids happen you know

313
00:12:16,100 --> 00:12:14,850

every generation is different and and

314

00:12:17,329 --> 00:12:16,110

and that's one of the things about this

315

00:12:19,310 --> 00:12:17,339

you know we can only deal with the here

316

00:12:20,569 --> 00:12:19,320

and now it's interesting you mentioned

317

00:12:22,100 --> 00:12:20,579

schools because I used to do a lot of

318

00:12:23,870 --> 00:12:22,110

schools at one point and I would come

319

00:12:25,250 --> 00:12:23,880

out and I would perform i would do

320

00:12:26,960 --> 00:12:25,260

impossible things and then i would ask

321

00:12:28,519 --> 00:12:26,970

the students i say how many of you

322

00:12:29,990 --> 00:12:28,529

believe that what you just saw was real

323

00:12:31,759 --> 00:12:30,000

and ninety percent of the hands would go

324

00:12:33,980 --> 00:12:31,769

up because it really look real you know

325

00:12:36,230 --> 00:12:33,990

them they had no explanation and I say

326

00:12:38,630 --> 00:12:36,240

how many people do not believe and you

327

00:12:40,850 --> 00:12:38,640

see us they five six seven hands go up

328

00:12:42,259 --> 00:12:40,860

you know and and then I would say to him

329

00:12:43,940 --> 00:12:42,269

I say why don't you think it's real and

330

00:12:45,470 --> 00:12:43,950

the person says well because my dad told

331

00:12:46,699 --> 00:12:45,480

me that stuff's not real and then I'd

332

00:12:47,960 --> 00:12:46,709

asked another kid I said why don't you

333

00:12:49,519 --> 00:12:47,970

think it's real oh because i read in a

334

00:12:51,380 --> 00:12:49,529

paper or a book that it's not real and

335

00:12:52,519 --> 00:12:51,390

and those are the kind of answers i was

336

00:12:53,900 --> 00:12:52,529

getting and then i would turn to those

337

00:12:55,010 --> 00:12:53,910

five six people i say you know you're

338

00:12:56,630 --> 00:12:55,020

right and they'd get a big smile on

339

00:12:59,240 --> 00:12:56,640

their face that's it but for the wrong

340

00:13:00,560 --> 00:12:59,250

reasons yeah yeah I said you know these

341

00:13:03,199 --> 00:13:00,570

other kids saw something they couldn't

342

00:13:05,240 --> 00:13:03,209

explain and hence they believe that what

343

00:13:06,139 --> 00:13:05,250

they saw was real about maybe they

344

00:13:08,810 --> 00:13:06,149

should have SAT back and said I don't

345

00:13:10,190 --> 00:13:08,820

have enough facts but you were doing the

346

00:13:11,449 --> 00:13:10,200

exact same thing was just in a different

347

00:13:12,769 --> 00:13:11,459

way really what you're doing is you're

348

00:13:14,750 --> 00:13:12,779

sitting back and you're going on what

349

00:13:16,880 --> 00:13:14,760

somebody else tells you let me tell you

350

00:13:18,829 --> 00:13:16,890

a story when I was a kid all the adults

351

00:13:21,110 --> 00:13:18,839

around me told me that this man was

352

00:13:23,060 --> 00:13:21,120

really convince mind and so I believed

353

00:13:24,530 --> 00:13:23,070

it you know and they had told me it

354

00:13:26,630 --> 00:13:24,540

wasn't real I would have believed that

355

00:13:28,430 --> 00:13:26,640

too you're much better off saying I

356

00:13:29,960 --> 00:13:28,440

don't know and that's part of the

357

00:13:31,819 --> 00:13:29,970

problem with the educational process now

358

00:13:34,010 --> 00:13:31,829

is kids are so scared to say I don't

359

00:13:35,660 --> 00:13:34,020

know and sometimes that's the smartest

360

00:13:38,030 --> 00:13:35,670

answer you can give because the moment

361

00:13:40,760 --> 00:13:38,040

you say I don't know you can add to that

362

00:13:43,040 --> 00:13:40,770

but I will find out somebody who does oh

363

00:13:44,360 --> 00:13:43,050

I will look for the answer and then you

364

00:13:46,400 --> 00:13:44,370

go out and you look for the right person

365

00:13:47,720 --> 00:13:46,410

and that's that that is often the

366

00:13:49,759 --> 00:13:47,730

problem with the skeptics movement too

367

00:13:51,259 --> 00:13:49,769

isn't it I mean you get skeptical about

368

00:13:52,310 --> 00:13:51,269

things you get a lot of information

369

00:13:54,110 --> 00:13:52,320

about all these different things and you

370

00:13:56,030 --> 00:13:54,120

think you know everything you know and

371

00:13:57,500 --> 00:13:56,040

you don't you know I you know Phil Plait

372

00:13:59,000 --> 00:13:57,510

gave a talk yesterday one of the things

373

00:13:59,250 --> 00:13:59,010

he said when people come up to him you

374

00:14:01,080 --> 00:13:59,260

know

375

00:14:02,820 --> 00:14:01,090

no he's a skeptic as long as they're

376

00:14:05,130 --> 00:14:02,830

talking about astrology he's okay he's

377

00:14:06,300 --> 00:14:05,140

fine because he does know that stuff but

378

00:14:07,740 --> 00:14:06,310

the moment they start talking about

379

00:14:09,360 --> 00:14:07,750

things outside of his area immediately

380

00:14:11,040 --> 00:14:09,370

says look you know I'm skeptical about

381

00:14:12,690 --> 00:14:11,050

it but you know here's a person you

382

00:14:14,760 --> 00:14:12,700

should speak to I'm not the person to

383

00:14:16,140 --> 00:14:14,770

speak to about that but so many skeptics

384

00:14:17,640 --> 00:14:16,150

don't do that you know they just take

385

00:14:18,810 --> 00:14:17,650

the little bits of information that they

386

00:14:21,120 --> 00:14:18,820

have and they throw it out there to

387

00:14:22,170 --> 00:14:21,130

support their argument when they're much

388

00:14:24,180 --> 00:14:22,180

better off saying you know what I'm

389

00:14:25,800 --> 00:14:24,190

skeptical about it you know because of

390

00:14:27,630 --> 00:14:25,810

this this and this but I don't have all

391

00:14:29,040 --> 00:14:27,640

the facts and there's nothing wrong with

392

00:14:31,470 --> 00:14:29,050

saying there's nothing wrong with saying

393

00:14:33,630 --> 00:14:31,480

it although it is tempting to keep going

394

00:14:36,090 --> 00:14:33,640

oh no it is it is very tempting you know

395

00:14:37,710 --> 00:14:36,100

we we all want to seem like we're

396

00:14:39,180 --> 00:14:37,720

smarter than we already do you know I

397

00:14:41,010 --> 00:14:39,190

think that's you know that's just

398

00:14:43,020 --> 00:14:41,020

insecurities creeping in you know people

399

00:14:45,030 --> 00:14:43,030

people that are very insecure attend to

400

00:14:46,350 --> 00:14:45,040

try to cover it up by trying to pretend

401
00:14:48,060 --> 00:14:46,360
that they're very smart but sometimes

402
00:14:50,280 --> 00:14:48,070
the smartest people in the world they're

403
00:14:51,690 --> 00:14:50,290
the quietest people in the room when you

404
00:14:53,220 --> 00:14:51,700
enter one-on-one conversation with them

405
00:14:54,930 --> 00:14:53,230
you know they sit back they listen and

406
00:14:56,490 --> 00:14:54,940
they learn from what other people are

407
00:14:59,310 --> 00:14:56,500
saying and they learn to strengthen

408
00:15:01,410 --> 00:14:59,320
their own arguments by listening yeah so

409
00:15:03,120 --> 00:15:01,420
at the moment apart from of course

410
00:15:06,690 --> 00:15:03,130
appearing here it'd be amazing leading

411
00:15:09,480 --> 00:15:06,700
in Las Vegas what else is in the in the

412
00:15:11,250 --> 00:15:09,490
pipeline for them well tomorrow we are

413
00:15:12,900 --> 00:15:11,260

going to announce that I'm taking over

414

00:15:15,180 --> 00:15:12,910

the million-dollar challenge I'm taking

415

00:15:16,380 --> 00:15:15,190

the reins of that so a lot of exciting

416

00:15:18,690 --> 00:15:16,390

things that we're going to be doing with

417

00:15:20,820 --> 00:15:18,700

that trying to get a little bit more put

418

00:15:22,800 --> 00:15:20,830

it more into the media I try to be a

419

00:15:24,780 --> 00:15:22,810

little bit more proactive going after

420

00:15:26,280 --> 00:15:24,790

some you know high-profile psychics not

421

00:15:28,290 --> 00:15:26,290

the will succeed with any of that but at

422

00:15:31,050 --> 00:15:28,300

least at least bring attention to it yes

423

00:15:33,090 --> 00:15:31,060

arm and have more live demonstrations if

424

00:15:34,800 --> 00:15:33,100

we can more alive MDC million-dollar

425

00:15:36,450 --> 00:15:34,810

challenge demonstrations with it like

426

00:15:38,220 --> 00:15:36,460

we've got a little eyes no we don't have

427

00:15:40,020 --> 00:15:38,230

one we don't have one to what we have

428

00:15:42,390 --> 00:15:40,030

tomorrow is we have a demonstration

429

00:15:43,500 --> 00:15:42,400

that's totally different I have a

430

00:15:46,080 --> 00:15:43,510

psychic here who's willing to

431

00:15:47,640 --> 00:15:46,090

demonstrate her ability right not under

432

00:15:48,990 --> 00:15:47,650

any controlled conditions it shouldn't

433

00:15:50,580 --> 00:15:49,000

be misconstrued that it's controlled

434

00:15:52,800 --> 00:15:50,590

conditions in any way whatsoever there's

435

00:15:54,480 --> 00:15:52,810

no controls on this in fact because what

436

00:15:56,400 --> 00:15:54,490

I want people to take a look at is I

437

00:15:58,770 --> 00:15:56,410

want them to realize how difficult it is

438

00:16:00,360 --> 00:15:58,780

to come up with a set of controls for

439

00:16:01,800 --> 00:16:00,370

somebody so I thought this would be a

440

00:16:02,910 --> 00:16:01,810

nice way and I know I could blow up in

441

00:16:05,160 --> 00:16:02,920

my face who knows you know

442

00:16:07,949 --> 00:16:05,170

sunday and all their about it until next

443

00:16:10,230 --> 00:16:07,959

year you know d myself next year but um

444

00:16:11,879 --> 00:16:10,240

we wanted to get somebody to do a live a

445

00:16:14,310 --> 00:16:11,889

life challenge here but we couldn't get

446

00:16:15,870 --> 00:16:14,320

anybody I mean it was it was a thing of

447

00:16:17,699 --> 00:16:15,880

getting an affidavit and all those

448

00:16:19,530 --> 00:16:17,709

things they just people just be it's a

449

00:16:20,699 --> 00:16:19,540

lot more difficult to get somebody to

450

00:16:22,740 --> 00:16:20,709

follow through on the challenge as much

451
00:16:25,019 --> 00:16:22,750
as they want to then you would think it

452
00:16:27,150 --> 00:16:25,029
really really is and then setting up the

453
00:16:29,009 --> 00:16:27,160
challenge in such a way that you're

454
00:16:30,840 --> 00:16:29,019
being fair to the claimant and you're

455
00:16:32,400 --> 00:16:30,850
being fair to your own controls you're

456
00:16:33,449 --> 00:16:32,410
not conceding anything at the same time

457
00:16:34,769 --> 00:16:33,459
but you're trying to do it in an

458
00:16:36,269 --> 00:16:34,779
environment that works well for the

459
00:16:37,920 --> 00:16:36,279
claimant yeah so that afterwards the

460
00:16:38,879 --> 00:16:37,930
claim it doesn't say oh but I can't

461
00:16:40,050 --> 00:16:38,889
couldn't do it because of this so I

462
00:16:42,509 --> 00:16:40,060
couldn't do it because of that they

463
00:16:44,280 --> 00:16:42,519

always do always do they always do but

464

00:16:45,569 --> 00:16:44,290

we always try to cater to as much of

465

00:16:47,460 --> 00:16:45,579

that as we can as long as it doesn't

466

00:16:50,579 --> 00:16:47,470

take away from our controls yeah and

467

00:16:52,439 --> 00:16:50,589

it's a very good point they always do so

468

00:16:54,269 --> 00:16:52,449

far no I thought last year was gonna be

469

00:16:58,500 --> 00:16:54,279

the one that didn't her name was Connie

470

00:17:00,019 --> 00:16:58,510

Connie sana sana yeah yeah and she was

471

00:17:03,420 --> 00:17:00,029

interesting because she said I cheated

472

00:17:05,549 --> 00:17:03,430

but she accused me Gina which was which

473

00:17:07,260 --> 00:17:05,559

was really interesting because you know

474

00:17:09,990 --> 00:17:07,270

at the press conference she did allude

475

00:17:11,760 --> 00:17:10,000

that they whoever this elusive lately I

476

00:17:13,890 --> 00:17:11,770

told her it was not time for her to show

477

00:17:15,299 --> 00:17:13,900

her powers remember abilities not the

478

00:17:17,819 --> 00:17:15,309

Obama said you can't have it both ways

479

00:17:18,990 --> 00:17:17,829

you can't have that they tell you that

480

00:17:21,990 --> 00:17:19,000

it's not time for you to show your

481

00:17:24,569 --> 00:17:22,000

abilities and I cheated you you know it

482

00:17:25,770 --> 00:17:24,579

can't be both ways so surely they would

483

00:17:28,289 --> 00:17:25,780

have told you I cheated you at that

484

00:17:30,570 --> 00:17:28,299

press conference yeah that's right they

485

00:17:32,610 --> 00:17:30,580

did not do this whole concept this whole

486

00:17:35,430 --> 00:17:32,620

concept of day is a good one I've come

487

00:17:37,830 --> 00:17:35,440

across it so many times oh it's not me

488

00:17:39,480 --> 00:17:37,840

it's what I'm being told by them yes

489

00:17:41,700 --> 00:17:39,490

yeah well that takes that takes the

490

00:17:43,470 --> 00:17:41,710

responsibility wave right yes that

491

00:17:46,110 --> 00:17:43,480

person you know too if they can put it

492

00:17:47,430 --> 00:17:46,120

off on somebody else so um yeah you know

493

00:17:48,600 --> 00:17:47,440

and the whole thing of Jeannie I can see

494

00:17:49,950 --> 00:17:48,610

what the cards I was just trying to move

495

00:17:51,930 --> 00:17:49,960

it along a little quick at that point

496

00:17:53,940 --> 00:17:51,940

she'd already fail yeah at the point

497

00:17:55,530 --> 00:17:53,950

where she says I cheated yeah but I know

498

00:17:57,810 --> 00:17:55,540

