

**The Skeptic Zone Podcast
Show 408 - 14 August 2016**



Susan Gerbic

1
00:00:09,089 --> 00:00:05,940

you

2
00:00:22,210 --> 00:00:09,099

welcome to the skeptic zone the podcast

3
00:00:28,550 --> 00:00:24,769

hello and welcome to the skeptic zone

4
00:00:31,220 --> 00:00:28,560

podcast episode number 408 for the 14th

5
00:00:33,619 --> 00:00:31,230

of August 2016 Richard Saunders here

6
00:00:35,240 --> 00:00:33,629

with you from Sydney Australia what a

7
00:00:38,450 --> 00:00:35,250

great day I had yesterday my friends

8
00:00:40,520 --> 00:00:38,460

what a fun day Maynard our reporter main

9
00:00:44,600 --> 00:00:40,530

heart and I took part in the mystery

10
00:00:47,420 --> 00:00:44,610

investigators science show life science

11
00:00:49,880 --> 00:00:47,430

show as part of super science Saturday

12
00:00:53,179 --> 00:00:49,890

here at the Australian Museum in Sydney

13
00:00:55,880 --> 00:00:53,189

we are played to audiences one at around

14

00:00:58,880 --> 00:00:55,890

midday 13 clock both packed houses it

15

00:01:01,149 --> 00:00:58,890

was great lots of kids their kids and

16

00:01:04,280 --> 00:01:01,159

adults and all sorts of people we did a

17

00:01:07,249 --> 00:01:04,290

demonstration of water divining we had

18

00:01:09,200 --> 00:01:07,259

the bed of nails as ever showed the

19

00:01:12,800 --> 00:01:09,210

power balance band and the tricks behind

20

00:01:14,690 --> 00:01:12,810

those talked about astrology and how

21

00:01:18,200 --> 00:01:14,700

wonderful the real science of astronomy

22

00:01:20,539 --> 00:01:18,210

is and fantastic time and we really love

23

00:01:22,310 --> 00:01:20,549

doing the mystery investigators show I

24

00:01:23,630 --> 00:01:22,320

think the water divining is the

25

00:01:26,920 --> 00:01:23,640

highlight that always gets a great

26

00:01:29,810 --> 00:01:26,930

reaction from the audience apart from

27

00:01:32,030 --> 00:01:29,820

apart from when Maynard stands on my

28

00:01:53,580 --> 00:01:32,040

back as i lie on a bed of nails and

29

00:02:27,550 --> 00:02:07,840

my house slowly and which is on this

30

00:02:27,560 --> 00:02:34,340

hi

31

00:02:40,230 --> 00:02:38,220

yeah there we go and then the kids

32

00:02:42,630 --> 00:02:40,240

always worried that I've damaged myself

33

00:02:44,100 --> 00:02:42,640

and when I get up and I reveal that I've

34

00:02:46,500 --> 00:02:44,110

got no puncture wounds there's great

35

00:02:48,870 --> 00:02:46,510

relief from the little kids it's a lot

36

00:02:50,130 --> 00:02:48,880

of fun but coming up on the next show

37

00:02:52,590 --> 00:02:50,140

next week's show I'll play some

38

00:02:54,810 --> 00:02:52,600

highlights from Maynard and I at the

39

00:02:57,570 --> 00:02:54,820

Museum and some other interviews with

40

00:03:00,060 --> 00:02:57,580

the scientific outreach people there on

41

00:03:02,460 --> 00:03:00,070

the day but that's next week because

42

00:03:04,500 --> 00:03:02,470

this week's episode is a quite full we

43

00:03:05,850 --> 00:03:04,510

must start with an interview with an old

44

00:03:07,800 --> 00:03:05,860

friend of mine an old friend of yours

45

00:03:10,170 --> 00:03:07,810

often of everybody susan goreck from

46

00:03:14,820 --> 00:03:10,180

guerrilla skepticism who has acted

47

00:03:17,190 --> 00:03:14,830

swiftly very swiftly on this story about

48

00:03:18,950 --> 00:03:17,200

cupping you've probably seen it heard

49

00:03:21,720 --> 00:03:18,960

about it it's been around the cursor

50

00:03:24,000 --> 00:03:21,730

members of the u.s. swim team in Rio

51
00:03:28,940 --> 00:03:24,010
have shown up with bigger bruises on

52
00:03:32,610 --> 00:03:28,950
their bodies from cupping bizarre quack

53
00:03:35,370 --> 00:03:32,620
alternative therapy technique Susan

54
00:03:40,520 --> 00:03:35,380
Kovac was very quick jumped on Wikipedia

55
00:03:44,010 --> 00:03:40,530
to edit the cupping page to reflect the

56
00:03:46,110 --> 00:03:44,020
truth of the issue we're going to be

57
00:03:48,390 --> 00:03:46,120
talking to her all about that then I'll

58
00:03:52,440 --> 00:03:48,400
read a piece written by a very own dr.