that there were some magicians behind

499

00:17:59,640 --> 00:17:57,820

the scenes that want people they'd like

500

00:18:00,780 --> 00:17:59,650

to storm some trouble and that's that's

501
00:18:02,340 --> 00:18:00,790
a shame we want people to think that

502
00:18:04,200 --> 00:18:02,350
they're genuine when they're actually

503
00:18:05,340 --> 00:18:04,210
magicians themselves so they got her a

504
00:18:06,539 --> 00:18:05,350
stir it up in some way you could've

505
00:18:08,760 --> 00:18:06,549
cheated you this way could it you know

506
00:18:10,049 --> 00:18:08,770
that way so yeah we deal with that I

507
00:18:11,490 --> 00:18:10,059
just don't pay any attention to it I

508
00:18:13,020 --> 00:18:11,500
don't reply to it I don't

509
00:18:14,940 --> 00:18:13,030
Ned's there's no point because the

510
00:18:16,170 --> 00:18:14,950
moment you do that yeah they'll come

511
00:18:17,490 --> 00:18:16,180
back with something else and yeah it

512
00:18:18,720 --> 00:18:17,500
just becomes a shouting match back and

513
00:18:21,090 --> 00:18:18,730

forth there's just no point in it you

514

00:18:22,710 --> 00:18:21,100

know she agreed to the protocol ahead of

515

00:18:24,060 --> 00:18:22,720

time she did yep and she can always come

516

00:18:26,670 --> 00:18:24,070

back and apply again and we could test

517

00:18:28,710 --> 00:18:26,680

her again yeah so if people want to find

518

00:18:30,900 --> 00:18:28,720

out more about what you are up to in a

519

00:18:32,520 --> 00:18:30,910

bit a bit more about your history where

520

00:18:36,180 --> 00:18:32,530

can they hear well then go to banish a

521

00:18:38,970 --> 00:18:36,190

calm and they can find me there they can

522

00:18:42,060 --> 00:18:38,980

go to vanish X blogger blogspot there I

523

00:18:44,130 --> 00:18:42,070

primarily talk about the psychology of

524

00:18:45,540 --> 00:18:44,140

human nature you know and how it applies

525

00:18:46,800 --> 00:18:45,550

to things that happen in my life so I

526

00:18:48,690 --> 00:18:46,810

try to put some interesting stories on

527

00:18:49,710 --> 00:18:48,700

there hopefully one day that all come

528

00:18:50,910 --> 00:18:49,720

together and be a book I don't know

529

00:18:52,350 --> 00:18:50,920

we'll see what happens with that they

530

00:18:55,740 --> 00:18:52,360

can go to Facebook it's interesting

531

00:18:58,740 --> 00:18:55,750

because facebook i had banachek um but I

532

00:19:00,630 --> 00:18:58,750

had an old is P yeah and all whenever I

533

00:19:02,400 --> 00:19:00,640

try to change the email on it now it

534

00:19:04,530 --> 00:19:02,410

goes to that is because I forgot what

535

00:19:08,520 --> 00:19:04,540

the password was so I have to get a ban

536

00:19:10,530 --> 00:19:08,530

a and then check but there is a banner

537

00:19:12,210 --> 00:19:10,540

check fan page as well so you can get me

538

00:19:14,790 --> 00:19:12,220

through that as well I'm and of course

539

00:19:16,950 --> 00:19:14,800

Twitter so yeah you're everywhere I am

540

00:19:19,680 --> 00:19:16,960

everywhere you know yeah I'm coming up

541

00:19:21,660 --> 00:19:19,690

on that 5,000 that area we just end up

542

00:19:22,890 --> 00:19:21,670

going into this gully you know 5,000

543

00:19:25,350 --> 00:19:22,900

friend mark so I don't know what's going

544

00:19:26,640 --> 00:19:25,360

to happen at that point Banacek thank

545

00:19:36,310 --> 00:19:26,650

you very much it's been my pleasure my

546

00:19:41,690 --> 00:19:39,649

this is your own n laura from sapphic

547

00:19:44,060 --> 00:19:41,700

severe The Skeptical podcast for hebrew

548

00:19:49,490 --> 00:19:44,070

speakers come listen to all things and

549

00:19:58,039 --> 00:19:49,500

holy in the holy language at WWF XE OTL

550

00:20:00,289 --> 00:19:58,049

is mohammad asif in australia last

551
00:20:03,320 --> 00:20:00,299
weekend dr. rich and i enjoyed a lovely

552
00:20:05,899 --> 00:20:03,330
trip down to Canberra where we spoke to

553
00:20:09,049 --> 00:20:05,909
Canberra skeptics in the pub we had a

554
00:20:10,639 --> 00:20:09,059
wonderful time a good day out and here

555
00:20:12,950 --> 00:20:10,649
are a few clips from some of the people

556
00:20:20,710 --> 00:20:12,960
I met along the way and a big thank you

557
00:20:25,490 --> 00:20:23,509
so I'm here at king o Malley's in

558
00:20:27,409 --> 00:20:25,500
Canberra with dr. reach and I have just

559
00:20:30,019 --> 00:20:27,419
an hour skeptics in the pub talk and I'm

560
00:20:31,009 --> 00:20:30,029
talking with Alex stock hello Alex and

561
00:20:32,960 --> 00:20:31,019
you've come along to see us today

562
00:20:35,149 --> 00:20:32,970
certainly have and your your local you

563
00:20:36,470 --> 00:20:35,159

yes I am and you're just telling me that

564

00:20:38,480 --> 00:20:36,480

you've been working your way through all

565

00:20:41,560 --> 00:20:38,490

19 6 or whatever it is episode to the

566

00:20:43,549 --> 00:20:41,570

skeptics yeah over the past few months

567

00:20:45,769 --> 00:20:43,559

infiltrator and he didn't expect to be

568

00:20:48,320 --> 00:20:45,779

interviewed today either no no but I

569

00:20:49,580 --> 00:20:48,330

kind of hoped exactly yeah and did I

570

00:20:52,220 --> 00:20:49,590

hope you enjoyed our talks I certainly

571

00:20:54,500 --> 00:20:52,230

did yeah stuck away at the back fats and

572

00:20:56,659 --> 00:20:54,510

killers in the way but got the gist of

573

00:20:58,190 --> 00:20:56,669

it yeah it was great great to see you

574

00:21:01,190 --> 00:20:58,200

and dr. rachey after hearing your voice

575

00:21:02,870 --> 00:21:01,200

so many times I will spin our pleasure

576
00:21:04,759 --> 00:21:02,880
to come down here and I'm delighted to

577
00:21:07,519 --> 00:21:04,769
say the pub was absolutely packed today

578
00:21:09,379 --> 00:21:07,529
what do you think of over 150 people or

579
00:21:13,519 --> 00:21:09,389
something I this is andrew gould I think

580
00:21:15,470 --> 00:21:13,529
we got at least 120 in here I was really

581
00:21:18,830 --> 00:21:15,480
good it was really impressed to see so

582
00:21:20,450 --> 00:21:18,840
many people meet you now it's very

583
00:21:21,769 --> 00:21:20,460
pleased to see such a big tournament

584
00:21:23,299 --> 00:21:21,779
people sort of milling around at the

585
00:21:25,879 --> 00:21:23,309
moment asking us questions and having a

586
00:21:27,500 --> 00:21:25,889
chat and we're handing out some stickers

587
00:21:28,760 --> 00:21:27,510
here from the token skeptic podcast and

588
00:21:32,570 --> 00:21:28,770

other goodies

589

00:21:34,280 --> 00:21:32,580

yes ma'am I do in fact have not told of

590

00:21:37,460 --> 00:21:34,290

them and thank you very much my pleasure

591

00:21:39,170 --> 00:21:37,470

and I'm now talking to another guest

592

00:21:40,760 --> 00:21:39,180

here another person has come along to

593

00:21:43,970 --> 00:21:40,770

cease at the pub hello it's Nicole isn't

594

00:21:45,530 --> 00:21:43,980

it yes it is hi now you wrote to me and

595

00:21:48,860 --> 00:21:45,540

said that you listen to the skeptics and

596

00:21:50,360 --> 00:21:48,870

when when you're doing what my husband

597

00:21:51,530 --> 00:21:50,370

and I were listening to the skeptic so

598

00:21:54,380 --> 00:21:51,540

in a few months ago when we were driving

599

00:21:55,580 --> 00:21:54,390

to our wedding now some people have got

600

00:21:56,990 --> 00:21:55,590

more important things about their things

601
00:22:02,120 --> 00:21:57,000
to think about when they own their wage

602
00:22:04,550 --> 00:22:02,130
there I was getting a bit antsy so I

603
00:22:07,040 --> 00:22:04,560
thought okay we listen to something kind

604
00:22:09,140 --> 00:22:07,050
of a bit of distraction and it worked oh

605
00:22:13,580 --> 00:22:09,150
good so you did get married after all

606
00:22:15,290 --> 00:22:13,590
yes thanks to the skeptics army well I'm

607
00:22:19,430 --> 00:22:15,300
really pleased that you both came along

608
00:22:20,780 --> 00:22:19,440
here today hello oh I look to my Lou so

609
00:22:23,540 --> 00:22:20,790
thank you both for coming along and

610
00:22:25,250 --> 00:22:23,550
people started oh no we're still people

611
00:22:26,450 --> 00:22:25,260
are still crowded around chatting to us

612
00:22:28,430 --> 00:22:26,460
at the moment but the pub is slowly

613
00:22:31,430 --> 00:22:28,440

getting back to normal but it was a

614

00:22:34,450 --> 00:22:31,440

great turnout it was fantastic so thank

615

00:22:38,450 --> 00:22:34,460

you and dr. Wei Qi for coming thank you

616

00:22:40,490 --> 00:22:38,460

so under the events just about over now

617

00:22:42,110 --> 00:22:40,500

I'm thank you very much for helping said

618

00:22:43,850 --> 00:22:42,120

that up no worries thanks for coming

619

00:22:46,010 --> 00:22:43,860

down it was fantastic really really

620

00:22:48,590 --> 00:22:46,020

enjoyed it now if our listeners in the

621

00:22:51,500 --> 00:22:48,600

camry or it came to be more active and

622

00:22:53,780 --> 00:22:51,510

do more skeptical activities with you

623

00:22:56,990 --> 00:22:53,790

especially how can they go back well you

624

00:22:59,510 --> 00:22:57,000

can google Canberra skeptics the URL of

625

00:23:01,160 --> 00:22:59,520

that website isn't very user friendly so

626
00:23:02,540 --> 00:23:01,170
so I just do a google it comes up at the

627
00:23:05,770 --> 00:23:02,550
top if you do those Canberra skeptics

628
00:23:07,790 --> 00:23:05,780
they will list their monthly lecture

629
00:23:10,280 --> 00:23:07,800
unfortunately for listeners of this

630
00:23:12,230 --> 00:23:10,290
podcast the next one is tomorrow that's

631
00:23:15,290 --> 00:23:12,240
Monday but but that's that's dr. Martin

632
00:23:17,840 --> 00:23:15,300
bridge stock alright and so yeah we're

633
00:23:21,290 --> 00:23:17,850
quite excited to have him come up and

634
00:23:23,210 --> 00:23:21,300
give us a talk on the talk is issuing

635
00:23:26,000 --> 00:23:23,220
issues that divide schematics yes you

636
00:23:27,530 --> 00:23:26,010
nursing talk yeah it does sound very

637
00:23:29,150 --> 00:23:27,540
interesting this is your normal watering

638
00:23:31,220 --> 00:23:29,160

hole this is our normal watering hole

639

00:23:32,690 --> 00:23:31,230

pink King o'malley's irish pub it's fun

640

00:23:34,610 --> 00:23:32,700

listeners this is a really great

641

00:23:36,620 --> 00:23:34,620

location for a talk or a get together

642

00:23:37,470 --> 00:23:36,630

it's a fantastic spots for skeptics in

643

00:23:39,600 --> 00:23:37,480

the pub

644

00:23:42,240 --> 00:23:39,610

if you're in the acct for anywhere near

645

00:23:44,730 --> 00:23:42,250

Canberra this is the place to be Google

646

00:23:47,310 --> 00:23:44,740

Canberra skeptics meet up to yes we're

647

00:23:48,960 --> 00:23:47,320

on meetup we're on facebook Canberra

648

00:23:51,600 --> 00:23:48,970

skeptics in the pub on facebook we hold

649

00:23:54,539 --> 00:23:51,610

a monthly meetup third Sunday of every

650

00:23:57,030 --> 00:23:54,549

month starting usually about two o'clock

651
00:23:58,950 --> 00:23:57,040
as we did today sometimes we have a

652
00:24:00,510 --> 00:23:58,960
speaker sometimes we don't there's

653
00:24:03,450 --> 00:24:00,520
always good conversation and good people

654
00:24:06,720 --> 00:24:03,460
so regardless of whether you you want a

655
00:24:09,330 --> 00:24:06,730
a big event like we had today or just a

656
00:24:11,220 --> 00:24:09,340
small gathering of 15 to 20 people we

657
00:24:13,650 --> 00:24:11,230
have both it's fantastic that's a

658
00:24:27,620 --> 00:24:13,660
message everybody local skepticism in

659
00:24:36,659 --> 00:24:30,990
now it's time for dr. Rachel reports

660
00:24:40,140 --> 00:24:36,669
with dr. Rachel Dunlop hello listeners

661
00:24:41,580 --> 00:24:40,150
and welcome to dr. Richie reports well

662
00:24:43,590 --> 00:24:41,590
I'm not going to mess about today I'm

663
00:24:46,710 --> 00:24:43,600

here to talk to you about how the avn

664

00:24:48,450 --> 00:24:46,720

misuse statistics and this is important

665

00:24:50,460 --> 00:24:48,460

because twisting statistics to make

666

00:24:52,950 --> 00:24:50,470

vaccines that seem less effective or not

667

00:24:56,039 --> 00:24:52,960

effective at all is scaring parents away

668

00:24:57,330 --> 00:24:56,049

from vaccinating their kids and I'm

669

00:25:00,299 --> 00:24:57,340

going to play you an interview today

670

00:25:02,250 --> 00:25:00,309

which demonstrates just this now in

671

00:25:03,990 --> 00:25:02,260

australia this week five cases of

672

00:25:06,930 --> 00:25:04,000

measles were reported on the north coast

673

00:25:09,510 --> 00:25:06,940

of New South Wales the home of the avian

674

00:25:13,020 --> 00:25:09,520

and recently Australia has been

675

00:25:14,940 --> 00:25:13,030

experiencing a pertussis epidemic but

676
00:25:18,600 --> 00:25:14,950
Meryl Dory says pertussis or whooping

677
00:25:20,100 --> 00:25:18,610
cough does not kill now her assertions

678
00:25:21,419 --> 00:25:20,110
were recently examined in the

679
00:25:24,180 --> 00:25:21,429
investigation by the Healthcare

680
00:25:26,190 --> 00:25:24,190
Complaints Commission so briefly a

681
00:25:29,310 --> 00:25:26,200
little bit of background provided by the

682
00:25:31,169 --> 00:25:29,320
Department of Health and Ageing in their

683
00:25:33,720 --> 00:25:31,179
decade before the introduction of the

684
00:25:37,590 --> 00:25:33,730
pertussis vaccination more than 2,800

685
00:25:39,810 --> 00:25:37,600
people died of pertussis now this figure

686
00:25:41,789 --> 00:25:39,820
was reduced by seventy-five percent in

687
00:25:44,220 --> 00:25:41,799
the decade following the introduction of

688
00:25:46,440 --> 00:25:44,230

the vaccine even if you don't die from

689

00:25:48,799 --> 00:25:46,450

pertussis you can suffer horrible

690

00:25:51,820 --> 00:25:48,809

complications including pneumonia

691

00:25:54,880 --> 00:25:51,830

fractured ribs pneumothorax

692

00:25:57,810 --> 00:25:54,890

hernias aspiration hearing loss carotid

693

00:26:01,000 --> 00:25:57,820

artery dissection urinary incontinence

694

00:26:03,370 --> 00:26:01,010

prolapses seizures encephalopathy and

695

00:26:05,350 --> 00:26:03,380

possible death in the very young who

696

00:26:07,210 --> 00:26:05,360

have not yet received any vaccinations

697

00:26:09,850 --> 00:26:07,220

or who have not yet completed their

698

00:26:11,980 --> 00:26:09,860

course so how does Meryl Dori twist

699

00:26:15,250 --> 00:26:11,990

statistics to suit her anti-vaccine

700

00:26:17,130 --> 00:26:15,260

stance first up let's take a look at the

701
00:26:19,450 --> 00:26:17,140
avians website which states that

702
00:26:21,940 --> 00:26:19,460
australian government statistics have

703
00:26:24,639 --> 00:26:21,950
shown that the majority of outbreaks of

704
00:26:26,440 --> 00:26:24,649
pertussis in Australia occur in those

705
00:26:30,129 --> 00:26:26,450
who have been fully vaccinated or were

706
00:26:31,779 --> 00:26:30,139
too young to be fully vaccinated well of

707
00:26:33,789 --> 00:26:31,789
course they do and this makes sense

708
00:26:35,740 --> 00:26:33,799
since if we consider that the majority

709
00:26:38,259 --> 00:26:35,750
of people in Australia are vaccinated

710
00:26:40,019 --> 00:26:38,269
for pertussis and the vaccine does not

711
00:26:42,850 --> 00:26:40,029
prevent you from contracting the disease

712
00:26:45,970 --> 00:26:42,860
so most people who contract it will have

713
00:26:47,710 --> 00:26:45,980

been at least partially vaccinated but

714

00:26:50,049 --> 00:26:47,720

what is important to remember is that

715

00:26:53,100 --> 00:26:50,059

the disease is generally mild in those

716

00:26:57,070 --> 00:26:53,110

who have previously been vaccinated in

717

00:26:58,720 --> 00:26:57,080

Australia in 2004 and 2005 more than

718

00:27:01,480 --> 00:26:58,730

seventy percent of pertussis

719

00:27:04,120 --> 00:27:01,490

notifications occurred in people older

720

00:27:07,870 --> 00:27:04,130

than 15 years which is when immunity

721

00:27:09,220 --> 00:27:07,880

begins to wane so this may sound a

722

00:27:12,430 --> 00:27:09,230

little complicated but it really

723

00:27:14,560 --> 00:27:12,440

shouldn't be it is known for example and

724

00:27:17,769 --> 00:27:14,570

acknowledged that no vaccine is a

725

00:27:20,710 --> 00:27:17,779

hundred percent safe or effective plus a

726

00:27:23,080 --> 00:27:20,720

vaccine is not like a forcefield so the

727

00:27:25,029 --> 00:27:23,090

virus or bacteria can still infect you

728

00:27:27,159 --> 00:27:25,039

but if you already have the antibodies

729

00:27:30,220 --> 00:27:27,169

in your system from a prior vaccination

730

00:27:32,590 --> 00:27:30,230

or exposure your body can fight the

731

00:27:34,840 --> 00:27:32,600

illness much faster hence the disease

732

00:27:38,799 --> 00:27:34,850

severity is less and the duration is

733

00:27:43,060 --> 00:27:38,809

shorter seems logical right or maybe not

734

00:27:45,129 --> 00:27:43,070

to some late last year on ABC radio

735

00:27:47,289 --> 00:27:45,139

north coast Meryl Dory was interviewed

736

00:27:49,889 --> 00:27:47,299

about the recent pertussis epidemics

737

00:27:52,779 --> 00:27:49,899

that have been occurring in Australia

738

00:27:54,820 --> 00:27:52,789

she provided the ABC with statistics

739

00:27:57,190 --> 00:27:54,830

about vaccine coverage and outbreaks

740

00:27:59,230 --> 00:27:57,200

which were read out by the presenter to

741

00:28:02,529 --> 00:27:59,240

a North Coast pediatrician dr. Chris

742

00:28:04,090 --> 00:28:02,539

Engel as you're about to hear dr. Engel

743

00:28:05,440 --> 00:28:04,100

was somewhat perplexed by these

744

00:28:07,090 --> 00:28:05,450

statistics

745

00:28:09,610 --> 00:28:07,100

dr. Engel I just wanted to talk about

746

00:28:13,750 --> 00:28:09,620

some statistics with you that I have in

747

00:28:15,610 --> 00:28:13,760

front of me now in 1991 Australia had a

748

00:28:20,289 --> 00:28:15,620

whooping cough vaccination rate of

749

00:28:23,710 --> 00:28:20,299

seventy one point six percent and 318

750

00:28:26,590 --> 00:28:23,720

cases reported nationwide last year in

751
00:28:28,840 --> 00:28:26,600
2008 for the first time whooping cough

752
00:28:33,549 --> 00:28:28,850
vaccination rates were in excess of

753
00:28:35,289 --> 00:28:33,559
ninety five percent and we had fourteen

754
00:28:39,009 --> 00:28:35,299
thousand five hundred and twenty two

755
00:28:41,139 --> 00:28:39,019
cases of whooping cough on record so I

756
00:28:43,419 --> 00:28:41,149
feel like we've got the figures they're

757
00:28:45,519 --> 00:28:43,429
cutting those figures came to me from

758
00:28:46,930 --> 00:28:45,529
Merrill Dory from the Australian

759
00:28:49,180 --> 00:28:46,940
vaccination network here we're going to

760
00:28:52,240 --> 00:28:49,190
talk to in a moment yeah well I think

761
00:28:54,879 --> 00:28:52,250
those figures are very rubbery downright

762
00:28:57,009 --> 00:28:54,889
wrong and I think a couple of things

763
00:29:00,009 --> 00:28:57,019

have happened firstly the process runs

764

00:29:03,669 --> 00:29:00,019

in cycles so you'll have used whether lo

765

00:29:07,060 --> 00:29:03,679

pertussis numbers and usually they will

766

00:29:09,759 --> 00:29:07,070

be high we've also developed a new way

767

00:29:11,799 --> 00:29:09,769

of detecting pertussis which is called

768

00:29:14,200 --> 00:29:11,809

PCR which is highly sensitive and

769

00:29:17,680 --> 00:29:14,210

specific so lots of kids in the past

770

00:29:20,080 --> 00:29:17,690

babies and children who we couldn't

771

00:29:23,310 --> 00:29:20,090

culture and they had no blood reaction

772

00:29:26,409 --> 00:29:23,320

to pertussis but they had the illness

773

00:29:28,840 --> 00:29:26,419

were if you like left off the figures

774

00:29:31,240 --> 00:29:28,850

whereas now we're capturing all those

775

00:29:34,299 --> 00:29:31,250

kids because we have a very good test

776

00:29:40,090 --> 00:29:34,309

but you know that those figures at

777

00:29:43,330 --> 00:29:40,100

typical anti-vaccination Network figures

778

00:29:47,350 --> 00:29:43,340

which are you know biased and skewed and

779

00:29:49,450 --> 00:29:47,360

the cherry picking exercises as you'll

780

00:29:51,310 --> 00:29:49,460

find out in a moment dr. Engel was

781

00:29:54,310 --> 00:29:51,320

correct to call me story out for these

782

00:29:56,350 --> 00:29:54,320

dodgy statistics they certainly confused

783

00:29:58,870 --> 00:29:56,360

a parent who called up later in the

784

00:30:00,879 --> 00:29:58,880

segment Michael from turbulent good

785

00:30:03,430 --> 00:30:00,889

morning Michael I how you do not do that

786

00:30:08,129 --> 00:30:03,440

thank you we had a young son vaccinated

787

00:30:12,700 --> 00:30:08,139

to err on the side of caution but my arm

788

00:30:14,619 --> 00:30:12,710

my idea is that you had both the PD the

789

00:30:17,139 --> 00:30:14,629

pediatrician from lismore and the

790

00:30:18,850 --> 00:30:17,149

anti-vaccination ladies quoting

791

00:30:21,160 --> 00:30:18,860

statistics which

792

00:30:22,810 --> 00:30:21,170

11 said were inaccurate and the other

793

00:30:25,810 --> 00:30:22,820

one said were provided by the government

794

00:30:30,160 --> 00:30:25,820

and I'm wondering is anybody actually

795

00:30:32,919 --> 00:30:30,170

conducting current studies to bring this

796

00:30:35,470 --> 00:30:32,929

whole debate to a to a whole once and

797

00:30:37,660 --> 00:30:35,480

for all let's put them in as appearance

798

00:30:39,250 --> 00:30:37,670

to hear something from a pediatrician

799

00:30:42,610 --> 00:30:39,260

than hear something from someone who's

800

00:30:44,230 --> 00:30:42,620

got evidence pointing against it it puts

801
00:30:45,549 --> 00:30:44,240
a big question mark over your head as to

802
00:30:47,289 --> 00:30:45,559
whether you're doing the right thing for

803
00:30:49,360 --> 00:30:47,299
your child Jill you know and then you

804
00:30:52,630 --> 00:30:49,370
get the nurse who said that her children

805
00:30:54,250 --> 00:30:52,640
and she's been she stayed up for hours

806
00:30:56,169 --> 00:30:54,260
saving the lives of children with

807
00:30:59,980 --> 00:30:56,179
whooping cough and then you wonder

808
00:31:01,780 --> 00:30:59,990
exactly whose interests anybody us is

809
00:31:04,680 --> 00:31:01,790
serving when they start quoting

810
00:31:07,840 --> 00:31:04,690
statistics and your statistics can be

811
00:31:10,750 --> 00:31:07,850
tuned to bolster any argument whether

812
00:31:13,390 --> 00:31:10,760
it's for or against and I'm just

813
00:31:15,990 --> 00:31:13,400

wondering is there any actual federal

814

00:31:18,880 --> 00:31:16,000

government funding that's going towards

815

00:31:21,640 --> 00:31:18,890

scientific empirical studies to make

816

00:31:23,350 --> 00:31:21,650

sure that we finally get an answer to

817

00:31:24,640 --> 00:31:23,360

this question because like the gentleman

818

00:31:27,100 --> 00:31:24,650

before I've been following this issue

819

00:31:28,450 --> 00:31:27,110

for years to and it's never never seems

820

00:31:30,640 --> 00:31:28,460

to be resolved you know all you've got

821

00:31:32,560 --> 00:31:30,650

is to and fro in between the pro and

822

00:31:34,390 --> 00:31:32,570

again well it's not just in this country

823

00:31:37,240 --> 00:31:34,400

either it sets in international issue

824

00:31:39,430 --> 00:31:37,250

know when or maybe the UN should take it

825

00:31:41,950 --> 00:31:39,440

up and study it but nobody is actually

826

00:31:43,900 --> 00:31:41,960

coming talking to a conclusion about it

827

00:31:46,900 --> 00:31:43,910

you know you've got this ongoing debate

828

00:31:49,120 --> 00:31:46,910

and they just I'm sure all those people

829

00:31:50,950 --> 00:31:49,130

who don't vaccinate their children do it

830

00:31:52,930 --> 00:31:50,960

in good face that they're being given

831

00:31:56,080 --> 00:31:52,940

the right information and those of us

832

00:31:58,240 --> 00:31:56,090

who do also do the same thing Michael

833

00:32:00,340 --> 00:31:58,250

nothing conclusive you know nobody says

834

00:32:02,500 --> 00:32:00,350

okay this is it this is a study you

835

00:32:04,330 --> 00:32:02,510

can't argue against his full stop okay

836

00:32:06,940 --> 00:32:04,340

you raise a very interesting point I do

837

00:32:09,430 --> 00:32:06,950

you think you as it turns out there was

838

00:32:12,220 --> 00:32:09,440

a complaint made about the statistics

839

00:32:15,280 --> 00:32:12,230

used by miss Dorry in this segment this

840

00:32:19,090 --> 00:32:15,290

was upheld on November 11 2009 by the

841

00:32:21,760 --> 00:32:19,100

ABC audience and Consumer Affairs they

842

00:32:24,280 --> 00:32:21,770

found that the complaint was upheld on

843

00:32:26,380 --> 00:32:24,290

two counts of in accuracy in relation to

844

00:32:29,080 --> 00:32:26,390

statistical information referred to in

845

00:32:31,030 --> 00:32:29,090

this segment the presenter referred to

846

00:32:32,019 --> 00:32:31,040

statistics which suggested that whilst

847

00:32:34,359 --> 00:32:32,029

the rate of

848

00:32:36,459 --> 00:32:34,369

nation had increased the number of cases

849

00:32:41,709 --> 00:32:36,469

had also substantially increased in the

850

00:32:43,690 --> 00:32:41,719

period from 1991 to 2008 the statistics

851
00:32:45,489 --> 00:32:43,700
were drawn from different data sets and

852
00:32:48,430 --> 00:32:45,499
related to different groups of children

853
00:32:51,009 --> 00:32:48,440
and although each individual statistic

854
00:32:53,619 --> 00:32:51,019
was in and of itself accurate and drawn

855
00:32:55,269 --> 00:32:53,629
from a verifiable government source the

856
00:32:58,539 --> 00:32:55,279
comparative manner in which they were

857
00:33:00,849 --> 00:32:58,549
presented was misleading further the

858
00:33:03,789 --> 00:33:00,859
first vaccination rate statistic was for

859
00:33:07,779 --> 00:33:03,799
the year 2001 what but was presented as

860
00:33:09,249 --> 00:33:07,789
a vaccination rate for 1991 here's what

861
00:33:12,310 --> 00:33:09,259
miss Dorry had to say about the

862
00:33:15,070 --> 00:33:12,320
statistics in the same interview but my

863
00:33:17,259 --> 00:33:15,080

concern is that dr. engles is unaware of

864

00:33:19,799 --> 00:33:17,269

the information that you just gave about

865

00:33:22,810 --> 00:33:19,809

the 40-times increase in the rate of

866

00:33:24,999 --> 00:33:22,820

whooping cough despite a twenty-four

867

00:33:26,680 --> 00:33:25,009

percent increase in the vaccination rate

868

00:33:28,479 --> 00:33:26,690

and when you said that the information

869

00:33:30,669 --> 00:33:28,489

that you're quoting was actually

870

00:33:32,919 --> 00:33:30,679

provided to you by myself that's true

871

00:33:34,239 --> 00:33:32,929

but I actually sent you the graphs which

872

00:33:36,339 --> 00:33:34,249

were from the Australian Government

873

00:33:38,289 --> 00:33:36,349

Department of Health and Ageing and one

874

00:33:39,849 --> 00:33:38,299

would think that a pediatrician in dr.