59
00:03:54,720 --> 00:03:52,450
Brad makhaya who is a wonderful example

60
00:03:58,530 --> 00:03:54,730
of a scientific outreach when it comes

61
00:04:00,720 --> 00:03:58,540
to medicine scientifically based

62
00:04:03,410 --> 00:04:00,730
medicine and he wrote a piece about

63
00:04:05,730 --> 00:04:03,420

cupping as well so we'll read that out

64

00:04:07,260 --> 00:04:05,740

following that it's a report from the

65

00:04:09,450 --> 00:04:07,270

Australian skeptics website about our

66

00:04:11,720 --> 00:04:09,460

friend dr. ken harvey who has recently

67

00:04:15,270 --> 00:04:11,730

awarded a very important scientific

68

00:04:18,810 --> 00:04:15,280

medal and an achievement and it's very

69

00:04:21,210 --> 00:04:18,820

good news ken is a tireless campaigner

70

00:04:25,890 --> 00:04:21,220

for science and reason in the medical

71

00:04:28,620 --> 00:04:25,900

realm chasing many a quack then it's our

72

00:04:32,400 --> 00:04:28,630

new reporter Shelley stockin with her

73

00:04:33,900 --> 00:04:32,410

segment cake stock now Shelley's been on

74

00:04:37,410 --> 00:04:33,910

the show before over the past few months

75

00:04:38,760 --> 00:04:37,420

talking about Freeman on the land and a

76

00:04:43,890 --> 00:04:38,770

few weeks before that she was talking

77

00:04:45,510 --> 00:04:43,900

about naturopaths we were so impressed

78

00:04:48,030 --> 00:04:45,520

she had such a good reaction from

79

00:04:49,800 --> 00:04:48,040

listeners that we invited her to be

80

00:04:53,070 --> 00:04:49,810

opponent part of the skeptic zone so

81

00:04:55,439 --> 00:04:53,080

welcome aboard surely stocking with take

82

00:05:00,360 --> 00:04:55,449

stock and today Shelly's going to be

83

00:05:03,240 --> 00:05:00,370

looking at demonic possession I think

84

00:05:07,110 --> 00:05:03,250

that that's true actually it happens to

85

00:05:08,700 --> 00:05:07,120

my cats every dinner time hmm the

86

00:05:11,279 --> 00:05:08,710

skeptic zone cats that possessed by

87

00:05:14,219 --> 00:05:11,289

something and they want their dinner I

88

00:05:16,650 --> 00:05:14,229

can tell you been to round off the show

89

00:05:19,320 --> 00:05:16,660

Heidi Robertson the raw skeptic with her

90

00:05:20,969 --> 00:05:19,330

reports from Brisbane skeptic camp and

91

00:05:23,640 --> 00:05:20,979

this will be ongoing for the next few

92

00:05:25,200 --> 00:05:23,650

weeks Heidi was there running around

93

00:05:26,909 --> 00:05:25,210

with her microphone grabbing all sorts

94

00:05:29,520 --> 00:05:26,919

of interviews from people going to skip

95

00:05:32,159 --> 00:05:29,530

the camp and on today's episode we're

96

00:05:33,750 --> 00:05:32,169

going to hear general audience reaction

97

00:05:35,909 --> 00:05:33,760

about skeptic camp lots of little

98

00:05:38,279 --> 00:05:35,919

interviews and then a longer interview

99

00:05:42,300 --> 00:05:38,289

with a an attendee called Curtis who

100

00:05:43,650 --> 00:05:42,310

works in an organic food store an

101

00:05:46,529 --> 00:05:43,660

interesting angle and interesting

102

00:05:48,180 --> 00:05:46,539

insight I think you'll find now a few

103

00:05:50,430 --> 00:05:48,190

extra notes before we get stuck into the

104

00:05:52,350 --> 00:05:50,440

show I hope you can join us if you're in

105

00:05:54,060 --> 00:05:52,360

Sydney at the Australian skeptics next

106

00:05:58,620 --> 00:05:54,070

dinner meeting which is sep tember the

107

00:06:02,279 --> 00:05:58,630

24th wisdom of the Ancients with Lynn

108

00:06:05,219 --> 00:06:02,289

Kelly wonderful Lynn Kelly author

109

00:06:07,020 --> 00:06:05,229

extraordinary and might say now she has

110

00:06:10,790 --> 00:06:07,030

written a book called the memory code

111

00:06:13,680 --> 00:06:10,800

all about how ancient civilizations and

112

00:06:16,350 --> 00:06:13,690

people all around the world used memory

113

00:06:18,870 --> 00:06:16,360

techniques in order to survive it's a

114

00:06:20,490 --> 00:06:18,880

very practical thing to do and it

115

00:06:22,620 --> 00:06:20,500

involves Stonehenge and all sorts of

116

00:06:25,200 --> 00:06:22,630

other things the book has been very well

117

00:06:28,020 --> 00:06:25,210

received making lots of waves around the

118

00:06:29,580 --> 00:06:28,030

world and you can meet Lynn Kelly and

119

00:06:31,560 --> 00:06:29,590

hear her talk at the next skeptics

120

00:06:36,300 --> 00:06:31,570

dinner meeting and you can buy tickets

121

00:06:37,890 --> 00:06:36,310

for that at skeptics calm I you and why

122

00:06:40,170 --> 00:06:37,900

you're at that website why don't you

123

00:06:43,140 --> 00:06:40,180

scroll down to the bottom of the page

124

00:06:45,450 --> 00:06:43,150

and sign up to receive the Australian

125

00:06:47,760 --> 00:06:45,460

skeptics newsletter regular newsletter

126

00:06:50,670 --> 00:06:47,770

keep up to date with skeptical events

127

00:06:52,980 --> 00:06:50,680

and also if you have a an item you think

128

00:06:55,469 --> 00:06:52,990

might be worthy of the newsletter drop

129

00:06:57,629 --> 00:06:55,479

the Australian skeptics a line and you

130

00:07:00,989 --> 00:06:57,639

can do that at skeptics calm got

131

00:07:03,600 --> 00:07:00,999

you as well and if that's not enough you

132

00:07:06,959 --> 00:07:03,610

can click the special features link at

133

00:07:10,519 --> 00:07:06,969

the top of the page scroll down to the

134

00:07:12,959 --> 00:07:10,529

bent spoon award have a look at that and

135

00:07:14,760 --> 00:07:12,969

if you're in Australia have a think who

136

00:07:17,700 --> 00:07:14,770

you would like to nominate for this

137

00:07:19,320 --> 00:07:17,710

year's bent spoon award and having a

138

00:07:21,959 --> 00:07:19,330

quick look at the page at the moment we

139

00:07:23,999 --> 00:07:21,969

see the current nominations for 2016 are

140

00:07:26,399 --> 00:07:24,009

the University of Wollongong the

141

00:07:29,939 --> 00:07:26,409

University who awarded a PhD to an

142

00:07:32,339 --> 00:07:29,949

anti-vaccination activist also listed

143

00:07:35,610 --> 00:07:32,349

for this year in contention dr. Marian

144

00:07:37,529 --> 00:07:35,620

Damacry for the ABC catalyst program

145

00:07:40,230 --> 00:07:37,539

about the dangers and so-called dangers

146

00:07:43,920 --> 00:07:40,240

of Wi-Fi we got some nominations from

147

00:07:45,839 --> 00:07:43,930

the National Institute of complementary

148

00:07:47,969 --> 00:07:45,849

medicine I'm sure we can have some more

149

00:07:49,679 --> 00:07:47,979

so those people in Australia if you can

150

00:07:52,980 --> 00:07:49,689

think of somebody who who you think

151

00:07:56,700 --> 00:07:52,990

personifies a pseudo-scientific or

152

00:08:00,119 --> 00:07:56,710

paranormal piffle head to skeptics calm

153

00:08:01,890 --> 00:08:00,129

today you and submit your nomination

154