875

00:33:42,249 --> 00:33:39,859

engles position would have been aware of

876

00:33:43,629 --> 00:33:42,259

this information this is government

877

00:33:45,190 --> 00:33:43,639

information I'm not pulling these

878

00:33:47,349 --> 00:33:45,200

figures out of thin air these are not

879

00:33:48,759 --> 00:33:47,359

incorrect figures and if they are

880

00:33:50,729 --> 00:33:48,769

incorrect and it's the government that's

881

00:33:53,349 --> 00:33:50,739

provided the incorrect information as

882

00:33:55,479 --> 00:33:53,359

previously stated whilst these

883

00:33:57,279 --> 00:33:55,489

statistics individually might be valid

884

00:33:59,849 --> 00:33:57,289

the way that miss Dorry has compared

885

00:34:02,409 --> 00:33:59,859

them has made them appear misleading

886

00:34:05,109 --> 00:34:02,419

miss Dorry also presented these

887

00:34:07,479 --> 00:34:05,119

statistics to the H Triple C in support

888

00:34:10,690 --> 00:34:07,489

of her assertion that vaccination does

889

00:34:13,059 --> 00:34:10,700

not offer protection from pertussis the

890

00:34:15,760 --> 00:34:13,069

commission also investigated and agreed

891

00:34:17,649 --> 00:34:15,770

with the findings of the ABC that indeed

892

00:34:20,379 --> 00:34:17,659

the data was drawn from australian

893

00:34:22,329 --> 00:34:20,389

government sources but critically they

894

00:34:25,569 --> 00:34:22,339

were drawn from two completely different

895

00:34:28,450 --> 00:34:25,579

data sets so what does this mean in

896

00:34:31,000 --> 00:34:28,460

layman's terms let's consider this

897

00:34:32,799 --> 00:34:31,010

analogy you are the headmaster of a

898

00:34:35,740 --> 00:34:32,809

school and want to ensure that you get

899

00:34:37,599 --> 00:34:35,750

good academic rankings so you take a

900

00:34:39,789 --> 00:34:37,609

bunch of kids in primary school who are

901
00:34:42,279 --> 00:34:39,799
doing really well and you tell everyone

902
00:34:44,440 --> 00:34:42,289
the parents the media the school board

903
00:34:45,080 --> 00:34:44,450
that you have the highest achieving kids

904
00:34:48,110 --> 00:34:45,090
in there

905
00:34:49,910 --> 00:34:48,120
group in all of the school district then

906
00:34:51,980 --> 00:34:49,920
you follow these kids through school to

907
00:34:54,260 --> 00:34:51,990
high school but some of them drop out

908
00:34:56,600 --> 00:34:54,270
some get distracted and don't perform as

909
00:34:59,810 --> 00:34:56,610
well so by the time they finish school

910
00:35:02,210 --> 00:34:59,820
their grade point average is poor so

911
00:35:04,670 --> 00:35:02,220
what do you do you choose another group

912
00:35:06,200 --> 00:35:04,680
of kids who were doing really well who

913
00:35:08,450 --> 00:35:06,210

maybe didn't even come from the same

914

00:35:11,120 --> 00:35:08,460

class or perhaps didn't have the same

915

00:35:13,700 --> 00:35:11,130

teachers maybe they only started at your

916

00:35:15,740 --> 00:35:13,710

school in their final year meaning your

917

00:35:17,660 --> 00:35:15,750

teachings and your school had little or

918

00:35:20,360 --> 00:35:17,670

no impact on their performance in their

919

00:35:22,220 --> 00:35:20,370

final year but you still want to look

920

00:35:24,260 --> 00:35:22,230

good to the community and appear to rank

921

00:35:25,670 --> 00:35:24,270

high so you compare the kids from

922

00:35:28,040 --> 00:35:25,680

primary school who were doing really

923

00:35:30,170 --> 00:35:28,050

well but have since dropped out with the

924

00:35:32,900 --> 00:35:30,180

final year achievers who only started

925

00:35:35,990 --> 00:35:32,910

that year does this now like a valid

926
00:35:38,030 --> 00:35:36,000
comparison well obviously not yet this

927
00:35:40,520 --> 00:35:38,040
is essentially what Meryl Dory has done

928
00:35:43,250 --> 00:35:40,530
in Reverse if you like to make the

929
00:35:45,130 --> 00:35:43,260
pertussis vaccine look worthless she

930
00:35:47,690 --> 00:35:45,140
compared two different groups of kids

931
00:35:49,940 --> 00:35:47,700
unrelated sets of data relating to

932
00:35:53,600 --> 00:35:49,950
different cohorts of kids to get her

933
00:35:55,610 --> 00:35:53,610
answer that the vaccine doesn't work now

934
00:35:58,030 --> 00:35:55,620
the H Triple C asked her to explain this

935
00:36:00,650 --> 00:35:58,040
anomaly and she responded with a corker

936
00:36:03,110 --> 00:36:00,660
she explained that the data sets were

937
00:36:06,620 --> 00:36:03,120
appropriately compared by dr. Gary

938
00:36:08,480 --> 00:36:06,630

Goldman now dr. Gary Goldman is the

939

00:36:11,660 --> 00:36:08,490

president and founder of the conspiracy

940

00:36:14,030 --> 00:36:11,670

theory Laden non medline indexed woo

941

00:36:16,820 --> 00:36:14,040

fest Journal that is known as medical

942

00:36:19,520 --> 00:36:16,830

vera test it is described on its

943

00:36:21,860 --> 00:36:19,530

homepage as the only honest health

944

00:36:24,680 --> 00:36:21,870

science journal exposing pharmaceutical

945

00:36:26,990 --> 00:36:24,690

genocide oh and also as a side note it

946

00:36:30,380 --> 00:36:27,000

was the silver recipient of the 2009

947

00:36:33,680 --> 00:36:30,390

mom's choice awards in other words this

948

00:36:35,450 --> 00:36:33,690

is not a reputable Journal now the

949

00:36:37,640 --> 00:36:35,460

Commission surprisingly did not accept

950

00:36:39,200 --> 00:36:37,650

this source either and asked for

951
00:36:41,600 --> 00:36:39,210
evidence of the methodology and

952
00:36:43,880 --> 00:36:41,610
calculations undertaken to achieve the

953
00:36:47,270 --> 00:36:43,890
statistical comparison that Meryl Dory

954
00:36:49,310 --> 00:36:47,280
provided these have apparently not been

955
00:36:50,990 --> 00:36:49,320
forthcoming thus the H Triple C

956
00:36:52,340 --> 00:36:51,000
concluded that ms dorries showed no

957
00:36:55,160 --> 00:36:52,350
evidence for the claim that the

958
00:36:57,650 --> 00:36:55,170
pertussis vaccine is ineffective yet

959
00:36:58,970 --> 00:36:57,660
despite the findings of the ABC despite

960
00:37:01,160 --> 00:36:58,980
the findings of the H Triple

961
00:37:03,620 --> 00:37:01,170
see despite what I've just explained to

962
00:37:06,800 --> 00:37:03,630
you midori is still claiming that her

963
00:37:08,390 --> 00:37:06,810

statistics are correct this is a course

964

00:37:11,000 --> 00:37:08,400

the hallmark of alternative medicine

965

00:37:13,580 --> 00:37:11,010

cranks they refuse to change their

966

00:37:15,349 --> 00:37:13,590

position despite shifting evidence and

967

00:37:17,510 --> 00:37:15,359

this is because their position was

968

00:37:20,240 --> 00:37:17,520

probably never based in evidence to

969

00:37:22,400 --> 00:37:20,250

begin with I'll leave the final word

970

00:37:24,200 --> 00:37:22,410

with Mungo MacCallum who is a North

971

00:37:26,420 --> 00:37:24,210

Coast author and journalist and

972

00:37:29,750 --> 00:37:26,430

outspoken opponent of Merrill Dorie and

973

00:37:31,930 --> 00:37:29,760

the avian here Mungo makes a great point

974

00:37:34,849 --> 00:37:31,940

about false balance in the media and

975

00:37:37,609 --> 00:37:34,859

until next time this has been dr. Richie

976
00:37:40,430 --> 00:37:37,619
reports Mungo MacCallum from ocean

977
00:37:42,140 --> 00:37:40,440
chillers good morning good morning I'm

978
00:37:43,849 --> 00:37:42,150
look I just want to say that it's not

979
00:37:46,760 --> 00:37:43,859
true to say that this is an ongoing

980
00:37:49,070 --> 00:37:46,770
argument the argument was settled nearly

981
00:37:50,480 --> 00:37:49,080
a hundred years ago vaccination is

982
00:37:54,410 --> 00:37:50,490
effective it's been proven effective

983
00:37:57,410 --> 00:37:54,420
over and over and over again sure there

984
00:37:59,620 --> 00:37:57,420
can be occasional side effects but the

985
00:38:02,599 --> 00:37:59,630
side effects a trivial compared to the

986
00:38:05,480 --> 00:38:02,609
diseases that they can be avoided

987
00:38:08,270 --> 00:38:05,490
through vaccination and this is the

988
00:38:11,150 --> 00:38:08,280

point and if it's not very well to say

989

00:38:13,430 --> 00:38:11,160

the parents have a choice but when they

990

00:38:16,310 --> 00:38:13,440

make that choice by choosing not to have

991

00:38:18,650 --> 00:38:16,320

their own children vaccinated they also

992

00:38:20,599 --> 00:38:18,660

put other children at risk because the

993

00:38:22,790 --> 00:38:20,609

lower the rate of vaccination in the

994

00:38:25,700 --> 00:38:22,800

community the more likely there are is

995

00:38:28,490 --> 00:38:25,710

to be infection and that's how the other

996

00:38:30,230 --> 00:38:28,500

children catch it and finally there's

997

00:38:33,050 --> 00:38:30,240

this question of balance are we going to

998

00:38:36,109 --> 00:38:33,060

have a debate about it sure let's have a

999

00:38:38,599 --> 00:38:36,119

debate and let's have balance so for

1000

00:38:41,960 --> 00:38:38,609

every single time you put Merrill glory

1001
00:38:45,500 --> 00:38:41,970
and her army of cranks on or the handful

1002
00:38:47,930 --> 00:38:45,510
of cranks on actually you should put 99

1003
00:38:51,200 --> 00:38:47,940
separate doctors for the next ninety

1004
00:38:53,300 --> 00:38:51,210
nine days on through till till the

1005
00:38:55,760 --> 00:38:53,310
audience that neural door is simply

1006
00:38:59,210 --> 00:38:55,770
wrong because that's where the balance

1007
00:39:01,040 --> 00:38:59,220
is the balance is ninety-nine percent of

1008
00:39:04,490 --> 00:39:01,050
informed opinion in favour of

1009
00:39:07,670 --> 00:39:04,500
vaccinations and one handful of cranks

1010
00:39:10,820 --> 00:39:07,680
who call it indirectly caused the deaths

1011
00:39:25,810 --> 00:39:10,830
of many children against it okay thank

1012
00:39:32,750 --> 00:39:29,690
spits the Galactic universe is comprised

1013
00:39:35,660 --> 00:39:32,760

of literally dozens of stars in hundreds

1014

00:39:37,550 --> 00:39:35,670

of galaxies man has waited millions of

1015

00:39:40,190 --> 00:39:37,560

light years for the infinite rays of the

1016

00:39:43,700 --> 00:39:40,200

cosmos to reach us yet it can all

1017

00:39:44,870 --> 00:39:43,710

disappear in a parsec the distance you

1018

00:39:48,320 --> 00:39:44,880

have no idea what you're talking about

1019

00:39:50,060 --> 00:39:48,330

do you what galactic universe dozens of

1020

00:39:52,760 --> 00:39:50,070

stars parsec and light years as

1021

00:39:54,770 --> 00:39:52,770

measurements of time you know what you

1022

00:39:57,410 --> 00:39:54,780

need to go to the star party the what

1023

00:39:59,930 --> 00:39:57,420

the Atlanta skeptics star party what's

1024

00:40:03,080 --> 00:39:59,940

that you really are clueless here read

1025

00:40:05,270 --> 00:40:03,090

this okay would see please join the

1026
00:40:08,150 --> 00:40:05,280
Atlanta skeptics on Thursdays number

1027
00:40:10,849 --> 00:40:08,160
second 2010 for stargazing food drinks

1028
00:40:13,040 --> 00:40:10,859
and amazing conversations build that the

1029
00:40:15,200 --> 00:40:13,050
Emory math and science center in Atlanta

1030
00:40:17,150 --> 00:40:15,210
Georgia astronomers Pamela gay and

1031
00:40:20,300 --> 00:40:17,160
Fraser Cain will be hosting this amazing

1032
00:40:22,310 --> 00:40:20,310
night oh I love those guys oh yeah keep

1033
00:40:24,349 --> 00:40:22,320
going Pamela and Fraser will be leading

1034
00:40:27,020 --> 00:40:24,359
this exploration of the skies using the

1035
00:40:28,849 --> 00:40:27,030
observatory at Emory musician podcast

1036
00:40:31,160 --> 00:40:28,859
during science leverage or Tron will

1037
00:40:33,680 --> 00:40:31,170
also be providing entertainment who's

1038
00:40:35,839 --> 00:40:33,690

that never mind keep reading this event

1039

00:40:38,150 --> 00:40:35,849

is an honor of Jeff met Jeff the blue

1040

00:40:40,640 --> 00:40:38,160

color scientist Jeff succumbed the liver

1041

00:40:42,859 --> 00:40:40,650

cancer in 2008 and all proceeds will go

1042

00:40:46,609 --> 00:40:42,869

toward the Leukemia and Lymphoma Society

1043

00:40:49,339 --> 00:40:46,619

in Jeff's name nice no yes yes indeed

1044

00:40:50,960 --> 00:40:49,349

keep reading for those attending dragon

1045

00:40:53,900 --> 00:40:50,970

column this is the night before the

1046

00:40:57,460 --> 00:40:53,910

craziness begins go to Atlanta skeptics

1047

00:41:00,190 --> 00:40:57,470

calm / star party for full information

1048

00:41:02,380 --> 00:41:00,200

remember to meteorites don't make a

1049

00:41:05,320 --> 00:41:02,390

meteor wrong don't add anything just

1050

00:41:07,540 --> 00:41:05,330

just read sorry the Atlanta skeptic star

1051
00:41:10,390 --> 00:41:07,550
party of family game freezer King and

1052
00:41:13,450 --> 00:41:10,400
George Rob Thursday September second at

1053
00:41:16,089 --> 00:41:13,460
seven-thirty p.m. you gonna go oh yeah

1054
00:41:20,470 --> 00:41:16,099
just make sure you listen mostly cool

1055
00:41:26,440 --> 00:41:20,480
cool Atlanta skeptics dot-com / star

1056
00:41:44,980 --> 00:41:26,450
party join us now for drinking

1057
00:41:48,300 --> 00:41:44,990
skeptically in the think tank and it's a

1058
00:41:51,160 --> 00:41:48,310
good evening and welcome to a think tank

1059
00:41:52,930 --> 00:41:51,170
and tonight's guests playing a song that

1060
00:41:54,580 --> 00:41:52,940
I have never heard before I must admit

1061
00:41:57,310 --> 00:41:54,590
what was the song called where's me to

1062
00:42:00,099 --> 00:41:57,320
ask me jumper where's me jumper by

1063
00:42:01,270 --> 00:42:00,109

sultans of ping FC from County Cork and

1064

00:42:05,740 --> 00:42:01,280

the reason we're playing that is because

1065

00:42:07,000 --> 00:42:05,750

it's on the latest Maynard's podcast and

1066

00:42:08,470 --> 00:42:07,010

as you might have gathered what our

1067

00:42:10,359 --> 00:42:08,480

special guest tonight is course none of

1068

00:42:12,220 --> 00:42:10,369

them may not hello may not how is your

1069

00:42:13,960 --> 00:42:12,230

foot night then look it's great to be

1070

00:42:15,190 --> 00:42:13,970

here but more importantly what coming up

1071

00:42:16,480 --> 00:42:15,200

at the weekend but we'll get on to that

1072

00:42:18,430 --> 00:42:16,490

in a minute please introduce the rest of

1073

00:42:20,800 --> 00:42:18,440

the drunk tank tonight wouldn't know

1074

00:42:24,280 --> 00:42:20,810

we're not even I mean I'm having a dime

1075

00:42:26,560 --> 00:42:24,290

on me one bit hello to James g'day

1076
00:42:28,630 --> 00:42:26,570
everyone today we're so that your little

1077
00:42:30,820 --> 00:42:28,640
sheepies she be along tonight now he's

1078
00:42:33,940 --> 00:42:30,830
staying at home sleeping Adam ich sie

1079
00:42:35,829 --> 00:42:33,950
blasen are you shipping dr. AG hello

1080
00:42:39,849 --> 00:42:35,839
little numbing tins here though a little

1081
00:42:43,690 --> 00:42:39,859
numbing t'en Jason good evening now I

1082
00:42:46,450 --> 00:42:43,700
I'm well my jump as well to Joe Benna

1083
00:42:48,760 --> 00:42:46,460
move the skeptical nurse I return are

1084
00:42:50,859 --> 00:42:48,770
you skeptical I'm skeptical I'm always

1085
00:42:52,990 --> 00:42:50,869
skeptical well why don't you lead off

1086
00:42:56,800 --> 00:42:53,000
proceedings tonight skeptical nurse Joe

1087
00:42:58,210 --> 00:42:56,810
all right well um for those of you

1088
00:43:00,220 --> 00:42:58,220

living in Sydney and around Australia

1089

00:43:02,079 --> 00:43:00,230

you probably know that we've just

1090

00:43:04,100 --> 00:43:02,089

started National Science Week I think I

1091

00:43:07,910 --> 00:43:04,110

me was just started this week wasn't it

1092

00:43:10,580 --> 00:43:07,920

yes we type and one of the events on the

1093

00:43:13,580 --> 00:43:10,590

National Science Week calendar is the

1094

00:43:15,370 --> 00:43:13,590

ultimo Science Festival which is run in

1095

00:43:18,200 --> 00:43:15,380

the center of Sydney includes some

1096

00:43:22,130 --> 00:43:18,210

fantastic events on the science calendar

1097

00:43:24,080 --> 00:43:22,140

promotions of science and dr. Rocha 994

1098

00:43:25,580 --> 00:43:24,090

last few years okay yeah well we went

1099

00:43:28,100 --> 00:43:25,590

down to Cameron so we went down to

1100

00:43:29,750 --> 00:43:28,110

Cameron something to do yeah anyway so I

1101
00:43:31,850 --> 00:43:29,760
was some I was having a look at the

1102
00:43:35,780 --> 00:43:31,860
website for the Ultima Science Festival

1103
00:43:38,780 --> 00:43:35,790
and I was rather I guess it would be

1104
00:43:41,810 --> 00:43:38,790
horrified this made taken aback taken

1105
00:43:44,120 --> 00:43:41,820
aback to see that on the calendar for

1106
00:43:46,520 --> 00:43:44,130
the ultimo science festival is what

1107
00:43:53,990 --> 00:43:46,530
they're calling acupuncture and Chinese

1108
00:43:56,450 --> 00:43:54,000
medicine clinical tours um anyway I

1109
00:43:58,130 --> 00:43:56,460
don't do you interrupt you may now did

1110
00:44:01,190 --> 00:43:58,140
you choose this background music oh it's

1111
00:44:03,680 --> 00:44:01,200
gone no no just as we mention a key

1112
00:44:08,420 --> 00:44:03,690
puncher ever sings take a chance on me

1113
00:44:10,730 --> 00:44:08,430

coincidence carry on Joe so anyway I am

1114

00:44:13,580 --> 00:44:10,740

I was suitably concerned and I decided

1115

00:44:15,740 --> 00:44:13,590

to write to the organizers at the

1116

00:44:22,220 --> 00:44:15,750

Science Festival and ask them why they

1117

00:44:26,620 --> 00:44:22,230

thought that I can't talk with Kylie's

1118

00:44:29,840 --> 00:44:26,630

on it Oh Carly my no not Carly Sturgis

1119

00:44:32,600 --> 00:44:29,850

so I decided to write to the organizers

1120

00:44:34,250 --> 00:44:32,610

and find out why they thought this was a

1121

00:44:36,050 --> 00:44:34,260

suitable event to include on the

1122

00:44:39,410 --> 00:44:36,060

calendar of a science festival because

1123

00:44:41,330 --> 00:44:39,420

as most of us would know there is no

1124

00:44:44,480 --> 00:44:41,340

evidence to support any science behind

1125

00:44:46,130 --> 00:44:44,490

acupuncture and I wrote to them and

1126
00:44:49,790 --> 00:44:46,140
express my concern and I got a response

1127
00:44:52,910 --> 00:44:49,800
back from someone at the university of

1128
00:44:54,380 --> 00:44:52,920
technology actually I'm not I'm not a

1129
00:44:56,270 --> 00:44:54,390
hundred percent certain how UTS

1130
00:44:58,280 --> 00:44:56,280
specifically is tied to the Science

1131
00:44:59,930 --> 00:44:58,290
Festival they are based in ultimo and I

1132
00:45:02,750 --> 00:44:59,940
probably a lot of their events are

1133
00:45:04,820 --> 00:45:02,760
connected because of that and I do also

1134
00:45:07,730 --> 00:45:04,830
know that UTS has has run a course on

1135
00:45:09,410 --> 00:45:07,740
Chinese medicine for many many years and

1136
00:45:11,090 --> 00:45:09,420
if you'd like I'll actually read you the

1137
00:45:16,229 --> 00:45:11,100
response that they gave me please do you

1138
00:45:19,469 --> 00:45:17,939

Joanne thank you for your interest in

1139

00:45:20,879 --> 00:45:19,479

the ultimate Science Festival we

1140

00:45:22,439 --> 00:45:20,889

acknowledge your concern over the

1141

00:45:25,109 --> 00:45:22,449

inclusion of acupuncture and Chinese

1142

00:45:26,519 --> 00:45:25,119

medicine clinical towards acupuncture

1143

00:45:27,749 --> 00:45:26,529

and Chinese medicine has been part of

1144

00:45:31,499 --> 00:45:27,759

the university of technology sydney

1145

00:45:33,719 --> 00:45:31,509

since 1994 the university has been under

1146

00:45:36,689 --> 00:45:33,729

to authority the university has been

1147

00:45:38,309 --> 00:45:36,699

trusted it from sorry for you the

1148

00:45:39,809 --> 00:45:38,319

university has been undertaking

1149

00:45:42,059 --> 00:45:39,819

high-quality research into the

1150

00:45:46,619 --> 00:45:42,069

mechanisms of acupuncture as well as its

1151
00:45:48,329 --> 00:45:46,629
therapeutic outcomes enough so okay if

1152
00:45:51,179 --> 00:45:48,339
you are and if you actually had any

1153
00:45:53,609 --> 00:45:51,189
decent studies be a better look at them

1154
00:45:55,589 --> 00:45:53,619
anyway if you were to undertake a full

1155
00:45:57,149 --> 00:45:55,599
review of the medical literature you

1156
00:45:58,949 --> 00:45:57,159
would find that in recent years a number

1157
00:46:00,179 --> 00:45:58,959
of high quality international studies

1158
00:46:02,669 --> 00:46:00,189
with positive outcomes have been

1159
00:46:05,429 --> 00:46:02,679
published well there was one just

1160
00:46:06,989 --> 00:46:05,439
published in the LA and ejm was there um

1161
00:46:08,579 --> 00:46:06,999
actually I haven't had a chance to look

1162
00:46:10,619 --> 00:46:08,589
at that one only 1 i've looked at this

1163
00:46:12,749 --> 00:46:10,629

one a wild back pain one or something

1164

00:46:15,089 --> 00:46:12,759

yet there was the one there was the one

1165

00:46:17,759 --> 00:46:15,099

that came out a few about a year and a

1166

00:46:18,989 --> 00:46:17,769

half two years ago now the one i think a

1167

00:46:21,779 --> 00:46:18,999

lot of whom would be familiar with where

1168

00:46:23,909 --> 00:46:21,789

they compared sham acupuncture real

1169

00:46:27,119 --> 00:46:23,919

acupuncture and there were actually four

1170

00:46:28,919 --> 00:46:27,129

streams study and it showed the study

1171

00:46:30,749 --> 00:46:28,929

showed that sham acupuncture was

1172

00:46:32,549 --> 00:46:30,759

punctured the other one was just by the

1173

00:46:34,619 --> 00:46:32,559

book exactly where the book says in the

1174

00:46:36,749 --> 00:46:34,629

third one was personalized acupuncture

1175

00:46:38,939 --> 00:46:36,759

and of course the fourth group was no

1176

00:46:40,919 --> 00:46:38,949

acupuncture at all now all four groups

1177

00:46:43,589 --> 00:46:40,929

actually received conventional treatment

1178

00:46:45,929 --> 00:46:43,599

as well so all they're really comparing

1179

00:46:48,299 --> 00:46:45,939

is doing nothing vers doing something

1180

00:46:51,389 --> 00:46:48,309

irrelevant of what that something is the

1181

00:46:54,569 --> 00:46:51,399

study was that shamik at sham

1182

00:46:56,519 --> 00:46:54,579

acupuncture was as effective as real

1183

00:46:59,249 --> 00:46:56,529

acupuncture and the way that this was

1184

00:47:01,439 --> 00:46:59,259

then taken by the media and I think the

1185

00:47:06,179 --> 00:47:01,449

authors of the study as well was that

1186

00:47:07,769 --> 00:47:06,189

sham acupuncture works as well study

1187

00:47:09,419 --> 00:47:07,779

didn't really say that but the companies

1188

00:47:11,069 --> 00:47:09,429

behind it promoting it they were the

1189

00:47:14,129 --> 00:47:11,079

ones saying yes it actually does work

1190

00:47:15,749 --> 00:47:14,139

and that that's actually been written

1191

00:47:17,309 --> 00:47:15,759

about quite extensively on science-based

1192

00:47:18,749 --> 00:47:17,319

medicine I know Stephen Amell written

1193

00:47:20,789 --> 00:47:18,759

about they've talked about honest to you

1194

00:47:24,269 --> 00:47:20,799

so it's pretty well known and people

1195

00:47:25,709 --> 00:47:24,279

commented on pretty extensively anyway

1196

00:47:28,290 --> 00:47:25,719

she carries on she says there are many

1197

00:47:30,549 --> 00:47:28,300

clinical trial based papers as well

1198

00:47:32,920 --> 00:47:30,559

just because their child's around there

1199

00:47:34,329 --> 00:47:32,930

doesn't mean they show anything simply

1200

00:47:36,309 --> 00:47:34,339

because we do not understand the

1201
00:47:37,690 --> 00:47:36,319
mechanisms of acupuncture does not mean

1202
00:47:39,099 --> 00:47:37,700
that we should abandon the scientific

1203
00:47:43,150 --> 00:47:39,109
investigation of this medical

1204
00:47:45,730 --> 00:47:43,160
intervention can I just add something to

1205
00:47:47,770 --> 00:47:45,740
that Joe I'm currently writing a review

1206
00:47:50,200 --> 00:47:47,780
on a puncture a review of the reviews of

1207
00:47:52,240 --> 00:47:50,210
acupuncture and there's a couple of

1208
00:47:55,660 --> 00:47:52,250
reviews that I've come across that the

1209
00:47:58,720 --> 00:47:55,670
has shown at benefit over placebo but

1210
00:48:02,440 --> 00:47:58,730
it's been in conditions like mild back

1211
00:48:04,540 --> 00:48:02,450
pain as Jason just mentioned and I think

1212
00:48:05,349 --> 00:48:04,550
the other one was mild headache so all

1213
00:48:07,480 --> 00:48:05,359

these conditions that are

1214

00:48:09,670 --> 00:48:07,490

self-correcting if you like the other

1215

00:48:12,220 --> 00:48:09,680

reviews I've looked at it is for example

1216

00:48:14,950 --> 00:48:12,230

be subjective yeah because they're all

1217

00:48:16,180 --> 00:48:14,960

out of a headache they'll give you a rub

1218

00:48:18,309 --> 00:48:16,190

on the head oh it's much better now

1219

00:48:20,530 --> 00:48:18,319

thanks well that's right got much better

1220

00:48:21,970 --> 00:48:20,540

effect yeah because one of the one of

1221

00:48:24,880 --> 00:48:21,980

the studies looked at IBS irritable

1222

00:48:26,950 --> 00:48:24,890

bowel syndrome and guess what well

1223

00:48:28,420 --> 00:48:26,960

nothing happened it didn't have any

1224

00:48:30,849 --> 00:48:28,430

effects because that is a clinical

1225

00:48:32,200 --> 00:48:30,859

condition that you know results in you

1226

00:48:35,410 --> 00:48:32,210

well you know about this stuff as you

1227

00:48:39,010 --> 00:48:35,420

work in gastroenterology think yeah and

1228

00:48:40,930 --> 00:48:39,020

you'll say something else but that's not

1229

00:48:42,370 --> 00:48:40,940

something that you know like I'd like a

1230

00:48:43,990 --> 00:48:42,380

headache and mild back pay and their

1231

00:48:46,000 --> 00:48:44,000

self correcting and as you say

1232

00:48:48,460 --> 00:48:46,010

subjective that's not something that can

1233

00:48:50,859 --> 00:48:48,470

get better by itself so all the studies

1234

00:48:54,910 --> 00:48:50,869

I've looked at but similarly though I vs

1235

00:48:57,609 --> 00:48:54,920

is it's almost a diagnosis of what do

1236

00:48:59,230 --> 00:48:57,619

you call it a half gone blank it's a

1237

00:49:02,319 --> 00:48:59,240

diagnosis that's made by eliminating all

1238

00:49:03,760 --> 00:49:02,329

other diagnoses so it's a danger it's a

1239

00:49:05,859 --> 00:49:03,770

syndrome it doesn't it's a very vague

1240

00:49:07,780 --> 00:49:05,869

and nonspecific condition I mean it

1241

00:49:09,069 --> 00:49:07,790

exists but again it's like many other

1242

00:49:10,569 --> 00:49:09,079

conditions that they claim to be able to

1243

00:49:12,039 --> 00:49:10,579

treat with things like acupuncture where

1244

00:49:13,720 --> 00:49:12,049

it can be very subjective and the

1245

00:49:16,420 --> 00:49:13,730

responses are very subjective and it's

1246

00:49:17,740 --> 00:49:16,430

very hard to measure well so was there

1247

00:49:19,420 --> 00:49:17,750

any more of that matter there is there

1248

00:49:21,190 --> 00:49:19,430

is more I'm she then says I'm sure

1249

00:49:22,839 --> 00:49:21,200

however that we can both agree that the

1250

00:49:25,420 --> 00:49:22,849

purpose of the ultimate science festival

1251

00:49:26,770 --> 00:49:25,430

is to promote science as a whole we do

1252

00:49:28,539 --> 00:49:26,780

not believe that the inclusion of this

1253

00:49:30,609 --> 00:49:28,549

clinical tool will undermine the fabric

1254

00:49:34,740 --> 00:49:30,619

of science or the intent of the festival

1255

00:49:38,700 --> 00:49:34,750

quite the opposite really

1256

00:49:41,790 --> 00:49:38,710

now I believe that this is more or less

1257

00:49:44,750 --> 00:49:41,800

a formless yeah well yes this is

1258

00:49:48,090 --> 00:49:44,760

actually a formulation because Iran

1259

00:49:50,490 --> 00:49:48,100

segev has wrote also wrote complaining

1260

00:49:54,630 --> 00:49:50,500

about the same thing and got the

1261

00:49:58,740 --> 00:49:54,640

identical word for word response that I

1262

00:50:02,220 --> 00:49:58,750

did the identical letter so I haven't

1263

00:50:04,620 --> 00:50:02,230

yet responded erin has responded she did

1264

00:50:06,300 --> 00:50:04,630

actually also send us kushiro she

1265

00:50:12,210 --> 00:50:06,310

referred specifically to a particular

1266

00:50:14,070 --> 00:50:12,220

paper which she did send and it this is

1267

00:50:16,550 --> 00:50:14,080

one that came out recently in nature

1268

00:50:19,830 --> 00:50:16,560

neuroscience and it's been blogged on

1269

00:50:22,710 --> 00:50:19,840

extensively by David Gorski and Steve

1270

00:50:26,130 --> 00:50:22,720

novella and it's another paper that's

1271

00:50:28,920 --> 00:50:26,140

being thrown around by promoters of

1272

00:50:31,230 --> 00:50:28,930

acupuncture and they're claiming that

1273

00:50:33,000 --> 00:50:31,240

this study was you know proving and

1274

00:50:34,950 --> 00:50:33,010

demonstrating that acupuncture works but

1275

00:50:36,690 --> 00:50:34,960

of course when the minister he was torn

1276

00:50:39,180 --> 00:50:36,700

to shreds it was demonstrate it was

1277

00:50:41,340 --> 00:50:39,190

actually a very good study but the study

1278

00:50:43,530 --> 00:50:41,350

was really not of acupuncture the study

1279

00:50:48,420 --> 00:50:43,540

showed some very interesting things

1280

00:50:51,870 --> 00:50:48,430

about how adenosine works in in pain

1281

00:50:52,920 --> 00:50:51,880

relief and Dave Gorski in how he wrote

1282

00:50:54,420 --> 00:50:52,930

it up actually said that it was a

1283

00:50:55,740 --> 00:50:54,430

fascinating study that actually showed

1284

00:50:56,910 --> 00:50:55,750

some really interesting things and had

1285

00:50:58,410 --> 00:50:56,920

some really interesting clinical

1286

00:51:01,530 --> 00:50:58,420

implications which scientists could

1287

00:51:04,110 --> 00:51:01,540

actually use to create new drugs and

1288

00:51:06,720 --> 00:51:04,120

work differently with treating pain but

1289

00:51:10,230 --> 00:51:06,730

unfortunately the the people who

1290

00:51:12,510 --> 00:51:10,240

conducted the study were so attached to

1291

00:51:14,310 --> 00:51:12,520

the acupuncture side of things that it

1292

00:51:16,700 --> 00:51:14,320

really distracts from what was

1293

00:51:18,930 --> 00:51:16,710

effectively actually a pretty good paper

1294

00:51:20,850 --> 00:51:18,940

but the study itself really shows

1295

00:51:22,830 --> 00:51:20,860

nothing to do with acupuncture at all

1296

00:51:25,170 --> 00:51:22,840

the fact that acupuncture was a part of

1297

00:51:27,960 --> 00:51:25,180

the study was entirely irrelevant but

1298

00:51:29,870 --> 00:51:27,970

people like this this nicole eng who

1299

00:51:32,520 --> 00:51:29,880

who's responded to my complaint is

1300

00:51:34,020 --> 00:51:32,530

holding this up as evidence that

1301

00:51:36,410 --> 00:51:34,030

acupuncture works and why it is

1302

00:51:38,490 --> 00:51:36,420

scientific and we should be you know

1303

00:51:41,430 --> 00:51:38,500

nicole in

1304

00:51:42,750 --> 00:51:41,440

what's your position think you know late

1305

00:51:44,100 --> 00:51:42,760

I want to poison the well or anything

1306

00:51:46,380 --> 00:51:44,110

but it's she part of the school of

1307

00:51:48,210 --> 00:51:46,390

Integrative jobs it wouldn't be hard to

1308

00:51:49,950 --> 00:51:48,220

find out I haven't had a chance today to

1309

00:51:52,650 --> 00:51:49,960

this all happened this afternoon and I

1310

00:51:54,900 --> 00:51:52,660

haven't had a chance to find out so

1311

00:51:56,550 --> 00:51:54,910

we'll we'll get back to you on what's

1312

00:51:59,160 --> 00:51:56,560

also interesting about that Joe is she

1313

00:52:00,360 --> 00:51:59,170

sent you one study one study didn't she

1314

00:52:03,090 --> 00:52:00,370

say in the letter there's lots of

1315

00:52:05,130 --> 00:52:03,100

evidence so that's one study why didn't

1316

00:52:08,310 --> 00:52:05,140

she just send a cochrane review or

1317

00:52:13,110 --> 00:52:08,320

something oh I know why because none of

1318

00:52:14,640 --> 00:52:13,120

them show as positive i am i'm not

1319

00:52:16,170 --> 00:52:14,650

satisfied with the response i've been

1320

00:52:18,210 --> 00:52:16,180

given i don't think it explains anything

1321

00:52:19,710 --> 00:52:18,220

about why they have ultimately Science

1322

00:52:22,740 --> 00:52:19,720

Festival has seen fit to include this

1323

00:52:25,170 --> 00:52:22,750

but what I would recommend is if anyone

1324

00:52:27,270 --> 00:52:25,180

else feels the way I do that you also

1325

00:52:29,190 --> 00:52:27,280

write to the ultimo Science Festival and

1326

00:52:30,780 --> 00:52:29,200

ask them why they think that this is an

1327

00:52:34,110 --> 00:52:30,790

appropriate event and what's the email

1328

00:52:37,710 --> 00:52:34,120

address the email address is ultimo

1329

00:52:40,650 --> 00:52:37,720

Science Festival at gmail com there you

1330

00:52:43,470 --> 00:52:40,660

go in fact if listeners Google are

1331

00:52:44,910 --> 00:52:43,480

kicking against the pricks they can find

1332

00:52:46,830 --> 00:52:44,920

an article written many years ago by

1333

00:52:48,630 --> 00:52:46,840

Australian skeptics about acupuncture

1334

00:52:50,460 --> 00:52:48,640

can I just say that we got bumped from

1335

00:52:52,590 --> 00:52:50,470

the ultimo Science Festival this year

1336

00:52:54,540 --> 00:52:52,600

and I was going to say how you feel

1337

00:52:56,310 --> 00:52:54,550

about being bumped for acupuncture well

1338

00:52:58,610 --> 00:52:56,320

I think these rooms I think that shows

1339

00:53:02,220 --> 00:52:58,620

every year why not killers Oh

1340

00:53:04,200 --> 00:53:02,230

controversial oh I believe this happens

1341

00:53:05,850 --> 00:53:04,210

every year it seems rather old seeing it

1342

00:53:08,370 --> 00:53:05,860

in the past but yeah we got bumped for

1343

00:53:10,590 --> 00:53:08,380

budget reasons so speaking about being

1344

00:53:12,630 --> 00:53:10,600

some changes you better not be sounding

1345

00:53:14,790 --> 00:53:12,640

you know better no we're not bitter and

1346

00:53:16,680 --> 00:53:14,800

twisted or there's also the lewd

1347

00:53:18,750 --> 00:53:16,690

behavior last year that you went where

1348

00:53:20,370 --> 00:53:18,760

tune with the crowd well we are there is

1349

00:53:22,470 --> 00:53:20,380

that we do have anything under our lab

1350

00:53:23,640 --> 00:53:22,480

coat something I only went in your lab

1351

00:53:25,740 --> 00:53:23,650

coat

1352

00:53:30,750 --> 00:53:25,750

that was inappropriate use of a power

1353

00:53:33,330 --> 00:53:30,760

balance band well let me use the bumped

1354

00:53:36,240 --> 00:53:33,340