00:08:03,119 --> 00:08:01,900

well that's all from me at the moment

155

00:08:04,589 --> 00:08:03,129

I'm going to run downstairs now going to

156

00:08:07,800 --> 00:08:04,599

run out the door i'll run out the door

157

00:08:11,249 --> 00:08:07,810

today run into the car run into the car

158

00:08:15,480 --> 00:08:11,259

get into the car run to the car get into

159

00:08:16,679 --> 00:08:15,490

the car drive to a sushi train yeah you

160

00:08:19,499 --> 00:08:16,689

know when I was a little kid we just

161

00:08:20,879 --> 00:08:19,509

didn't have that sort of stuff we just

162

00:08:23,760 --> 00:08:20,889

didn't know it's no sushi there was no

163

00:08:26,490 --> 00:08:23,770

sushi train something going to run to

164

00:08:28,559 --> 00:08:26,500

the car drive to sushi train enjoy my

165

00:08:31,170 --> 00:08:28,569

favorite which i think is probably the

166

00:08:35,909 --> 00:08:31,180

salmon and avocado or the chicken and

167

00:08:38,670 --> 00:08:35,919

avocado and the pickled ginger oh great

168

00:09:01,350 --> 00:08:38,680

combination while I do that I hope you

169

00:09:06,250 --> 00:09:04,269

and joining me now from sunny California

170

00:09:08,650 --> 00:09:06,260

well I hope it's sunny anyway it's a

171

00:09:12,370 --> 00:09:08,660

Susan go back from guerrilla skepticism

172

00:09:14,620 --> 00:09:12,380

hello hi Mase a really nice to see you

173

00:09:16,720 --> 00:09:14,630

because we are seeing each other through

174

00:09:18,640 --> 00:09:16,730

the wonders of um what are we using this

175

00:09:21,220 --> 00:09:18,650

time it's not skype today it's oh it's

176

00:09:23,440 --> 00:09:21,230

messenger facebook Messenger oh that's

177

00:09:24,790 --> 00:09:23,450

awesome yeah what next I mean there's

178

00:09:26,890 --> 00:09:24,800

there's so many ways to do this you're

179

00:09:29,519 --> 00:09:26,900

looking well well thank you very much

180

00:09:32,140 --> 00:09:29,529

you're looking quite picky yourself oh

181

00:09:34,269 --> 00:09:32,150

yes it's a big love in here folks on the

182

00:09:38,079 --> 00:09:34,279

skeptic zone now Susan the reason i've

183

00:09:40,720 --> 00:09:38,089

had i've contacted you uh is this

184

00:09:42,660 --> 00:09:40,730

cupping story in the last few days

185

00:09:45,430 --> 00:09:42,670

because of the American swim team

186

00:09:47,890 --> 00:09:45,440

turning up to the pool in Rio covered in

187

00:09:49,960 --> 00:09:47,900

polka dots it's really taken off a lot

188

00:09:53,740 --> 00:09:49,970

of the media are suddenly interested in

189

00:09:56,290 --> 00:09:53,750

cupping and what I love is that you have

190

00:09:58,870 --> 00:09:56,300

jumped on this story very quickly in

191

00:10:00,220 --> 00:09:58,880

your work with Wikipedia take up the

192

00:10:02,860 --> 00:10:00,230

story from there and tell us what's

193

00:10:05,730 --> 00:10:02,870

happening what is happening is the

194

00:10:09,910 --> 00:10:05,740

sports reporters are reporting that

195

00:10:10,930 --> 00:10:09,920

cupping works our maybe it doesn't they

196

00:10:12,490 --> 00:10:10,940

don't really know what they're saying

197

00:10:14,500 --> 00:10:12,500

they're just talking about having to

198

00:10:16,810 --> 00:10:14,510

find out what it is that's these big red

199

00:10:21,449 --> 00:10:16,820

spots that are on the American swim team

200

00:10:24,910 --> 00:10:21,459

so somebody posted on Facebook an

201
00:10:27,490 --> 00:10:24,920
article about cutting and what's going

202
00:10:31,480 --> 00:10:27,500
on Michael Phelps appears to be the

203
00:10:32,949 --> 00:10:31,490
biggest draw and I said fine so let's go

204
00:10:34,060 --> 00:10:32,959
look at the wikipedia page because you

205
00:10:36,100 --> 00:10:34,070
know what's going to happen sports

206
00:10:38,560 --> 00:10:36,110
reporters are talking about it people

207
00:10:39,730 --> 00:10:38,570
were talking about it but people don't

208
00:10:40,720 --> 00:10:39,740
know what's going to happen they're

209
00:10:42,040 --> 00:10:40,730
going to go and they're going to have

210
00:10:43,180 --> 00:10:42,050
the google it so they're going to google

211
00:10:45,160 --> 00:10:43,190
it they're going to get the wikipedia

212
00:10:47,199 --> 00:10:45,170
page and what are they seeing and what

213
00:10:49,510 --> 00:10:47,209

they were singh the english wikipedia

214

00:10:51,130 --> 00:10:49,520

page was two sentences long it was

215

00:10:52,390 --> 00:10:51,140

talking about cutting and it had

216

00:10:54,889 --> 00:10:52,400

absolutely nothing to do with

217

00:10:56,359 --> 00:10:54,899

pseudoscience or talking about it not

218

00:10:58,429 --> 00:10:56,369

working or anything like that it was

219

00:11:02,210 --> 00:10:58,439

just basically this is what cuffing is

220

00:11:05,329 --> 00:11:02,220

so hmm I got a little upset yes and

221

00:11:08,420 --> 00:11:05,339

immediately within about a half an hour

222

00:11:10,309 --> 00:11:08,430

I had expanded the wikipedia page the

223

00:11:13,900 --> 00:11:10,319

lead that's the top part that's what

224

00:11:17,569 --> 00:11:13,910

most people read yeah and I had put

225

00:11:21,559 --> 00:11:17,579

Harriet hall Simon Singh Edward Ernst

226

00:11:24,290 --> 00:11:21,569

and Mark Crispin and quoted them and

227

00:11:26,169 --> 00:11:24,300

hyperlink to the Wikipedia pages and I

228

00:11:29,929 --> 00:11:26,179

said that they call it pseudoscience

229

00:11:31,579 --> 00:11:29,939

nonsense a celebrity fad gibberish and

230

00:11:34,160 --> 00:11:31,589

that there's no evidence that cupping

231

00:11:36,559 --> 00:11:34,170

works any better than a placebo and then

232

00:11:39,230 --> 00:11:36,569

I went and found an article by David

233

00:11:42,710 --> 00:11:39,240

Calhoun who wrote that cupping is

234

00:11:44,449 --> 00:11:42,720

laughable and utterly implausible and I

235

00:11:48,199 --> 00:11:44,459

added that to the Wikipedia lead and

236

00:11:50,989 --> 00:11:48,209

then i went to bed notified everybody on

237

00:11:54,650 --> 00:11:50,999

gso w that this is looks like it's going

238

00:11:56,179 --> 00:11:54,660

to be a thing and we need to start

239

00:11:58,639 --> 00:11:56,189

making sure that all the Wikipedia pages

240

00:12:01,189 --> 00:11:58,649

on cutting and all in which is that we

241

00:12:04,340 --> 00:12:01,199

can give you know are represented in

242

00:12:07,249 --> 00:12:04,350

good shape somebody overnight put a

243

00:12:10,160 --> 00:12:07,259

mention about the olympic team in the

244

00:12:15,350 --> 00:12:10,170

lead and i didn't want to take it out so

245

00:12:17,569 --> 00:12:15,360

i added a david gorski article and it

246

00:12:19,999 --> 00:12:17,579

says it's all risk for no benefit and

247

00:12:23,150 --> 00:12:20,009

has no place in modern medicine and then

248

00:12:25,819 --> 00:12:23,160

you gave me a link this morning to dr.