the bumped for something else is a bit

1355

00:53:38,100 --> 00:53:36,250

of a segue dr. 'he you and I had a

1356

00:53:40,140 --> 00:53:38,110

marvelous time going down to cambrun

1357

00:53:42,270 --> 00:53:40,150

thanks to andrew gould for helping to

1358

00:53:44,370 --> 00:53:42,280

arrange that we spoke to skeptics in the

1359

00:53:46,740 --> 00:53:44,380

pub down there yeah we had a fantastic

1360

00:53:48,570 --> 00:53:46,750

day it was packed out wasn't it it

1361

00:53:51,840 --> 00:53:48,580

worked really was I mean I went there

1362

00:53:53,700 --> 00:53:51,850

previously with sheepy to c pz myers a

1363

00:53:55,170 --> 00:53:53,710

number of months back and i reckon there

1364

00:53:57,870 --> 00:53:55,180

were more people there this time then

1365

00:54:01,410 --> 00:53:57,880

there were four pz yeah it was chalkers

1366

00:54:03,660 --> 00:54:01,420

really it was good fun but the day

1367

00:54:06,360 --> 00:54:03,670

before i was scheduled to go on a local

1368

00:54:08,640 --> 00:54:06,370

radio station to see see there in

1369

00:54:11,730 --> 00:54:08,650

canberra speak to them their afternoon

1370

00:54:14,040 --> 00:54:11,740

presenter mike welsch mike welsch and so

1371

00:54:16,350 --> 00:54:14,050

the producer emailed me we lined it up

1372

00:54:18,540 --> 00:54:16,360

and i stayed home just to take the call

1373

00:54:19,590 --> 00:54:18,550

because I thought great publicity and so

1374

00:54:21,170 --> 00:54:19,600

I'm waiting and I'm waiting and I'm

1375

00:54:23,850 --> 00:54:21,180

listening online to the radio station

1376

00:54:28,260 --> 00:54:23,860

excuse me before I'm scheduled to be go

1377

00:54:31,320 --> 00:54:28,270

on and on comes denyne I Leah from catch

1378

00:54:33,720 --> 00:54:31,330

the fire ministries right and he talks

1379

00:54:35,670 --> 00:54:33,730

for about five to ten minutes or so I'm

1380

00:54:38,100 --> 00:54:35,680

thinking oh wow why would anybody have

1381

00:54:40,350 --> 00:54:38,110

that he's the guy who said that the bush

1382

00:54:42,390 --> 00:54:40,360

fires in Victoria few years ago caused

1383

00:54:44,610 --> 00:54:42,400

by the important laws in Victoria Weir

1384

00:54:46,920 --> 00:54:44,620

retribution from God so he's a nutcase

1385

00:54:48,930 --> 00:54:46,930

he was a kind of hang and uncharted asus

1386

00:54:50,640 --> 00:54:48,940

isms on Hills a tug Canberra once a year

1387

00:54:52,050 --> 00:54:50,650

yeah and he's after witches and all

1388

00:54:53,790 --> 00:54:52,060

sorts of things on top of that he also

1389

00:54:55,470 --> 00:54:53,800

said he dreamt the victorian bushfires

1390

00:54:58,890 --> 00:54:55,480

were coming but just didn't tell anyone

1391

00:55:01,410 --> 00:54:58,900

yeah so I'm thinking to myself why would

1392

00:55:04,020 --> 00:55:01,420

anyone have this miss nutter on radio I

1393

00:55:05,820 --> 00:55:04,030

mean what's the deal and and then the

1394

00:55:07,500 --> 00:55:05,830

producer gets back on the lot i was on i

1395

00:55:09,600 --> 00:55:07,510

was waiting by the phone ring ring ah

1396

00:55:11,880 --> 00:55:09,610

yep yeah here ready to go she said well

1397

00:55:13,470 --> 00:55:11,890

unfortunately we've run out of time we

1398

00:55:16,050 --> 00:55:13,480

can't fit you in our schedule today and

1399

00:55:18,240 --> 00:55:16,060

so I wasn't happy and I said to produce

1400

00:55:21,000 --> 00:55:18,250

it but you've got this guy on who said

1401

00:55:23,010 --> 00:55:21,010

that the bush fires were sent by God so

1402

00:55:25,490 --> 00:55:23,020

not happy not happy what's the

1403

00:55:28,170 --> 00:55:25,500

expression by happy Jan not happy Jan

1404

00:55:30,840 --> 00:55:28,180

anyway but apart from that dr. a cheap

1405

00:55:32,250 --> 00:55:30,850

when we drove down the Canberra but we

1406

00:55:34,080 --> 00:55:32,260

actually stopped on the side of the road

1407

00:55:36,670 --> 00:55:34,090

and I took a call from another radio

1408

00:55:38,140 --> 00:55:36,680

station spoke about what 15 minutes

1409

00:55:40,180 --> 00:55:38,150

really good into yeah really long

1410

00:55:41,920 --> 00:55:40,190

interview did you go to Fishwick cuz

1411

00:55:44,530 --> 00:55:41,930

that's good for porn fireworks and

1412

00:55:46,299 --> 00:55:44,540

wicker furniture I don't know that we

1413

00:55:49,030 --> 00:55:46,309

can furniture thing oh yeah well that's

1414

00:55:50,950 --> 00:55:49,040

when I uses a cover story fireworks yeah

1415

00:55:52,210 --> 00:55:50,960

you can still buy fireworks oh I don't

1416

00:55:54,910 --> 00:55:52,220

know I imagine if you know the right

1417

00:55:56,140 --> 00:55:54,920

people i mean i mean at certain times

1418

00:55:57,549 --> 00:55:56,150

the it's a place to go for if you want

1419

00:55:59,559 --> 00:55:57,559

your hand blown off it's the place to go

1420

00:56:01,240 --> 00:55:59,569

to there's an interesting occurrence and

1421

00:56:02,530 --> 00:56:01,250

i'm glad Maynard's here because he

1422

00:56:04,240 --> 00:56:02,540

certainly knows the area a little bit

1423

00:56:06,670 --> 00:56:04,250

better than we do Maynard there's an

1424

00:56:09,640 --> 00:56:06,680

interesting story about some ghostly

1425

00:56:11,829 --> 00:56:09,650

activity up north in the newcastle area

1426
00:56:14,079 --> 00:56:11,839
that's right and look the local ABC

1427
00:56:15,370 --> 00:56:14,089
radio station there which I've involved

1428
00:56:16,839 --> 00:56:15,380
with that hasn't been covering this

1429
00:56:19,150 --> 00:56:16,849
story because it's the kind of thing you

1430
00:56:20,920 --> 00:56:19,160
don't really want encouraged basically

1431
00:56:23,920 --> 00:56:20,930
north of Newcastle there's lemon tree

1432
00:56:26,230 --> 00:56:23,930
passage road which is not very well lit

1433
00:56:28,599 --> 00:56:26,240
it's mainly dark it's very straight

1434
00:56:29,620 --> 00:56:28,609
there are a couple of houses along at

1435
00:56:31,660 --> 00:56:29,630
the might have lights on it but it's

1436
00:56:33,490 --> 00:56:31,670
reasonably dark but having said that

1437
00:56:35,589 --> 00:56:33,500
there are a few houses as you would be

1438
00:56:36,970 --> 00:56:35,599

passing but what people claim to be

1439

00:56:38,349 --> 00:56:36,980

doing and there's a couple of videos

1440

00:56:40,900 --> 00:56:38,359

available on YouTube and it's been

1441

00:56:44,589 --> 00:56:40,910

recorded on news condo you I think it

1442

00:56:46,539 --> 00:56:44,599

was if you go 180 kilometers an hour or

1443

00:56:48,760 --> 00:56:46,549

faster that's us which i think in miles

1444

00:56:51,010 --> 00:56:48,770

an hour is about 110 miles now that'd be

1445

00:56:53,620 --> 00:56:51,020

about that refer about that we'll find

1446

00:56:56,020 --> 00:56:53,630

out for sure if you go that fast or

1447

00:56:58,059 --> 00:56:56,030

faster you'll see the ghost of a

1448

00:56:59,980 --> 00:56:58,069

motorcyclist approach you from behind

1449

00:57:01,720 --> 00:56:59,990

with his lives on it's a ghost of

1450

00:57:03,160 --> 00:57:01,730

apparently a 20 year old kid who was

1451

00:57:04,539 --> 00:57:03,170

killed there three years ago in a

1452

00:57:06,849 --> 00:57:04,549

motorcycle accident now we haven't

1453

00:57:08,950 --> 00:57:06,859

checked that but it is indeed possible

1454

00:57:10,720 --> 00:57:08,960

but the fact that there's a number of

1455

00:57:13,180 --> 00:57:10,730

videos going up on YouTube about this is

1456

00:57:14,740 --> 00:57:13,190

quite alarming and being the error it is

1457

00:57:16,720 --> 00:57:14,750

too it's a straight road if the police

1458

00:57:18,220 --> 00:57:16,730

weren't around you you might get away

1459

00:57:19,660 --> 00:57:18,230

with being able to do that and I can

1460

00:57:20,859 --> 00:57:19,670

that I can understand why few people

1461

00:57:22,539 --> 00:57:20,869

have made the videos you can hear the

1462

00:57:23,980 --> 00:57:22,549

kids getting very excited about it but

1463

00:57:25,809 --> 00:57:23,990

we don't have any idea what it is my

1464

00:57:28,089 --> 00:57:25,819

guess is that it's probably a reflection

1465

00:57:31,120 --> 00:57:28,099

in a certain area from what few lights

1466

00:57:33,160 --> 00:57:31,130

there are around that area or we'll just

1467

00:57:35,440 --> 00:57:33,170

just a one-off but why you have to be

1468

00:57:37,030 --> 00:57:35,450

going at 180 to see these reflections I

1469

00:57:40,030 --> 00:57:37,040

don't know it's certainly worth checking

1470

00:57:43,450 --> 00:57:40,040

out but since i drive a VW

1471

00:57:45,130 --> 00:57:43,460

as my car goes 180 three kilometers now

1472

00:57:47,950 --> 00:57:45,140

when it was new ten years ago so I'm

1473

00:57:49,660 --> 00:57:47,960

downhill yeah 11 miles an hour that's

1474

00:57:51,370 --> 00:57:49,670

fast enough and my theories the way have

1475

00:57:52,720 --> 00:57:51,380

to be going 180 kilometers now is

1476

00:57:54,160 --> 00:57:52,730

because when you're going slowly you can

1477

00:57:56,470 --> 00:57:54,170

actually see clearly enough to tell

1478

00:57:58,270 --> 00:57:56,480

pretty obviously exactly what it is yeah

1479

00:57:59,950 --> 00:57:58,280

why don't these could slow down just

1480

00:58:01,600 --> 00:57:59,960

slow the car down put on the brakes and

1481

00:58:04,060 --> 00:58:01,610

keep looking at the light and see that

1482

00:58:05,860 --> 00:58:04,070

because it's magic because the legend is

1483

00:58:07,600 --> 00:58:05,870

the ghost is apparently trying to warn

1484

00:58:09,670 --> 00:58:07,610

them not to drive dangerously so if

1485

00:58:11,200 --> 00:58:09,680

you'd globe below a certain speed you're

1486

00:58:13,540 --> 00:58:11,210

not driving dangerously and the ghost is

1487

00:58:15,790 --> 00:58:13,550

not it just didn't see you anymore that

1488

00:58:17,440 --> 00:58:15,800

goes to doing it badly wrong see this is

1489

00:58:20,110 --> 00:58:17,450

the classic urban myth that's gonna get

1490

00:58:22,210 --> 00:58:20,120

people killed this is a very good point

1491

00:58:24,400 --> 00:58:22,220

may not in fact I got a letter from our

1492

00:58:26,410 --> 00:58:24,410

good friend Jay novella at the skeptics

1493

00:58:28,030 --> 00:58:26,420

guide to the universe because they've

1494

00:58:30,700 --> 00:58:28,040

had some correspondence about this very

1495

00:58:33,940 --> 00:58:30,710

thing and one of their correspondence is

1496

00:58:36,130 --> 00:58:33,950

written to them I won't go through the

1497

00:58:37,570 --> 00:58:36,140

whole letter but the correspondent is

1498

00:58:39,640 --> 00:58:37,580

saying is a young person who has

1499

00:58:42,430 --> 00:58:39,650

recently lost a friend in a car accident

1500

00:58:44,350 --> 00:58:42,440

i am especially saddened by this

1501
00:58:46,930 --> 00:58:44,360
dangerous and stupid behavior which i

1502
00:58:48,550 --> 00:58:46,940
wholeheartedly agree with it's very

1503
00:58:49,960 --> 00:58:48,560
dangerous and stupid behavior well i

1504
00:58:51,280 --> 00:58:49,970
think this kids are doing that speed

1505
00:58:53,350 --> 00:58:51,290
limit in that area legally would

1506
00:58:55,330 --> 00:58:53,360
probably would we be 80 kilometers maybe

1507
00:58:56,770 --> 00:58:55,340
a hundred kilometers at the most and in

1508
00:58:58,420 --> 00:58:56,780
australia well in new south wales if

1509
00:59:00,280 --> 00:58:58,430
you're going 25 kilometers over the

1510
00:59:02,260 --> 00:59:00,290
limit it's not to make disqualification

1511
00:59:04,840 --> 00:59:02,270
for six months so if you're going 180

1512
00:59:06,670 --> 00:59:04,850
and you record at that speed i would

1513
00:59:08,500 --> 00:59:06,680

imagine i don't know how long is lose

1514

00:59:10,660 --> 00:59:08,510

license for but you showed us a video

1515

00:59:12,850 --> 00:59:10,670

before made out of kids having film

1516

00:59:14,920 --> 00:59:12,860

destiny that's true i showed you a bit a

1517

00:59:16,390 --> 00:59:14,930

bit of a video that kids had filmed from

1518

00:59:17,590 --> 00:59:16,400

the backseat so they were not the driver

1519

00:59:19,300 --> 00:59:17,600

though they were just the passengers in

1520

00:59:20,980 --> 00:59:19,310

the back seat filming what appears to be

1521

00:59:22,630 --> 00:59:20,990

some light approaching from behind but

1522

00:59:25,090 --> 00:59:22,640

it is there's a lot of artifacts in the

1523

00:59:27,490 --> 00:59:25,100

video and like i said the road is very

1524

00:59:29,650 --> 00:59:27,500

dark and very straight but there is the

1525

00:59:31,060 --> 00:59:29,660

odd light in the area from a house or

1526

00:59:32,950 --> 00:59:31,070

something like that there's not many but

1527

00:59:34,750 --> 00:59:32,960

there might be enough that that could be

1528

00:59:37,060 --> 00:59:34,760

reflecting within the back windscreen in

1529

00:59:39,400 --> 00:59:37,070

the car I don't know and that the test

1530

00:59:41,620 --> 00:59:39,410

would be to drive the same area at a

1531

00:59:42,910 --> 00:59:41,630

reasonable speed at around about the

1532

00:59:44,470 --> 00:59:42,920

same time a night and see if there's any

1533

00:59:46,690 --> 00:59:44,480

reflection there but I see but then

1534

00:59:48,130 --> 00:59:46,700

you're getting into Top Gear land if you

1535

00:59:50,230 --> 00:59:48,140

want to go driving around 100

1536

00:59:52,090 --> 00:59:50,240

well frankly and do it at night anyway

1537

00:59:54,520 --> 00:59:52,100

like that driving quickly at night you

1538

00:59:56,470 --> 00:59:54,530

run the risk of running over or bumping

1539

00:59:58,390 --> 00:59:56,480

into a nocturnal animal that's right

1540

00:59:59,590 --> 00:59:58,400

yeah you know that you know yep you

1541

01:00:00,910 --> 00:59:59,600

could be a good scoot over something

1542

01:00:03,010 --> 01:00:00,920

quite easily so this would be something

1543

01:00:04,540 --> 01:00:03,020

like sorry could get attacked by drop

1544

01:00:06,480 --> 01:00:04,550

bears yes you could but this is

1545

01:00:08,620 --> 01:00:06,490

something I wouldn't be keen to

1546

01:00:09,910 --> 01:00:08,630

investigate and test by driving quickly

1547

01:00:11,710 --> 01:00:09,920

at night because I think that would be

1548

01:00:15,190 --> 01:00:11,720

too dangerous anyway well I think it's

1549

01:00:16,630 --> 01:00:15,200

dangerous to test and I volunteer well

1550

01:00:18,520 --> 01:00:16,640

to see the thing is I don't think the

1551

01:00:20,830 --> 01:00:18,530

police would even agreed to a 28

1552

01:00:22,360 --> 01:00:20,840

allegedly safe test because because they

1553

01:00:24,310 --> 01:00:22,370

just don't want him for any any

1554

01:00:27,910 --> 01:00:24,320

publicity for this because it's not good

1555

01:00:31,420 --> 01:00:27,920

no in fact we strongly discourage anyone

1556

01:00:33,790 --> 01:00:31,430

anyone from being silly enough to speed

1557

01:00:36,430 --> 01:00:33,800

along this particular road at night at

1558

01:00:39,040 --> 01:00:36,440

high speed to check if some ridiculous

1559

01:00:41,800 --> 01:00:39,050

ghost story is true take it from us it's

1560

01:00:44,080 --> 01:00:41,810

not it's not true folks well what the

1561

01:00:46,060 --> 01:00:44,090

local police are saying is and here's a

1562

01:00:47,650 --> 01:00:46,070

quote we want speeding drivers to know

1563

01:00:50,530 --> 01:00:47,660

that the only bright light they'll be

1564

01:00:54,130 --> 01:00:50,540

seeing in their rear windows will be the

1565

01:00:56,350 --> 01:00:54,140

red and blue ones of our police car once

1566

01:00:58,810 --> 01:00:56,360

again my theory knowing the area a

1567

01:01:01,270 --> 01:00:58,820

little bit is that it's the reflections

1568

01:01:02,560 --> 01:01:01,280

of one of the few houses or lights that

1569

01:01:04,360 --> 01:01:02,570

are along that road because it is very

1570

01:01:05,620 --> 01:01:04,370

dark so anything that is in that road is

1571

01:01:08,740 --> 01:01:05,630

probably going to stand out in your

1572

01:01:10,810 --> 01:01:08,750

rear-view mirror anyway well let's

1573

01:01:12,670 --> 01:01:10,820

travel a bit further north to now James

1574

01:01:16,600 --> 01:01:12,680

just a little bit further north if we go

1575

01:01:17,950 --> 01:01:16,610

up to Darwin yeah only a couple of

1576

01:01:21,160 --> 01:01:17,960

kilometres give or take a street the

1577

01:01:22,960 --> 01:01:21,170

australian dollars greg is they don't

1578

01:01:30,340 --> 01:01:22,970

drink and drive they drink while they're

1579

01:01:33,280 --> 01:01:30,350

driving hi do all our listeners in

1580

01:01:35,500 --> 01:01:33,290

Darwin okay we all know the attention of

1581

01:01:38,890 --> 01:01:35,510

the octopus the psychic octopus Scott

1582

01:01:40,330 --> 01:01:38,900

for the World Cup Paul yeah also i was

1583

01:01:45,570 --> 01:01:40,340

calling giving suck remember his name

1584

01:01:47,670 --> 01:01:45,580

but anyway just name i gave them um

1585

01:01:49,350 --> 01:01:47,680

anyway everybody else is jumping on the

1586

01:01:50,880 --> 01:01:49,360

bandwagon now there's animals coming out

1587

01:01:52,710 --> 01:01:50,890

left right and center and in Darwin

1588

01:01:54,180 --> 01:01:52,720

there's a croc that's apparently going

1589

01:01:55,410 --> 01:01:54,190

to be able to predict the elections

1590

01:01:59,880 --> 01:01:55,420

that's happening in Australia right now

1591

01:02:02,940 --> 01:01:59,890

is the right word Rock how does it do

1592

01:02:04,830 --> 01:02:02,950

this James by eating the person by

1593

01:02:06,630 --> 01:02:04,840

eating the person that's pretty close

1594

01:02:09,330 --> 01:02:06,640

actually what they do is I get a red

1595

01:02:10,920 --> 01:02:09,340

head it's all Julia be long they get

1596

01:02:12,510 --> 01:02:10,930

photos of the two candidates and hang

1597

01:02:15,060 --> 01:02:12,520

some meat down below and whichever one

1598

01:02:16,440 --> 01:02:15,070

the crocodile goes for well I'm not too

1599

01:02:18,060 --> 01:02:16,450

sure about this honor whether that's the

1600

01:02:19,710 --> 01:02:18,070

one that the crocodile wants to lose

1601
01:02:21,540 --> 01:02:19,720
because eating at them or whether that's

1602
01:02:23,640 --> 01:02:21,550
the one who's going to win right I saw

1603
01:02:27,240 --> 01:02:23,650
some votes parameter bias creeping into

1604
01:02:28,500 --> 01:02:27,250
this but I the way yeah I the way the

1605
01:02:30,360 --> 01:02:28,510
experiment was actually done this

1606
01:02:32,940 --> 01:02:30,370
afternoon and apparently the crocodile

1607
01:02:34,680 --> 01:02:32,950
chose Julia Gillard to win so we'll see

1608
01:02:37,650 --> 01:02:34,690
how goes it has actually predicted some

1609
01:02:39,380 --> 01:02:37,660
things in the past um well next week

1610
01:02:42,120 --> 01:02:39,390
we'll find out whether do they go yeah

1611
01:02:44,250 --> 01:02:42,130
but polls are pretty comes just going to

1612
01:02:45,720 --> 01:02:44,260
win too but look look I think there's

1613
01:03:01,350 --> 01:02:45,730

clear buyers because that crocodile is a

1614

01:03:02,970 --> 01:03:01,360

known socialist anyway they talk about

1615

01:03:04,680 --> 01:03:02,980

other things in here that this crocodile

1616

01:03:07,020 --> 01:03:04,690

and the other crocodiles in the same

1617

01:03:09,240 --> 01:03:07,030

enclosure have predicted accurately but

1618

01:03:13,680 --> 01:03:09,250

of course they fail to mention how many

1619

01:03:16,590 --> 01:03:13,690

things it missed so Shannon you will

1620

01:03:18,330 --> 01:03:16,600

have no leg intended I will it

1621

01:03:22,140 --> 01:03:18,340

apparently got the world cup as well and

1622

01:03:24,450 --> 01:03:22,150

one of its enclosure mates whatever your

1623

01:03:28,770 --> 01:03:24,460

to call them has also predicted that a

1624

01:03:38,360 --> 01:03:28,780

single horse race one horse race what so

1625

01:03:43,770 --> 01:03:41,490

predictably which was one one particular

1626

01:03:46,410 --> 01:03:43,780

race but it hasn't I haven't said

1627

01:03:47,830 --> 01:03:46,420

anything about how many predictions they

1628

01:03:51,660 --> 01:03:47,840

got wrong

1629

01:03:55,780 --> 01:03:51,670

anyway let's get let's get back to more

1630

01:03:57,790 --> 01:03:55,790

what's the word esoteric more ethereal

1631

01:04:00,070 --> 01:03:57,800

things may not what do you have for us

1632

01:04:02,080 --> 01:04:00,080

well as you may remember I put a call

1633

01:04:04,570 --> 01:04:02,090

out a few weeks ago on this very show

1634

01:04:07,120 --> 01:04:04,580

for listeners to send things in a leader

1635

01:04:08,770 --> 01:04:07,130

and Dave Ingram I believe from Brisbane

1636

01:04:24,280 --> 01:04:08,780

I think we might be better send this

1637

01:04:28,550 --> 01:04:26,780

and that and we'll deal with that if

1638

01:04:32,300 --> 01:04:28,560

this isn't one look that is in fact not

1639

01:04:34,010 --> 01:04:32,310

a ghost it's a good ghost to me well it

1640

01:04:36,650 --> 01:04:34,020

does sound otherworldly but it is in

1641

01:04:38,900 --> 01:04:36,660

fact um I think the Tomcat that belongs

1642

01:04:41,510 --> 01:04:38,910

to Dave Ingram's snoring that is Dave's

1643

01:04:44,150 --> 01:04:41,520

cat snoring now we are listeners the

1644

01:04:46,970 --> 01:04:44,160

challenge is out can your cat beat that

1645

01:04:50,020 --> 01:04:46,980

snore if you have a snoring cat record

1646

01:04:53,090 --> 01:04:50,030

it and send the clip to Maynard out I

1647

01:04:54,890 --> 01:04:53,100

Maynard at manor dot-com that are you

1648

01:04:56,330 --> 01:04:54,900

where you can hear the mad club podcast

1649

01:05:00,620 --> 01:04:56,340

which includes a song where's me jumper

1650

01:05:02,480 --> 01:05:00,630

and and the freaky realistic hit call me

1651

01:05:06,530 --> 01:05:02,490

Leonard Nimoy Leonard Nimoy Leonard

1652

01:05:08,780 --> 01:05:06,540

Nimoy great track Thanks that's okay but

1653

01:05:10,490 --> 01:05:08,790

look at but we can't tell people what

1654

01:05:12,290 --> 01:05:10,500

weekend this is this weekend oh yeah

1655

01:05:14,150 --> 01:05:12,300

it's very important weekend I mean

1656

01:05:15,350 --> 01:05:14,160

forget the federal election forget all

1657

01:05:16,600 --> 01:05:15,360

that forget who's going to be Prime

1658

01:05:19,790 --> 01:05:16,610

Minister there's something far more

1659

01:05:21,620 --> 01:05:19,800

important happening this weekend is fact

1660

01:05:25,730 --> 01:05:21,630

is none other than international

1661

01:05:27,500 --> 01:05:25,740

lighthouse weekend no well that's a look

1662

01:05:29,300 --> 01:05:27,510

but I don't know about anyone out there

1663

01:05:31,670 --> 01:05:29,310

but I have been able to sleep from three

1664

01:05:32,810 --> 01:05:31,680

weeks and I've only known about the

1665

01:05:37,790 --> 01:05:32,820

lighthouse weekend for the last two days

1666

01:05:39,050 --> 01:05:37,800

so chances are might not be it could be

1667

01:05:40,160 --> 01:05:39,060

something else i'm doing is keeping me

1668

01:05:41,570 --> 01:05:40,170

awake I don't know but I tell you what

1669

01:05:43,070 --> 01:05:41,580

there's going to be people is gonna be a

1670

01:05:44,690 --> 01:05:43,080

ham radio operator out there

1671

01:05:45,890 --> 01:05:44,700

broadcasting to each other and there's

1672

01:05:47,540 --> 01:05:45,900

people just going to be looking at those

1673

01:05:49,310 --> 01:05:47,550

light out us and do you know listener

1674

01:05:52,820 --> 01:05:49,320

skeptical fact that almost all

1675

01:05:55,610 --> 01:05:52,830

lighthouses are on the coast oh really

1676

01:05:57,590 --> 01:05:55,620

almost all what do you mean by that may

1677

01:05:59,060 --> 01:05:57,600

note well I thought that I there you

1678

01:06:00,560 --> 01:05:59,070

know there might be some smarty bum

1679

01:06:02,630 --> 01:06:00,570

skeptic out there to go well may know

1680

01:06:05,000 --> 01:06:02,640

I've got a lighthouse and it'll amore

1681

01:06:07,190 --> 01:06:05,010

and in fact um there were our

1682

01:06:09,740 --> 01:06:07,200

lighthouses on inland waterways

1683

01:06:11,600 --> 01:06:09,750

occasionally so you can't say they're

1684

01:06:13,070 --> 01:06:11,610

all on the coast just the majority of

1685

01:06:15,290 --> 01:06:13,080

them are on the coast is a safe thing to

1686

01:06:16,700 --> 01:06:15,300

say and also light ships as well hello

1687

01:06:18,380 --> 01:06:16,710

all those people and also see

1688

01:06:20,480 --> 01:06:18,390

lighthouses signify a lot of people

1689

01:06:22,130 --> 01:06:20,490

think things at skeptics are see

1690

01:06:23,900 --> 01:06:22,140

lighthouses and skeptics people might

1691

01:06:26,750 --> 01:06:23,910

think go together because lighthouses

1692

01:06:29,150 --> 01:06:26,760

had beards pipes and a lot of loneliness

1693

01:06:30,710 --> 01:06:29,160

like my highest lighthouses happen yeah

1694

01:06:32,599 --> 01:06:30,720

yeah well my housekeeper

1695

01:06:36,080 --> 01:06:32,609

look everybody I've seen a few bearded

1696

01:06:37,370 --> 01:06:36,090

lighthouse I'm just cuz I get invited to

1697

01:06:39,170 --> 01:06:37,380

better parties in you I just think

1698

01:06:41,630 --> 01:06:39,180

that's true another sort of place you're

1699

01:06:43,280 --> 01:06:41,640

going to yeah yeah people are going to

1700

01:06:44,359 --> 01:06:43,290

hang out at lighthouses on on saturday

1701

01:06:45,950 --> 01:06:44,369

and sunday they're going to broadcast

1702

01:06:47,390 --> 01:06:45,960

all messages to each other around the

1703

01:06:49,370 --> 01:06:47,400

world and they're going to celebrate the

1704

01:06:51,710 --> 01:06:49,380

fact of big erect things with lights on

1705

01:06:53,570 --> 01:06:51,720

them are there any myths surrounding

1706

01:06:55,460 --> 01:06:53,580

lighthouses well there's the last big

1707

01:06:57,440 --> 01:06:55,470

guys there are I mean and there's a

1708

01:06:58,849 --> 01:06:57,450

particularly very famous for a

1709

01:07:00,710 --> 01:06:58,859

lighthouse called the Jolly Rock

1710

01:07:02,210 --> 01:07:00,720

Lighthouse may not that's right and I

1711

01:07:03,890 --> 01:07:02,220

actually when I do when I did the story

1712

01:07:05,359 --> 01:07:03,900

and I was looking for a little bits of

1713

01:07:06,859 --> 01:07:05,369

musical bits to put into my story I

1714

01:07:08,990 --> 01:07:06,869

found I want to marry a lighthouse

1715

01:07:11,690 --> 01:07:09,000

keeper by Walter Carlos now Wendy Carlos

1716

01:07:14,359 --> 01:07:11,700

from the Clockwork Orange soundtrack I

1717

01:07:16,670 --> 01:07:14,369

found the goodies episode of course the

1718

01:07:18,410 --> 01:07:16,680

Jolly rock lighthouse is a whole skit in

1719

01:07:19,760 --> 01:07:18,420

that about the Jolly rock lighthouse and

1720

01:07:21,339 --> 01:07:19,770

it's not a vaccine thing to for the

1721

01:07:23,420 --> 01:07:21,349

skeptics because they get mumps in it

1722

01:07:26,510 --> 01:07:23,430

it's got something for you people than

1723

01:07:28,130 --> 01:07:26,520

us 10u very genuine and of course I did

1724

01:07:32,660 --> 01:07:28,140

include the famous Belinda Carlisle hit

1725

01:07:34,609 --> 01:07:32,670

from 1989 leave a lighthouse for me she

1726

01:07:36,079 --> 01:07:34,619

once up said that every time you listen

1727

01:07:37,670 --> 01:07:36,089

that song from now on you'll think she's

1728

01:07:39,950 --> 01:07:37,680

singing leave a lighthouse for me

1729

01:07:43,579 --> 01:07:39,960

because that's what sounds like leave a

1730

01:07:45,680 --> 01:07:43,589

live as for me yeah oh my goodness may

1731

01:07:47,240 --> 01:07:45,690

not I think you're right well it is true

1732

01:07:49,640 --> 01:07:47,250

and when I think of it mentioned Brian

1733

01:07:51,500 --> 01:07:49,650

darling before we go oh we have to okay

1734

01:07:53,570 --> 01:07:51,510

now my brother is my fav favorite to

1735

01:07:54,890 --> 01:07:53,580

podcast either no agenda which I love

1736

01:07:56,480 --> 01:07:54,900

they get into the wild stuff in the

1737

01:07:58,160 --> 01:07:56,490

morning there but yeah when I want the

1738

01:08:00,320 --> 01:07:58,170

science I go to mr. Dunning there and

1739

01:08:02,599 --> 01:08:00,330

skip to it as a show and I've discovered

1740

01:08:04,040 --> 01:08:02,609

that his dad used to fly with Ted

1741

01:08:06,620 --> 01:08:04,050

Robertson the senator who was killed

1742

01:08:08,300 --> 01:08:06,630

recently allegedly by the Harper ray

1743

01:08:10,400 --> 01:08:08,310

according to no agenda but that's

1744

01:08:13,010 --> 01:08:10,410

another different thing altogether which

1745

01:08:16,249 --> 01:08:13,020

I don't think fits into this show and in

1746

01:08:18,229 --> 01:08:16,259

heat they used to fly Dakota's dc-3s or

1747

01:08:20,660 --> 01:08:18,239

c-47s as I believe the Americans called

1748

01:08:22,999 --> 01:08:20,670

them over the hump to supply the Flying

1749

01:08:24,440 --> 01:08:23,009

Tigers in China during the Second World

1750

01:08:26,240 --> 01:08:24,450

War and I think that's amazing the prime

1751

01:08:26,990 --> 01:08:26,250

dad's Brian's death is very interesting

1752

01:08:28,940 --> 01:08:27,000

one

1753

01:08:33,740 --> 01:08:28,950

amazing after the whole sentence I don't

1754

01:08:37,760 --> 01:08:33,750

understand a word maybe I maybe I wasn't

1755

01:08:40,280 --> 01:08:37,770

enough good Flying Tiger Tiger something

1756

01:08:42,170 --> 01:08:40,290

okay just probably bit of knowledge okay

1757

01:08:43,789 --> 01:08:42,180

yep let's work backwards Flying Tigers

1758

01:08:45,740 --> 01:08:43,799

that was the key Hawks flown by the

1759

01:08:47,059 --> 01:08:45,750

Americans for the Chinese against the

1760

01:08:50,210 --> 01:08:47,069

Japanese during the Second World War

1761

01:08:53,870 --> 01:08:50,220

they were supplied by pilots one of them

1762

01:08:56,240 --> 01:08:53,880

being Brian Dunning's dad who flew dc-3s

1763

01:08:58,370 --> 01:08:56,250

the decoder known as the c-47 by the

1764

01:09:00,110 --> 01:08:58,380

Americans over the hump to supply them

1765

01:09:03,160 --> 01:09:00,120

so i was just fascinated live the hump

1766

01:09:05,329 --> 01:09:03,170

over the hump which was the Himalayas

1767

01:09:06,380 --> 01:09:05,339

becomes clear and you don't get much

1768

01:09:08,150 --> 01:09:06,390

bigger humps in that I guess

1769

01:09:11,210 --> 01:09:08,160

geographically they're pretty big when

1770

01:09:13,190 --> 01:09:11,220

it comes to hops and yeah so I would

1771

01:09:14,900 --> 01:09:13,200

like to see you know not a bog review

1772

01:09:16,280 --> 01:09:14,910

but Brian's dad about the whole thing is

1773

01:09:18,890 --> 01:09:16,290

that sounds kind of interesting folks

1774

01:09:21,079 --> 01:09:18,900

the things you learn on the skeptic zone

1775

01:09:25,460 --> 01:09:21,089

what can I say and I'm not even a

1776

01:09:27,680 --> 01:09:25,470

scientist you're a historian today yes

1777

01:09:29,390 --> 01:09:27,690

it's a we're all a fountain each one of

1778

01:09:31,370 --> 01:09:29,400

us is a fountain of endless knowledge I

1779

01:09:33,140 --> 01:09:31,380

sometimes think including dr. H II

1780

01:09:36,249 --> 01:09:33,150

because last week we were talking about

1781

01:09:38,690 --> 01:09:36,259

the election and we were talking about

1782

01:09:40,999 --> 01:09:38,700

political well political parties that

1783

01:09:42,980 --> 01:09:41,009

might be appropriate for skeptics to

1784

01:09:44,420 --> 01:09:42,990

perhaps align with in vote for and I

1785

01:09:45,860 --> 01:09:44,430

said that I didn't know anything about

1786

01:09:48,340 --> 01:09:45,870

the secular party so I didn't know if

1787

01:09:51,620 --> 01:09:48,350

they're really good boolean Bryce is

1788

01:09:53,480 --> 01:09:51,630

running as a senator well I do apologize

1789

01:09:55,130 --> 01:09:53,490

for inferring that they weren't any good

1790

01:09:56,480 --> 01:09:55,140

I didn't mean they're no good I just

1791

01:09:58,790 --> 01:09:56,490

meant I don't know anything about their

1792

01:10:01,040 --> 01:09:58,800

policies so I students had a chat with

1793

01:10:03,920 --> 01:10:01,050

ian bryce who is running in New South

1794

01:10:07,550 --> 01:10:03,930

Wales and they do have very Pro science

1795

01:10:09,920 --> 01:10:07,560

you know pro evidence-based policies so

1796

01:10:11,510 --> 01:10:09,930

if people want to know more about the

1797

01:10:12,770 --> 01:10:11,520

secular party just google them and you

1798

01:10:14,900 --> 01:10:12,780

can find out about their policies

1799

01:10:16,520 --> 01:10:14,910

because saturday so we advise all our

1800

01:10:18,770 --> 01:10:16,530

listeners to carefully consider their

1801
01:10:20,900 --> 01:10:18,780
voting choices this weekend that go to

1802
01:10:22,310 --> 01:10:20,910
below the line the log today you yes now

1803
01:10:23,900 --> 01:10:22,320
this is a great thing because in the

1804
01:10:25,430 --> 01:10:23,910
Australian Federal Election if you vote

1805
01:10:27,440 --> 01:10:25,440
below the line you have to number all

1806
01:10:28,880 --> 01:10:27,450
the numbers 12 84 in your preference and

1807
01:10:30,590 --> 01:10:28,890
this is a bit daunting I did this as a

1808
01:10:32,060 --> 01:10:30,600
postal ballot and I couldn't get another

1809
01:10:34,070 --> 01:10:32,070
one if i mucked it up sales a bit scared

1810
01:10:35,450 --> 01:10:34,080
but you've got this great website just

1811
01:10:37,060 --> 01:10:35,460
mentioned and what's advantage you can

1812
01:10:40,910 --> 01:10:37,070
do it i've used it to you

1813
01:10:42,860 --> 01:10:40,920

are we they list out all the candidates

1814

01:10:44,479 --> 01:10:42,870

quite easily for you can go to you can

1815

01:10:47,689 --> 01:10:44,489

select whether you want your preferences

1816

01:10:49,550 --> 01:10:47,699

to be based on how the Greens to their

1817

01:10:51,919 --> 01:10:49,560

preferences by liberals by labor and

1818

01:10:54,169 --> 01:10:51,929

list them all out for you top to bottom

1819

01:10:57,140 --> 01:10:54,179

one through at 84 you can reorganize

1820

01:10:59,149 --> 01:10:57,150

them there in a nice easy to see list

1821

01:11:00,350 --> 01:10:59,159

like that yeah and then you can print up

1822

01:11:02,149 --> 01:11:00,360

a sheet that looks pretty much exactly

1823

01:11:03,830 --> 01:11:02,159

like the ballot papers so that when you

1824

01:11:05,750 --> 01:11:03,840

go in to vote where you need to do is

1825

01:11:07,100 --> 01:11:05,760

fill it out in the exact same way all

1826

01:11:09,169 --> 01:11:07,110

right so I can school when you went into

1827