249

00:12:29,660 --> 00:12:25,829

brad mikhay from new zealand and

250

00:12:31,939 --> 00:12:29,670

australia yeah and i put him in this

251
00:12:33,919 --> 00:12:31,949
morning oh this afternoon and it says

252
00:12:35,720 --> 00:12:33,929
that the Olympians are doing a great

253
00:12:37,939 --> 00:12:35,730
disservice to their fans that may follow

254
00:12:40,369 --> 00:12:37,949
their lead he calls cupping an ancient

255
00:12:42,139 --> 00:12:40,379
but useless traditional therapy so the

256
00:12:44,119 --> 00:12:42,149
leave is one paragraph long it has all

257
00:12:46,129 --> 00:12:44,129
kinds of information and they're all of

258
00:12:48,739 --> 00:12:46,139
it pretty much saying it is nonsense

259
00:12:50,299 --> 00:12:48,749
pseudoscience and then so my team has

260
00:12:52,489 --> 00:12:50,309
been going through working on the

261
00:12:55,039 --> 00:12:52,499
wikipedia page in other places but what

262
00:12:57,259 --> 00:12:55,049
happened is it has become a frenzy of

263
00:12:58,970 --> 00:12:57,269

people editing the Wikipedia page and

264

00:13:02,239 --> 00:12:58,980

there are people reverting it i'm

265

00:13:03,860 --> 00:13:02,249

changing it and and i mean every few

266

00:13:05,660 --> 00:13:03,870

minutes we're having to revert it it

267

00:13:07,579 --> 00:13:05,670

looks like we've got about a half an

268

00:13:07,820 --> 00:13:07,589

hour now but nobody's referred by me you

269

00:13:09,980 --> 00:13:07,830

know

270

00:13:12,200 --> 00:13:09,990

just looking at it as we speak now on my

271

00:13:14,540 --> 00:13:12,210

big monitor the above the monitor I'm

272

00:13:15,800 --> 00:13:14,550

looking at you oh yes folks it's pretty

273

00:13:18,380 --> 00:13:15,810

technical here at the skeptics own

274

00:13:20,840 --> 00:13:18,390

headquarters and the current state of

275

00:13:23,200 --> 00:13:20,850

the page on Wikipedia which I'll link to

276

00:13:25,370 --> 00:13:23,210

but nevertheless it's cupping therapy

277

00:13:27,950 --> 00:13:25,380

that's the name of the wikipedia page

278

00:13:29,660 --> 00:13:27,960

cupping therapy looks pretty good it

279

00:13:32,150 --> 00:13:29,670

looks pretty straight forward with the

280

00:13:34,280 --> 00:13:32,160

the citations that you mentioned is a

281

00:13:37,370 --> 00:13:34,290

lot of pictures appeared overnight I've

282

00:13:40,310 --> 00:13:37,380

noticed of various pictures of holding

283

00:13:41,930 --> 00:13:40,320

now look folks and disappeared and and

284

00:13:45,500 --> 00:13:41,940

disappeared and reappeared and and just

285

00:13:48,170 --> 00:13:45,510

very quickly folks if you don't know in

286

00:13:52,010 --> 00:13:48,180

a nutshell cupping is the practice of

287

00:13:55,010 --> 00:13:52,020

either using vacuum jars or just heating

288

00:13:56,840 --> 00:13:55,020

jars of glass jars placing those on the

289

00:13:59,510 --> 00:13:56,850

back or other parts of the body

290

00:14:01,460 --> 00:13:59,520

presumably and letting the suction

291

00:14:03,560 --> 00:14:01,470

drawer up the skin which can create

292

00:14:08,210 --> 00:14:03,570

bruises and other and other problems

293

00:14:09,560 --> 00:14:08,220

that's about right and okay so one of

294

00:14:12,320 --> 00:14:09,570

the things that we've been looking at

295

00:14:14,510 --> 00:14:12,330

because we are a team of editors that

296

00:14:16,190 --> 00:14:14,520

are all over the world is we're trying

297

00:14:17,810 --> 00:14:16,200

to make sure that the Wikipedia pages

298

00:14:20,150 --> 00:14:17,820

and other languages are in great shape

299

00:14:23,360 --> 00:14:20,160

and we've been going through them the

300

00:14:25,940 --> 00:14:23,370

Dutch page had no citations and it was

301
00:14:29,930 --> 00:14:25,950
just describing what cupping is so our

302
00:14:33,170 --> 00:14:29,940
editor Leon has written in the lead that

303
00:14:36,560 --> 00:14:33,180
it's dangerous quackery and then our

304
00:14:40,070 --> 00:14:36,570
Chinese page it's very wolf filled it's

305
00:14:42,260 --> 00:14:40,080
definitely full of Wu and I have an

306
00:14:44,240 --> 00:14:42,270
editor who is not a native chinese

307
00:14:46,820 --> 00:14:44,250
speaker so I really need some Chinese

308
00:14:48,770 --> 00:14:46,830
editors and he's doing what he can it's

309
00:14:51,470 --> 00:14:48,780
going to be an uphill battle to fight

310
00:14:52,820 --> 00:14:51,480
against that but definitely the Chinese

311
00:14:56,510 --> 00:14:52,830
page is a one that needs a lot of

312
00:14:59,120 --> 00:14:56,520
obviously support a Russian page we need

313
00:15:01,010 --> 00:14:59,130

more people editing on that person who's

314

00:15:03,290 --> 00:15:01,020

been trying to do it she's at work and

315

00:15:06,140 --> 00:15:03,300

can't get to it and she says the

316

00:15:08,870 --> 00:15:06,150

Wikipedia page is named medical jars

317

00:15:11,720 --> 00:15:08,880

instead of cupping so that's kind of

318

00:15:14,270 --> 00:15:11,730

interesting our Portuguese page had

319

00:15:17,240 --> 00:15:14,280

three citations that did mention Simon

320

00:15:19,760 --> 00:15:17,250

Singh and Edward Ernst and called it

321

00:15:21,030 --> 00:15:19,770

harmful pseudoscience so our editor

322

00:15:23,280 --> 00:15:21,040

Valerio

323

00:15:27,720 --> 00:15:23,290

has added a couple more citations amid a

324

00:15:30,210 --> 00:15:27,730

stronger page Spanish page is done by

325

00:15:32,430 --> 00:15:30,220

someone named walking it was in pretty

326

00:15:34,499 --> 00:15:32,440

good shape it had three citations now

327

00:15:36,840 --> 00:15:34,509

he's got seven citations he's out of the

328

00:15:38,400 --> 00:15:36,850

word pseudoscience to lead and then the

329

00:15:40,590 --> 00:15:38,410

only other page we've touched is the

330

00:15:42,870 --> 00:15:40,600

Polish page which already had a warning

331

00:15:45,329 --> 00:15:42,880

that the page was incompatible with

332

00:15:48,240 --> 00:15:45,339

current knowledge and he's sprucing it

333

00:15:51,259 --> 00:15:48,250

up I need more Italian and French

334

00:15:54,090 --> 00:15:51,269

editors and anything else in between to

335

00:15:56,639 --> 00:15:54,100

be able to support this because it's too

336

00:15:58,860 --> 00:15:56,649

important to just be focusing on English

337

00:16:00,769 --> 00:15:58,870

yes now what I like about this whole

338

00:16:03,329 --> 00:16:00,779

story of course is that since it

339

00:16:05,160 --> 00:16:03,339

appeared in the news courtesy of the

340

00:16:09,090 --> 00:16:05,170

American swimming team and Michael

341

00:16:11,069 --> 00:16:09,100

Phelps in particular that you didn't

342

00:16:13,050 --> 00:16:11,079

waste any time you checked out the

343

00:16:15,540 --> 00:16:13,060

references on Wikipedia saw that they

344

00:16:19,170 --> 00:16:15,550

were completely inadequate and decided

345

00:16:21,449 --> 00:16:19,180

to amend the page to truly reflect what

346

00:16:23,610 --> 00:16:21,459

cupping is all about and as it says

347

00:16:25,559 --> 00:16:23,620

clearly on the page we've got the

348

00:16:27,780 --> 00:16:25,569

citations it's a celebrity fads it's

349

00:16:29,430 --> 00:16:27,790

gibberish it is nonsense and I'm just so

350

00:16:32,129 --> 00:16:29,440

pleased that when people go to that page

351
00:16:34,230 --> 00:16:32,139
on Wikipedia there's no there's no two

352
00:16:38,309 --> 00:16:34,240
ways about it it click it states clearly

353
00:16:41,220 --> 00:16:38,319
what cupping is right and you know I

354
00:16:42,629 --> 00:16:41,230
really want to point this out would you

355
00:16:45,269 --> 00:16:42,639
say that they are going to go to the

356
00:16:46,980 --> 00:16:45,279
Wikipedia page and do it we really need

357
00:16:50,189 --> 00:16:46,990
some numbers because you know skeptics

358
00:16:52,710 --> 00:16:50,199
like numbers and normally the cupping

359
00:16:56,509 --> 00:16:52,720
page was receiving about 900 views a day

360
00:17:00,840 --> 00:16:56,519
it went on August second no aqus on

361
00:17:04,020 --> 00:17:00,850
August seventh it went to 16,000 news on

362
00:17:06,720 --> 00:17:04,030
that one day Wow and then on august

363
00:17:10,470 --> 00:17:06,730

eighth august eight it hit a hundred and

364

00:17:13,829 --> 00:17:10,480

six thousand views oh so it is gaining a

365

00:17:15,809 --> 00:17:13,839

lot of attention before badly looking to

366

00:17:18,899 --> 00:17:15,819

see what the heck cupping therapy is and

367

00:17:21,179 --> 00:17:18,909

if we don't have if it had just had

368

00:17:23,579 --> 00:17:21,189

those two sentences on there well then

369

00:17:25,319 --> 00:17:23,589

you know the copying people all over the

370

00:17:27,510 --> 00:17:25,329

world are going to be just going hey man

371

00:17:30,120 --> 00:17:27,520

let's make some money here I mean it's

372

00:17:31,640 --> 00:17:30,130

still can obviously bring in some

373

00:17:33,020 --> 00:17:31,650

dollars to him and

374

00:17:35,210 --> 00:17:33,030

the pseudoscience is going to become a

375

00:17:37,220 --> 00:17:35,220

big deal but you know we got to do

376

00:17:40,880 --> 00:17:37,230

something about it we got it this is all

377

00:17:42,440 --> 00:17:40,890

we can do and oh one more point I wanted

378

00:17:44,480 --> 00:17:42,450

to make is that all the people that I've

379

00:17:46,850 --> 00:17:44,490

mentioned on the wikipedia page Simon

380

00:17:49,280 --> 00:17:46,860

Singh mark crisp it Edward Ernst and

381

00:17:52,030 --> 00:17:49,290

David Calhoun and Harriet hall they've

382

00:17:54,710 --> 00:17:52,040

all are mentioned on the lead of the

383

00:17:56,810 --> 00:17:54,720

fearless cupping therapy Wikipedia page

384

00:17:59,630 --> 00:17:56,820

and they're all seeing huge spikes in

385

00:18:01,670 --> 00:17:59,640

their wikipedia pages two thousand two

386

00:18:04,280 --> 00:18:01,680

hundred percent nine hundred percent

387

00:18:06,020 --> 00:18:04,290

four hundred percent increase in there

388

00:18:09,140 --> 00:18:06,030

wikipedia views of course that's only

389

00:18:11,330 --> 00:18:09,150

like 100 or 200 views but people are

390

00:18:13,040 --> 00:18:11,340

obviously interested enough that they're

391

00:18:15,050 --> 00:18:13,050

clicking on these peoples names and

392

00:18:17,600 --> 00:18:15,060

reading their wikipedia page which is

393

00:18:20,060 --> 00:18:17,610

like a the goldilocks the fact you know

394

00:18:22,250 --> 00:18:20,070

you put out put it out there and

395

00:18:24,740 --> 00:18:22,260

hopefully it'll get some views to their

396

00:18:27,080 --> 00:18:24,750

pages and people will learn more about

397

00:18:29,090 --> 00:18:27,090

skepticism and more about the people at

398

00:18:31,850 --> 00:18:29,100

our movement well this just illustrates

399

00:18:34,370 --> 00:18:31,860

the me Susan why what you do and your

400

00:18:35,900 --> 00:18:34,380

team is so important and you've been

401
00:18:38,030 --> 00:18:35,910
friends of the skeptic zone now for a

402
00:18:40,340 --> 00:18:38,040
very long time and I'm so sorry I won't

403
00:18:43,010 --> 00:18:40,350
be able to see you in October in the mid

404
00:18:45,320 --> 00:18:43,020
the big skeptical meeting in Las Vegas I

405
00:18:48,050 --> 00:18:45,330
am so disappointed I'm not going to see

406
00:18:50,060 --> 00:18:48,060
you there either Richard but I will be

407
00:18:52,010 --> 00:18:50,070
seeing you hopefully by the end of the

408
00:18:53,900 --> 00:18:52,020
year oh of course yes you're absolutely

409
00:18:57,350 --> 00:18:53,910
right because you and I will be

410
00:18:58,910 --> 00:18:57,360
attending the New Zealand skeptics

411
00:19:01,370 --> 00:18:58,920
conference in I think that's early

412
00:19:03,860 --> 00:19:01,380
December yes it is just over first and

413
00:19:06,170 --> 00:19:03,870

second I'm hoping to fly in either a

414

00:19:08,630 --> 00:19:06,180

week before the conference and a week

415

00:19:11,330 --> 00:19:08,640

after or something of that sort and I

416

00:19:14,330 --> 00:19:11,340

hope that I will be able to see many of

417

00:19:16,490 --> 00:19:14,340

the new zealand skeptics over there i

418

00:19:18,710 --> 00:19:16,500

want to hang out with them and let's go

419

00:19:20,510 --> 00:19:18,720

do stuff i am so excited about new

420

00:19:22,070 --> 00:19:20,520

zealand looking forward to that in folks

421

00:19:24,410 --> 00:19:22,080

i'll certainly let you know more about

422

00:19:27,200 --> 00:19:24,420

that in the coming months well Susan

423

00:19:29,990 --> 00:19:27,210

lovely to catch up with you good work on

424

00:19:32,750 --> 00:19:30,000

that cupping therapy page and as we

425

00:19:36,560 --> 00:19:32,760

leave you there in California I'll just

426

00:19:39,770 --> 00:19:36,570

read out this page the page written by

427

00:19:41,490 --> 00:19:39,780

dr. bread Makai but for now Susan Kovac

428

00:19:50,550 --> 00:19:41,500

thank you very much

429

00:19:54,570 --> 00:19:50,560

thank you Richard why Team USA's use of

430

00:19:56,970 --> 00:19:54,580

cupping therapy really sucks by dr. Brad

431

00:20:02,460 --> 00:19:56,980

Makai published on the 9th of August

432

00:20:04,290 --> 00:20:02,470

2016 at news.com a you like old

433

00:20:06,690 --> 00:20:04,300

Australians I can get a bit carried away

434

00:20:09,120 --> 00:20:06,700

while cheering for the green and gold at

435

00:20:11,370 --> 00:20:09,130

the Olympics but lately it hasn't been

436

00:20:15,210 --> 00:20:11,380

the Aussie team causing me to yell at

437

00:20:18,090 --> 00:20:15,220

the TV instead it's been Team USA's use

438

00:20:21,210 --> 00:20:18,100

of cupping therapy that has me hot under

439

00:20:23,700 --> 00:20:21,220

the collar flouting their quote secret

440

00:20:26,250 --> 00:20:23,710

weapon and quote pull side and on the

441

00:20:29,850 --> 00:20:26,260

gym mats they've decorated themselves

442

00:20:32,160 --> 00:20:29,860

with circular bruises nothing more than

443

00:20:34,800 --> 00:20:32,170

giant hickeys they look like they've

444

00:20:37,110 --> 00:20:34,810

lost a fight with a vacuum cleaner these

445

00:20:41,130 --> 00:20:37,120

mysterious marks are the result of

446

00:20:43,380 --> 00:20:41,140

placing hot glass cups on bare skin the

447

00:20:46,440 --> 00:20:43,390

heat creates a vacuum which sucks up the

448

00:20:48,690 --> 00:20:46,450

underlying tissue supposedly mobilizing

449

00:20:51,900 --> 00:20:48,700

your blood and helping it to pump

450

00:20:53,580 --> 00:20:51,910

throughout your body cupping advocates

451
00:20:56,430 --> 00:20:53,590
will tell you that the practice draws

452
00:20:59,520 --> 00:20:56,440
toxins out of your skin and helps you to

453
00:21:02,010 --> 00:20:59,530
heal and relax after exercise if you're

454
00:21:05,580 --> 00:21:02,020
really adventurous you can explore quote

455
00:21:08,070 --> 00:21:05,590
wet in quote cupping which involves

456
00:21:11,400 --> 00:21:08,080
puncturing the skin before applying the

457
00:21:14,910 --> 00:21:11,410
cups and sucking out your quote bad

458
00:21:18,660 --> 00:21:14,920
blood end quote this traditional therapy

459
00:21:21,420 --> 00:21:18,670
is believed to date back to 3000 BC and

460
00:21:24,810 --> 00:21:21,430
is used in Islamic and Chinese

461
00:21:27,210 --> 00:21:24,820
traditional medicines put simply it is

462
00:21:29,880 --> 00:21:27,220
one of the most ridiculous alternative

463
00:21:32,100 --> 00:21:29,890

therapies about there there is no

464

00:21:34,890 --> 00:21:32,110

scientific evidence that cupping works

465

00:21:37,830 --> 00:21:34,900

for any of these things sucking your

466

00:21:40,140 --> 00:21:37,840

skin into a glass cup doesn't get rid of

467

00:21:42,570 --> 00:21:40,150

toxins or help you to heal more quickly

468

00:21:45,660 --> 00:21:42,580