01:11:14,090 --> 01:11:09,179

an examine you had the answers written

1828

01:11:15,979 --> 01:11:14,100

on your leg it's just like that and 84

1829

01:11:17,510 --> 01:11:15,989

on your leg is a bit much listeners very

1830

01:11:19,189 --> 01:11:17,520

long length yeah you have got long legs

1831

01:11:23,000 --> 01:11:19,199

this is outside of Australia may be

1832

01:11:24,439 --> 01:11:23,010

interested to discover that for the

1833

01:11:27,260 --> 01:11:24,449

Australian citizens is actually

1834

01:11:28,939 --> 01:11:27,270

compulsory for us to turn up at our

1835

01:11:32,180 --> 01:11:28,949

election place and have our name ticked

1836

01:11:34,520 --> 01:11:32,190

off we don't actually have to write

1837

01:11:36,350 --> 01:11:34,530

anything on the ballot you can leave it

1838

01:11:37,790 --> 01:11:36,360

blank and shove it in but we have to

1839

01:11:39,560 --> 01:11:37,800

turn up and have our name ticked off at

1840

01:11:41,390 --> 01:11:39,570

least you can draw something obscene if

1841

01:11:43,070 --> 01:11:41,400

you like my mom actually counts vote

1842

01:11:51,560 --> 01:11:43,080

since you said a lot of penises in her

1843

01:11:55,490 --> 01:11:51,570

time got a job though what a job that is

1844

01:12:03,680 --> 01:11:55,500

no joke dr. reaches mum bring them all

1845

01:12:06,050 --> 01:12:03,690

back in polling poor mini before we get

1846

01:12:08,000 --> 01:12:06,060

on to our last item there from joke and

1847

01:12:11,209 --> 01:12:08,010

I hang on upside of the unicorn here I

1848

01:12:13,280 --> 01:12:11,219

want to I will not be denied oh no

1849

01:12:15,649 --> 01:12:13,290

I'm wait a second this is testable

1850

01:12:17,630 --> 01:12:15,659

evidence ok now 20 you go 20 years ago

1851

01:12:19,490 --> 01:12:17,640

there was a major non-scientific hit in

1852

01:12:22,100 --> 01:12:19,500

this country by an artist called guru

1853

01:12:25,790 --> 01:12:22,110

Josh infinity was a song otherwise known

1854

01:12:27,530 --> 01:12:25,800

as 1990 time for guru now I'm showing

1855

01:12:29,419 --> 01:12:27,540

this photo here what I believe to be

1856

01:12:31,700 --> 01:12:29,429

what guru just looks like 20 years later

1857

01:12:34,250 --> 01:12:31,710

doing some roofing work near where I

1858

01:12:35,959 --> 01:12:34,260

work now look I think that's guru josh

1859

01:12:37,220 --> 01:12:35,969

appearing on today tonight anonymized

1860

01:12:39,050 --> 01:12:37,230

with a light him in the background

1861

01:12:40,459 --> 01:12:39,060

behind well look i had taken quickly

1862

01:12:41,840 --> 01:12:40,469

with the iphone because i was one foot

1863

01:12:42,890 --> 01:12:41,850

away from the guy who bought us i'm just

1864

01:12:44,870 --> 01:12:42,900

taking a photo a vehicle i think you

1865

01:12:46,740 --> 01:12:44,880

look like a 1990s raver probably

1866

01:12:49,290 --> 01:12:46,750

wouldn't work but he's wearing a 19-8

1867

01:12:51,060 --> 01:12:49,300

nine ravers hat he's got a fluoro shirt

1868

01:12:52,470 --> 01:12:51,070

and look he does look like he's been

1869

01:12:54,360 --> 01:12:52,480

through a bit there in the last 20 years

1870

01:12:58,160 --> 01:12:54,370

so i think i had the only known photo of

1871

01:13:00,630 --> 01:12:58,170

guru josh today goodness 11 of heavens l

1872

01:13:02,760 --> 01:13:00,640

told you wear nothing but fountains of

1873

01:13:05,520 --> 01:13:02,770

knowledge now listeners may want to

1874

01:13:08,880 --> 01:13:05,530

visit an interesting blog called code

1875

01:13:11,250 --> 01:13:08,890

Nick's blog code nixdorf blog random

1876

01:13:14,580 --> 01:13:11,260

jottings about IT science and critical

1877

01:13:20,070 --> 01:13:14,590

thinking and that's HTTP colon slash

1878

01:13:23,340 --> 01:13:20,080

slash blog code Nick's ni x or good Joe

1879

01:13:25,950 --> 01:13:23,350

The Skeptical nerves yes um I came

1880

01:13:28,470 --> 01:13:25,960

across a curious article on a website

1881

01:13:30,810 --> 01:13:28,480

called Democrat chronicle com which is

1882

01:13:35,400 --> 01:13:30,820

apparently a long-running newspaper in

1883

01:13:38,490 --> 01:13:35,410

the new york state area been around for

1884

01:13:41,070 --> 01:13:38,500

over a hundred years anyway this piece

1885

01:13:42,930 --> 01:13:41,080

was written by someone by the name of

1886

01:13:44,520 --> 01:13:42,940

lismore who is the director of

1887

01:13:49,140 --> 01:13:44,530

integrative medicine at clifton springs

1888

01:13:53,100 --> 01:13:49,150

hospital in ontario county it's awful

1889

01:13:54,270 --> 01:13:53,110

it's you know but when i get into it you

1890

01:13:56,520 --> 01:13:54,280

there's really not much this

1891

01:13:58,140 --> 01:13:56,530

particularly different from any of the

1892

01:14:03,150 --> 01:13:58,150

other nonsense that we've talked about

1893

01:14:05,790 --> 01:14:03,160

about ruin Achmed but what really just

1894

01:14:09,210 --> 01:14:05,800

got me giggling with this one is um that

1895

01:14:12,110 --> 01:14:09,220

this is specifically to do with current

1896

01:14:16,080 --> 01:14:12,120

you know state of war that America is in

1897

01:14:18,330 --> 01:14:16,090

and lays more article is called health

1898

01:14:25,080 --> 01:14:18,340

check-up the importance of special

1899

01:14:27,420 --> 01:14:25,090

medicine closes what the Special

1900

01:14:30,150 --> 01:14:27,430

Olympics again it and I'll read to you

1901

01:14:31,980 --> 01:14:30,160

directly what what lismore says he says

1902

01:14:33,870 --> 01:14:31,990

when we are at war we use both

1903

01:14:36,480 --> 01:14:33,880

conventional forces and unconventional

1904

01:14:38,760 --> 01:14:36,490

forces conventional forces battled

1905

01:14:40,440 --> 01:14:38,770

directly against the enemy while Special

1906

01:14:42,780 --> 01:14:40,450

Forces teach the host nation how to

1907

01:14:45,690 --> 01:14:42,790

defend itself well actually as

1908

01:14:48,450 --> 01:14:45,700

militarily not quite good no no it's not

1909

01:15:00,110 --> 01:14:48,460

but we'll keep going it is the same with

1910

01:15:07,500 --> 01:15:05,640

yes there is one we have we have

1911

01:15:10,110 --> 01:15:07,510

conventional medicine which battles

1912

01:15:13,140 --> 01:15:10,120

diseases directly and unconventional or

1913

01:15:16,310 --> 01:15:13,150

special medicine helps the body finest

1914

01:15:19,080 --> 01:15:16,320

own diseases he then goes on to further

1915

01:15:20,760 --> 01:15:19,090

compare and explain how special medicine

1916

01:15:22,560 --> 01:15:20,770

is everything we know like old med

1917

01:15:24,900 --> 01:15:22,570

integrative medicine whatever you want

1918

01:15:28,560 --> 01:15:24,910

to call it but he then goes on to

1919

01:15:32,070 --> 01:15:28,570

describe how special medicine is being

1920

01:15:34,400 --> 01:15:32,080

used by the military today huh there was

1921

01:15:37,500 --> 01:15:34,410

a quack cast about this real battlefield

1922

01:15:39,600 --> 01:15:37,510

acupuncture I have no yeah actually I'm

1923

01:15:42,240 --> 01:15:39,610

betting in fact this must tie in very

1924

01:15:45,690 --> 01:15:42,250

closely ah-ha Tom's been blown off stick

1925

01:15:47,370 --> 01:15:45,700

small needle in it well yeah according

1926

01:15:49,410 --> 01:15:47,380

to lismore the US military is using

1927

01:15:51,870 --> 01:15:49,420

acupuncture for pain management on

1928

01:15:54,690 --> 01:15:51,880

amputees and burn patients are returning

1929

01:15:56,640 --> 01:15:54,700

from Afghanistan and Iraq the US Army

1930

01:15:58,760 --> 01:15:56,650

has a center that focuses on integrative

1931

01:16:01,020 --> 01:15:58,770

medicine for soldiers and family use

1932

01:16:02,700 --> 01:16:01,030

nutritional and botanical supplements

1933

01:16:05,460 --> 01:16:02,710

are used to enhance performance of

1934

01:16:07,350 --> 01:16:05,470

combat soldiers Special Forces soldiers

1935

01:16:09,180 --> 01:16:07,360

are using acupuncture in war zones to

1936

01:16:11,400 --> 01:16:09,190

help other soldiers maintain health and

1937

01:16:12,900 --> 01:16:11,410

combat readiness and veterans are using

1938

01:16:14,670 --> 01:16:12,910

special medicine for health and stress

1939

01:16:16,440 --> 01:16:14,680

recovery you know people are driving

1940

01:16:19,290 --> 01:16:16,450

while they listen to this joke I know

1941

01:16:21,710 --> 01:16:19,300

I'm sorry um he then goes on to talk

1942

01:16:28,920 --> 01:16:21,720

about organizations like is now

1943

01:16:30,990 --> 01:16:28,930

acupuncturists Without Borders as well

1944

01:16:35,200 --> 01:16:31,000

and naturopaths Without Borders and home

1945

01:16:39,680 --> 01:16:37,910

you're gonna love this one some of these

1946

01:16:41,660 --> 01:16:39,690

organizations are able to build better

1947

01:16:43,220 --> 01:16:41,670

immediate rapport with the people they

1948

01:16:45,260 --> 01:16:43,230

are working with that organizations

1949

01:16:47,980 --> 01:16:45,270

using conventional medicine because of

1950

01:16:50,630 --> 01:16:47,990

similarities to traditional medicine

1951

01:16:52,640 --> 01:16:50,640

argument from antiquity what I don't

1952

01:16:56,120 --> 01:16:52,650

arguments a whole new one it's a home

1953

01:16:58,550 --> 01:16:56,130

you on all arguments d better yeah um he

1954

01:17:00,350 --> 01:16:58,560

finishes off by saying at both tactical

1955

01:17:01,910 --> 01:17:00,360

and strategic levels the US military

1956

01:17:03,370 --> 01:17:01,920

will continue to expand its use of

1957

01:17:05,390 --> 01:17:03,380

special medicine in military operations

1958

01:17:07,730 --> 01:17:05,400

stability operations and nation

1959

01:17:09,110 --> 01:17:07,740

rebuilding our response to disaster and

1960

01:17:10,970 --> 01:17:09,120

providing of disaster relief will

1961

01:17:13,310 --> 01:17:10,980

continue to include and expand upon the

1962

01:17:16,190 --> 01:17:13,320

use of special medicine our own homeland

1963

01:17:18,050 --> 01:17:16,200

security will depend upon our ability to

1964

01:17:19,670 --> 01:17:18,060

investigate and implement special

1965

01:17:24,500 --> 01:17:19,680

medicine for its quick response to

1966

01:17:31,760 --> 01:17:24,510

security issues note to self when taking

1967

01:17:33,650 --> 01:17:31,770

over the world attack America first well

1968

01:17:35,840 --> 01:17:33,660

don't worry because by the way this is

1969

01:17:40,790 --> 01:17:35,850

going they'll be holding the infamous

1970

01:17:42,680 --> 01:17:40,800

bomb detectors when you get well I read

1971

01:17:44,000 --> 01:17:42,690

a wide magazine article that is

1972

01:17:45,770 --> 01:17:44,010

completely off topic could anyone like

1973

01:17:47,360 --> 01:17:45,780

to hear but it was all they go okay that

1974

01:17:49,730 --> 01:17:47,370

if you that was a little interesting

1975

01:17:53,420 --> 01:17:49,740

nugget that if they you could have built

1976

01:17:55,580 --> 01:17:53,430

an iPod in 1976 if you wanted to but it

1977

01:17:57,640 --> 01:17:55,590

would have cost 1 billion dollars and

1978

01:17:59,900 --> 01:17:57,650

would have been the size of a house and

1979

01:18:01,160 --> 01:17:59,910

that they worked out that you could get

1980

01:18:02,570 --> 01:18:01,170

the you could have got the parts

1981

01:18:04,730 --> 01:18:02,580

to do it you could have got to work in

1982

01:18:06,080 --> 01:18:04,740

the same way but in 1976 it would have

1983

01:18:07,730 --> 01:18:06,090

cost 1 billion dollars would have been

1984

01:18:09,200 --> 01:18:07,740

the size of a house and I told it to an

1985

01:18:11,120 --> 01:18:09,210

engineer and he said we'll look that's

1986

01:18:13,310 --> 01:18:11,130

for the parts and the size he said but

1987

01:18:15,170 --> 01:18:13,320

to get the cabling run and everything

1988

01:18:16,820 --> 01:18:15,180

between all the components it probably

1989

01:18:18,320 --> 01:18:16,830

wouldn't have worked because this is

1990

01:18:20,000 --> 01:18:18,330

because the run would have been too long

1991

01:18:21,620 --> 01:18:20,010

between all the components for to ever

1992

01:18:23,420 --> 01:18:21,630

work so I think that's very interesting

1993

01:18:25,400 --> 01:18:23,430

like you're sure you could have mocked

1994

01:18:32,240 --> 01:18:25,410

it up but got it working well you're not

1995

01:18:34,310 --> 01:18:32,250

the man himself I'm gonna leave I'm

1996

01:18:36,410 --> 01:18:34,320

gonna leave the think tank through in

1997

01:18:39,110 --> 01:18:36,420

ruptures main odd person

1998

01:18:41,150 --> 01:18:39,120

all losing the plot tonight but I'd like

1999

01:18:43,220 --> 01:18:41,160

to thank in no particular order yourself

2000

01:18:44,780 --> 01:18:43,230

thank you very much I thank you check

2001

01:18:47,300 --> 01:18:44,790

out mint.com that are you for some

2002

01:18:50,500 --> 01:18:47,310

interesting podcast material where I'd

2003

01:18:54,470 --> 01:18:50,510

like to thank don't add doctor dr. rachy

2004

01:18:56,150 --> 01:18:54,480

dr. heu thank you dr. a cheap I'd like

2005

01:18:57,560 --> 01:18:56,160

to thank Nurse Joy the skeptical nurse

2006

01:18:59,090 --> 01:18:57,570

thank you Richard can I just say

2007

01:19:01,100 --> 01:18:59,100

something before we go two things

2008

01:19:04,250 --> 01:19:01,110

actually I would just I would just like

2009

01:19:07,910 --> 01:19:04,260

to remind everyone that as of now there

2010

01:19:09,140 --> 01:19:07,920

are 98 sleeps until town Australia so

2011

01:19:11,330 --> 01:19:09,150

that's very exciting and the other thing

2012

01:19:15,740 --> 01:19:11,340

I just wanted to say before we go is um

2013

01:19:18,160 --> 01:19:15,750

other than a fine for me I am we wanted

2014

01:19:22,400 --> 01:19:18,170

to give a shout out to our good friend

2015

01:19:25,160 --> 01:19:22,410

George Rev from geologic podcast we've

2016

01:19:28,340 --> 01:19:25,170

all been listening to his fabulous

2017

01:19:30,439 --> 01:19:28,350

record trebuchet I've got it on replay

2018

01:19:31,550 --> 01:19:30,449

you'll be pleased to know SGU I'm very

2019

01:19:33,020 --> 01:19:31,560

sorry I'm no longer cleaning

2020

01:19:34,970 --> 01:19:33,030

kaleidoscopes well as lead to you i'm

2021

01:19:37,820 --> 01:19:34,980

now listening to and believe in

2022

01:19:40,459 --> 01:19:37,830

horoscopes but anyone who hasn't bought

2023

01:19:42,169 --> 01:19:40,469

a copy of Gio's fabulous record

2024

01:19:44,360 --> 01:19:42,179

trebuchet just go to geologic podcast

2025

01:19:46,220 --> 01:19:44,370

calm to find a copy absolutely in jail

2026

01:19:47,419 --> 01:19:46,230

we're going to be seeing you dr. H and

2027

01:19:48,560 --> 01:19:47,429

I'll be seeing you in just a few weeks

2028

01:19:51,290 --> 01:19:48,570

and we look forward to seeing you out

2029

01:19:55,550 --> 01:19:51,300

here in Australia to Jason thanks for

2030

01:19:57,709 --> 01:19:55,560

coming on thanks for the lulz and James

2031

01:19:59,150 --> 01:19:57,719

thank you and actually I've got one

2032

01:20:01,340 --> 01:19:59,160

thing I'd like to say quickly as well

2033

01:20:03,919 --> 01:20:01,350

yeah it's just a little bone to pick

2034

01:20:07,250 --> 01:20:03,929

with somebody in the schedule community

2035

01:20:10,250 --> 01:20:07,260

last Sunday evening rebecca watson from

2036

01:20:12,880 --> 01:20:10,260

SGU she um she had a little go at sheep

2037

01:20:16,189 --> 01:20:12,890

which i'm not exactly very happy about

2038

01:20:18,380 --> 01:20:16,199

she tweeted and i quote from afar sheep

2039

01:20:21,320 --> 01:20:18,390

will quite huggable but i bet up close

2040

01:20:26,030 --> 01:20:21,330

it's all hoobs lice and poo now do you

2041

01:20:29,120 --> 01:20:26,040

see it is to me is it I'm not on that

2042

01:20:36,820 --> 01:20:29,130

interesting note do you think shout out

2043

01:21:14,230 --> 01:20:40,160

is good job what were all those cats

2044

01:21:19,940 --> 01:21:16,670

thank you for listening to this week's

2045

01:21:22,130 --> 01:21:19,950

episode of the skeptic zone one more

2046

01:21:24,770 --> 01:21:22,140

episode to come out before dr. reach and

2047

01:21:27,200 --> 01:21:24,780

I jump on that plane and head over to

2048

01:21:29,480 --> 01:21:27,210

well first we're stopping briefly in

2049

01:21:32,600 --> 01:21:29,490

California and then we're making our way

2050

01:21:34,730 --> 01:21:32,610

to Atlanta Georgia for dragoncon and of

2051

01:21:36,410 --> 01:21:34,740

course Kylie Sturgis from all the way

2052

01:21:39,710 --> 01:21:36,420

from Perth will be making her way to

2053

01:21:41,630 --> 01:21:39,720

dragoncon to fabulous times i'm sure and

2054

01:21:44,270 --> 01:21:41,640

i hope that if you're going to dragoncon

2055

01:21:46,760 --> 01:21:44,280

that you come up and say hello you'll

2056

01:21:49,130 --> 01:21:46,770

have plenty of opportunity until then

2057

01:21:54,740 --> 01:21:49,140

this is Richard Saunders signing off

2058

01:21:57,080 --> 01:21:54,750

from Sydney Australia you've been

2059

01:22:01,580 --> 01:21:57,090

listening to the skeptic zone visit our

2060

01:22:04,070 --> 01:22:01,590

website at www.skeptics.org on TV the

2061

01:22:06,440 --> 01:22:04,080

comments contacts and extra video

2062

01:22:09,440 --> 01:22:06,450

reports

2063

01:22:17,910 --> 01:22:09,450

our skin