it only sucks the sweat out of your

469

00:21:48,840 --> 00:21:45,670

pores in your skin and gives you a nasty

470

00:21:51,380 --> 00:21:48,850

round bruise same goes for wet cupping

471

00:21:54,870 --> 00:21:51,390

which just causes an impressive-looking

472

00:21:57,600 --> 00:21:54,880

scarf cupping is simply a fashionable

473

00:22:00,000 --> 00:21:57,610

pseudoscience and it can be extremely

474

00:22:02,970 --> 00:22:00,010

dangerous if not done correctly as a

475

00:22:05,100 --> 00:22:02,980

doctor I cringe whenever I see a patient

476

00:22:07,830 --> 00:22:05,110

with cupping marks from a medical

477

00:22:10,650 --> 00:22:07,840

perspective I only see unnecessary

478

00:22:12,810 --> 00:22:10,660

injuries the suction from cupping causes

479

00:22:15,210 --> 00:22:12,820

the capillaries in your skin to break

480

00:22:17,640 --> 00:22:15,220

and a bleed at best this causes a

481

00:22:20,310 --> 00:22:17,650

superficial bruise but at worst it can

482

00:22:23,520 --> 00:22:20,320

cause deep bruises abrasions skin

483

00:22:26,610 --> 00:22:23,530

infections blistering and the heat can

484

00:22:28,530 --> 00:22:26,620

even cause third-degree burns only this

485

00:22:31,260 --> 00:22:28,540

year one man in China was left with

486

00:22:33,660 --> 00:22:31,270

burnt holes in his back after ongoing

487

00:22:36,330 --> 00:22:33,670

treatment it won't improve the healing

488

00:22:38,640 --> 00:22:36,340

time for athletes and cupping actually

489

00:22:41,760 --> 00:22:38,650

has the potential of slowing them down

490

00:22:43,860 --> 00:22:41,770

from pain or tissue damage by showing

491

00:22:46,770 --> 00:22:43,870

off their useless bruises with pride

492

00:22:48,990 --> 00:22:46,780

Team USA II could be conducting an

493

00:22:51,420 --> 00:22:49,000

incredible psychological campaign to

494

00:22:53,730 --> 00:22:51,430

intimidate their fellow Olympians but

495

00:22:56,580 --> 00:22:53,740

they appear to be fiercely uneducated

496

00:23:00,570 --> 00:22:56,590

about the pseudo scientific nature of

497

00:23:04,290 --> 00:23:00,580

this ancient but unnecessary traditional

498

00:23:08,100 --> 00:23:04,300

therapy I only hope that keen fans won't

499

00:23:10,590 --> 00:23:08,110

follow their lead dr. Brad Makai is a GP

500

00:23:13,500 --> 00:23:10,600

and host of embarrassing bodies down

501
00:23:15,510 --> 00:23:13,510
under and as an aside he's also a

502
00:23:20,040 --> 00:23:15,520
committee member of the Australian

503
00:23:23,040 --> 00:23:20,050
skeptics find him at ww dr. brad mc coy

504
00:23:40,650 --> 00:23:23,050
calm day you will follow him on twitter

505
00:23:45,000 --> 00:23:43,510
you've argued against the same woo so

506
00:23:47,500 --> 00:23:45,010
many times you can do it in your sleep

507
00:23:49,630 --> 00:23:47,510
with trying to stop the nonsense one

508
00:23:52,420 --> 00:23:49,640
person at a time join guerrilla

509
00:23:54,220 --> 00:23:52,430
skepticism on Wikipedia help us make

510
00:23:56,590 --> 00:23:54,230
sure the best skeptical information is

511
00:23:59,830 --> 00:23:56,600
always at everyone's fingertips we need

512
00:24:02,200 --> 00:23:59,840
writers editors translators we need you

513
00:24:05,290 --> 00:24:02,210

and take as much or as little time as

514

00:24:07,419 --> 00:24:05,300

you can give us help us make Wikipedia

515

00:24:08,860 --> 00:24:07,429

as accurate as it can be and you'll

516

00:24:12,310 --> 00:24:08,870

literally be helping people while you

517

00:24:14,440 --> 00:24:12,320

sleep to join us or find out more send a

518

00:24:18,150 --> 00:24:14,450

facebook friend request to susan gurbin

519

00:24:34,360 --> 00:24:18,160

that's ger be IC guerrilla skepticism

520

00:24:37,630 --> 00:24:34,370

the time is now from me website of

521

00:24:41,980 --> 00:24:37,640

australian skeptics skeptics calm that I

522

00:24:43,510 --> 00:24:41,990

you hands us medal for ken harvey my

523

00:24:46,990 --> 00:24:43,520

team mendham written on the 9th of

524

00:24:48,970 --> 00:24:47,000

august 2016 the Australian and New

525

00:24:52,210 --> 00:24:48,980

Zealand Association for the Advancement

526

00:24:56,110 --> 00:24:52,220

of science has awarded dr. ken harvey

527

00:24:58,320 --> 00:24:56,120

the 2016 ANZUS metal the metal which is

528

00:25:00,940 --> 00:24:58,330

awarded annually for services for the

529

00:25:03,910 --> 00:25:00,950

Advancement of science or administration

530

00:25:06,160 --> 00:25:03,920

or organization of scientific activities

531

00:25:08,020 --> 00:25:06,170

or the teaching of science throughout

532

00:25:10,030 --> 00:25:08,030

Australia and New Zealand and in

533

00:25:12,750 --> 00:25:10,040

contributions to science which lie

534

00:25:15,250 --> 00:25:12,760

beyond normal professional activities

535

00:25:18,790 --> 00:25:15,260

previous winners of the metal includes

536

00:25:21,880 --> 00:25:18,800

cigars nozzle sir mark olifant and Harry

537

00:25:24,820 --> 00:25:21,890

missile dr. Harvey is one of Australia's

538

00:25:27,180 --> 00:25:24,830

leading campaigners against non science

539

00:25:29,380 --> 00:25:27,190

based medicines and a critic of

540

00:25:31,950 --> 00:25:29,390

pharmaceutical marketing he has been

541

00:25:35,740 --> 00:25:31,960

described by the age newspaper as an

542

00:25:39,970 --> 00:25:35,750

quote anti quackery Crusader in quote

543

00:25:42,370 --> 00:25:39,980

and by choice magazine as quote a serial

544

00:25:43,389 --> 00:25:42,380

complainer unquote the latter made him a

545

00:25:45,459 --> 00:25:43,399

life member

546

00:25:48,519 --> 00:25:45,469

services to the consumer movement in

547

00:25:51,009 --> 00:25:48,529

2012 Australian skeptics awarded him the

548

00:25:53,619 --> 00:25:51,019

Thor net award for the promotion of

549

00:25:57,820 --> 00:25:53,629

Reason in 2011 and made him a life

550

00:26:00,310 --> 00:25:57,830

member in 2013 among the wide range of

551
00:26:02,229 --> 00:26:00,320
his campaign activities he is

552
00:26:05,229 --> 00:26:02,239
particularly well known in skeptical

553
00:26:08,440 --> 00:26:05,239
circles for his fight against the sensor

554
00:26:11,859 --> 00:26:08,450
slim diet product where the company took

555
00:26:14,019 --> 00:26:11,869
him to court in a slap suit Australian

556
00:26:17,349 --> 00:26:14,029
skeptics organised a public fundraising

557
00:26:20,289 --> 00:26:17,359
exercise to cover his legal expenses he

558
00:26:22,930 --> 00:26:20,299
won the case dr. Harvey was a member of

559
00:26:26,829 --> 00:26:22,940
the expert group that drafted the World

560
00:26:30,310 --> 00:26:26,839
Health Organization ethical criteria for

561
00:26:32,109 --> 00:26:30,320
medical drug promotion and also the

562
00:26:35,769 --> 00:26:32,119
Commonwealth pharmaceutical health and

563
00:26:38,229 --> 00:26:35,779

rational use of medicines pH a RM

564

00:26:42,669 --> 00:26:38,239

committee that formulated the quality of

565

00:26:46,089 --> 00:26:42,679

use medicines q um pillar of australian

566

00:26:48,149 --> 00:26:46,099

medicines policy he has recently served

567

00:26:51,639 --> 00:26:48,159

on the Therapeutic Goods Administration

568

00:26:53,529 --> 00:26:51,649

TGA transparency review panel the

569

00:26:56,229 --> 00:26:53,539

working group on promotion of

570

00:26:58,539 --> 00:26:56,239

therapeutic products medicines Australia

571

00:27:00,879 --> 00:26:58,549

code review panel and the Australian

572

00:27:03,729 --> 00:27:00,889

Government's natural therapy review

573

00:27:05,440 --> 00:27:03,739

Advisory Committee he will receive his

574

00:27:08,079 --> 00:27:05,450

medal at a ceremony in Melbourne on

575

00:27:10,389 --> 00:27:08,089

august seventeenth it is given this year

576

00:27:12,789 --> 00:27:10,399

as part of National Science Week and

577

00:27:15,279 --> 00:27:12,799

it's nice to know that our dear friend

578

00:27:17,739 --> 00:27:15,289

Lynn Kelly has made a comment on the

579

00:27:20,379 --> 00:27:17,749

webpage congratulations to Ken on a

580

00:27:22,149 --> 00:27:20,389

well-deserved award and thank you to the

581

00:27:25,139 --> 00:27:22,159

skeptics for keeping us so well informed

582

00:27:28,269 --> 00:27:25,149

on these issues much appreciated and

583

00:27:31,299 --> 00:27:28,279

indeed congratulations to dr. ken harvey

584

00:27:45,160 --> 00:27:31,309

a tireless campaigner for science and

585

00:27:49,910 --> 00:27:47,690

quick watch your guide to quackery

586

00:27:53,299 --> 00:27:49,920

health fraud and intelligent decisions

587

00:27:55,310 --> 00:27:53,309

operated by stephen barrett md quack

588

00:27:56,930 --> 00:27:55,320

watch is now an international network of

589

00:27:59,180 --> 00:27:56,940

people who concerned about

590

00:28:01,670 --> 00:27:59,190

health-related frauds myths fans

591

00:28:04,520 --> 00:28:01,680

fallacies and misconduct its primary

592

00:28:07,010 --> 00:28:04,530

focus is on quackery related information

593

00:28:09,799 --> 00:28:07,020

that is difficult or impossible to get

594

00:28:13,220 --> 00:28:09,809

elsewhere articles on quackery include

595

00:28:17,210 --> 00:28:13,230

quackery how should it be defined how it

596

00:28:20,030 --> 00:28:17,220

sells 26 ways to spot it how it harms

597

00:28:22,520 --> 00:28:20,040

cancer patients 7 warning signs for

598

00:28:25,510 --> 00:28:22,530

bogus science why health professionals

599

00:28:27,440 --> 00:28:25,520

become quacks and many more including

600

00:28:31,130 --> 00:28:27,450

in-depth looks at acupuncture

601
00:28:53,950 --> 00:28:31,140
chiropractic homeopathy naturopathy and

602
00:29:09,470 --> 00:28:58,550
interesting claims questioning take

603
00:29:11,540 --> 00:29:09,480
stock with shelly stockin hi this is

604
00:29:15,440 --> 00:29:11,550
Shelly stockin and today i'm talking

605
00:29:17,360 --> 00:29:15,450
about demons in a recent self-guided

606
00:29:19,640 --> 00:29:17,370
tour of the internet i came across a

607
00:29:22,390 --> 00:29:19,650
page entitled how to differentiate

608
00:29:25,280 --> 00:29:22,400
demonic possession from schizophrenia

609
00:29:28,670 --> 00:29:25,290
this will be fun I thought lots of head

610
00:29:30,710 --> 00:29:28,680
spinning and spewing on bystanders but

611
00:29:33,410 --> 00:29:30,720
as I read on I realized it wasn't much

612
00:29:35,480 --> 00:29:33,420
fun at all this page was a serious guide

613
00:29:37,220 --> 00:29:35,490

for interpreting the unusual behavior of

614

00:29:40,190 --> 00:29:37,230

a loved one and making a spiritual

615

00:29:42,440 --> 00:29:40,200

diagnosis I was stunned to learn that in

616

00:29:43,910 --> 00:29:42,450

some religious circles demonic

617

00:29:45,680 --> 00:29:43,920

possession is still considered a

618

00:29:48,560 --> 00:29:45,690

reasonable explanation for mental

619

00:29:50,810 --> 00:29:48,570

illness the page i found was basically a

620

00:29:52,820 --> 00:29:50,820

summary of a chapter in a book called

621

00:29:55,430 --> 00:29:52,830

strength for his people by Stephen

622

00:29:57,950 --> 00:29:55,440

Waterhouse the pastor at westcliff Bible

623

00:30:00,230 --> 00:29:57,960

Church in Texas the church's website

624

00:30:02,180 --> 00:30:00,240

describes the book as a biblical

625

00:30:05,690 --> 00:30:02,190

perspective on mental illnesses and

626
00:30:07,730 --> 00:30:05,700
other family problems Stephen Waterhouse

627
00:30:09,950 --> 00:30:07,740
has a doctor of ministry from Dallas

628
00:30:11,750 --> 00:30:09,960
Theological Seminary and a master of

629
00:30:14,060 --> 00:30:11,760
theology in Hebrew and Greek from

630
00:30:16,400 --> 00:30:14,070
capitol seminary near Washington DC as

631
00:30:18,110 --> 00:30:16,410
well as undergraduate degrees in social

632
00:30:20,900 --> 00:30:18,120
sciences from spring arbor university

633
00:30:23,780 --> 00:30:20,910
and cornerstone university in Grand

634
00:30:26,030 --> 00:30:23,790
Rapids Michigan so he seems adequately

635
00:30:28,790 --> 00:30:26,040
qualified to be a church pastor and a

636
00:30:30,440 --> 00:30:28,800
social scientist his interest in mental

637
00:30:32,720 --> 00:30:30,450
health stems largely from his experience

638
00:30:36,050 --> 00:30:32,730

with his brother who was diagnosed with

639

00:30:37,670 --> 00:30:36,060

schizophrenia in his teens I'm certain

640

00:30:40,010 --> 00:30:37,680

that Waterhouse's intentions are good

641

00:30:41,990 --> 00:30:40,020

and he only wants to help people to

642

00:30:43,640 --> 00:30:42,000

reconcile their belief in supernatural

643

00:30:47,120 --> 00:30:43,650

beings and the hardship of mental

644

00:30:49,310 --> 00:30:47,130

illness he has first-hand experience of

645

00:30:51,740 --> 00:30:49,320

living with and caring for a seriously

646

00:30:52,580 --> 00:30:51,750

ill person and wants to provide support

647

00:30:55,700 --> 00:30:52,590

for others

648

00:30:58,010 --> 00:30:55,710

through the same experience but if as

649

00:31:00,590 --> 00:30:58,020

they say the road to hell is paved with

650

00:31:03,710 --> 00:31:00,600

good intentions this guy is headed south

651
00:31:05,779 --> 00:31:03,720
word I have no doubt religion provides

652
00:31:08,480 --> 00:31:05,789
many troubled people and their families

653
00:31:12,140 --> 00:31:08,490
with great comfort but it has no place

654
00:31:13,970 --> 00:31:12,150
in diagnosing mental illness so let's

655
00:31:16,100 --> 00:31:13,980
take a look at what waterhouse has to

656
00:31:20,180 --> 00:31:16,110
say about how to differentiate between

657
00:31:22,039 --> 00:31:20,190
schizophrenia and demonic possession he

658
00:31:26,419 --> 00:31:22,049
conveniently breaks the distinction into

659
00:31:30,710 --> 00:31:26,429
six factors factor one attraction two

660
00:31:33,110 --> 00:31:30,720
versus aversion to religion according to

661
00:31:35,360 --> 00:31:33,120
Waterhouse possessed people can't stand

662
00:31:37,399 --> 00:31:35,370
talking about Christ but mentally ill

663
00:31:40,639 --> 00:31:37,409

people are fine with it in many cases

664

00:31:42,529 --> 00:31:40,649

even enthusiastically devout if the

665

00:31:44,810 --> 00:31:42,539

affected person is comfortable when the

666

00:31:47,240 --> 00:31:44,820

discussion turns to Jesus doesn't object

667

00:31:49,909 --> 00:31:47,250

to an exorcism or shows a keen interest

668

00:31:52,870 --> 00:31:49,919

in religion then demonic possession is

669

00:31:55,610 --> 00:31:52,880

to be ruled out earlier in the chapter

670

00:31:57,730 --> 00:31:55,620

the author describes the behavior of his

671

00:32:01,039 --> 00:31:57,740

brother during a schizophrenic episode

672

00:32:02,930 --> 00:32:01,049

he says I saw my brother ripping up a

673

00:32:06,019 --> 00:32:02,940

Bible and smashing Christian wall

674

00:32:07,490 --> 00:32:06,029

decorations this seems to contradict his

675

00:32:11,480 --> 00:32:07,500

assertion that people with schizophrenia

676
00:32:14,029 --> 00:32:11,490
are friendly to Jesus but that's not the

677
00:32:15,889 --> 00:32:14,039
only problem with this point it fails to

678
00:32:17,720 --> 00:32:15,899
take into account the person's religious

679
00:32:21,230 --> 00:32:17,730
leanings before they started showing

680
00:32:22,850 --> 00:32:21,240
symptoms to people who have no religion

681
00:32:25,070 --> 00:32:22,860
suddenly become religious when they

682
00:32:26,960 --> 00:32:25,080
become mentally ill or suddenly become

683
00:32:29,840 --> 00:32:26,970
hostile towards religious figures when

684
00:32:31,940 --> 00:32:29,850
possessed is it the same pattern for

685
00:32:34,070 --> 00:32:31,950
people of different religions what sort

686
00:32:36,680 --> 00:32:34,080
of demons possess a Buddhist and atheist

687
00:32:38,960 --> 00:32:36,690
or a Muslim is religious belief

688
00:32:42,289 --> 00:32:38,970

correlated with mental illness so many

689

00:32:44,570 --> 00:32:42,299

questions the second factor of

690

00:32:48,139 --> 00:32:44,580

Waterhouse's analysis is irrational

691

00:32:51,710 --> 00:32:48,149

speech versus rational speech waterhouse

692

00:32:53,870 --> 00:32:51,720

says in New Testament accounts involving

693

00:32:56,180 --> 00:32:53,880

demons the demons spoke in a rational

694

00:32:57,830 --> 00:32:56,190

manner untreated people with

695

00:32:59,659 --> 00:32:57,840

schizophrenia will often speak in

696

00:33:03,770 --> 00:32:59,669

nonsense and jump rapidly between

697

00:33:05,930 --> 00:33:03,780

unrelated topics he says that in cases

698

00:33:06,259 --> 00:33:05,940

where the affected person makes sense we

699

00:33:09,589 --> 00:33:06,269

should

700

00:33:12,589 --> 00:33:09,599

towards demonic involvement this seems

701
00:33:14,749 --> 00:33:12,599
ridiculously simplistic if the words

702
00:33:17,269 --> 00:33:14,759
don't make sense the patient is sick if

703
00:33:20,239 --> 00:33:17,279
they do make sense the patient is

704
00:33:23,209 --> 00:33:20,249
possessed and what text is the author

705
00:33:26,029 --> 00:33:23,219
refer to for his diagnostic standard the

706
00:33:27,829 --> 00:33:26,039
New Testament of the Bible I don't know

707
00:33:30,049 --> 00:33:27,839
much about psychiatry but I'm pretty

708
00:33:33,139 --> 00:33:30,059
sure the Bible has been superseded as a

709
00:33:35,899 --> 00:33:33,149
diagnostic tool moving on to the third

710
00:33:38,829 --> 00:33:35,909
factor of differentiation ordinary

711
00:33:41,180 --> 00:33:38,839
learning versus supernatural knowledge

712
00:33:43,729 --> 00:33:41,190
when you're a demon taking up residence

713
00:33:45,560 --> 00:33:43,739

in a terrestrial host you have the

714

00:33:49,009 --> 00:33:45,570

ability to communicate through the body

715

00:33:50,959 --> 00:33:49,019

you've possessed as a result possessed

716

00:33:52,969 --> 00:33:50,969

people may be able to express knowledge

717

00:33:57,499 --> 00:33:52,979

and display abilities of which they have

718

00:33:59,209 --> 00:33:57,509

no prior learning waterhouse says those

719

00:34:01,190 --> 00:33:59,219

were the mental illness have no such

720

00:34:04,609 --> 00:34:01,200

ability to know facts they have not

721

00:34:06,199 --> 00:34:04,619

acquired by normal means of learning the

722

00:34:09,470 --> 00:34:06,209

examples provided in the book are

723

00:34:11,659 --> 00:34:09,480

clairvoyance and zeno glossy or the

724

00:34:14,599 --> 00:34:11,669

ability to speak in a language not known

725

00:34:16,159 --> 00:34:14,609

by the speaker the author doesn't

726

00:34:18,440 --> 00:34:16,169

provide any references for these

727

00:34:20,889 --> 00:34:18,450

examples so we are left to rely on his

728

00:34:23,210 --> 00:34:20,899

assurance that they actually happen

729

00:34:25,909 --> 00:34:23,220

factor number four in this guide to

730

00:34:29,210 --> 00:34:25,919

mental illness or possession is normal

731

00:34:32,029 --> 00:34:29,220

versus occultic phenomena waterhouse

732

00:34:35,720 --> 00:34:32,039

says there is an aspect to demon

733

00:34:39,039 --> 00:34:35,730

activity that is just plain spooky no

734

00:34:42,490 --> 00:34:39,049

argument from me there he goes on to say

735

00:34:46,190 --> 00:34:42,500

if there are occurrences of poltergeists

736

00:34:48,200 --> 00:34:46,200

levitations trances telepathy and these

737

00:34:50,809 --> 00:34:48,210

cannot be ruled out as being optical

738

00:34:52,519 --> 00:34:50,819

illusions or fraudulent displays then

739

00:34:55,700 --> 00:34:52,529

one is not dealing with ordinary

740

00:34:57,349 --> 00:34:55,710

schizophrenia in a tidy example of

741

00:34:59,299 --> 00:34:57,359

circular reasoning this factor

742

00:35:01,460 --> 00:34:59,309

essentially says that if there are

743

00:35:03,829 --> 00:35:01,470

paranormal phenomena present then

744

00:35:05,720 --> 00:35:03,839

something paranormal is going on this

745

00:35:08,120 --> 00:35:05,730

factor relies on the presumption of

746

00:35:11,089 --> 00:35:08,130

demonic possession as a possible

747

00:35:13,370 --> 00:35:11,099

diagnosis at least he suggests that

748

00:35:16,190 --> 00:35:13,380

apparently paranormal phenomena could be

749

00:35:17,900 --> 00:35:16,200

optical illusions or fraud but he stops

750

00:35:20,030 --> 00:35:17,910

short of applying the same level of

751
00:35:22,070 --> 00:35:20,040
skepticism to the idea of demonic

752
00:35:24,620 --> 00:35:22,080
position itself point five in water

753
00:35:26,450 --> 00:35:24,630
houses analysis is the claim to be

754
00:35:30,530 --> 00:35:26,460
possessed and this one makes a little

755
00:35:32,480 --> 00:35:30,540
sense he says authors who have clinical

756
00:35:34,730 --> 00:35:32,490
experience both with demon possession

757
00:35:36,920 --> 00:35:34,740
and mental illness believe those who

758
00:35:41,390 --> 00:35:36,930
claim to be possessed are very likely

759
00:35:42,770 --> 00:35:41,400
not possessed I completely agree that

760
00:35:44,810 --> 00:35:42,780
people who claim to be possessed

761
00:35:47,650 --> 00:35:44,820
probably aren't but that's only because

762
00:35:50,570 --> 00:35:47,660
I don't think demonic possession is real

763
00:35:52,220 --> 00:35:50,580

Waterhouse's reasoning is different he

764

00:35:54,410 --> 00:35:52,230

claims that demons are secretive

765

00:35:58,220 --> 00:35:54,420

critters and don't like to brag about

766

00:36:00,260 --> 00:35:58,230

taking over someone's body so if someone

767

00:36:02,840 --> 00:36:00,270

is truly possessed they're unlikely to

768

00:36:04,580 --> 00:36:02,850

admit it which leaves it up to observers

769

00:36:05,990 --> 00:36:04,590

to judge whether or not demonic

770

00:36:09,620 --> 00:36:06,000

possession is the cause of their

771

00:36:11,630 --> 00:36:09,630

behavior and surely only observers who

772

00:36:13,940 --> 00:36:11,640

already consider demonic possession a

773

00:36:16,910 --> 00:36:13,950

possibility are likely to decide that

774

00:36:18,590 --> 00:36:16,920

someone is possessed how this

775

00:36:21,680 --> 00:36:18,600

distinction is helpful to people with

776

00:36:23,450 --> 00:36:21,690

mental illness escapes me completely the

777

00:36:25,760 --> 00:36:23,460

final factor of distinction between

778

00:36:30,110 --> 00:36:25,770

mental illness and demonic possession is

779

00:36:33,350 --> 00:36:30,120

the effect of therapy it states if

780

00:36:36,530 --> 00:36:33,360

prayer solves the problem then it was

781

00:36:38,840 --> 00:36:36,540

probably not schizophrenia if medicine

782

00:36:42,470 --> 00:36:38,850

helps alleviate the problem it was not

783

00:36:45,230 --> 00:36:42,480

demon possession again I completely

784

00:36:47,570 --> 00:36:45,240

agree with these statements I agree that

785

00:36:49,940 --> 00:36:47,580

if prayer solves a problem then that

786

00:36:52,370 --> 00:36:49,950

problem was not schizophrenia it

787

00:36:56,060 --> 00:36:52,380

probably wasn't a broken leg cystitis or

788

00:36:57,920 --> 00:36:56,070

world poverty either in fact prayer has

789

00:37:00,980 --> 00:36:57,930

a pretty poor record for fixing things

790

00:37:02,840 --> 00:37:00,990

statistically speaking relying on the

791

00:37:04,730 --> 00:37:02,850

effects of prayer to alleviate someone's

792

00:37:07,670 --> 00:37:04,740

real and immediate suffering is pretty

793

00:37:10,880 --> 00:37:07,680

irresponsible if praying is your thing

794

00:37:14,930 --> 00:37:10,890

knock yourself out but maybe also seek a

795

00:37:17,060 --> 00:37:14,940

professional advice I also agree that if

796

00:37:19,970 --> 00:37:17,070

medicine helps alleviate the problem it

797

00:37:21,500 --> 00:37:19,980

was not demon possession in fact you

798

00:37:24,140 --> 00:37:21,510

could take medicine out of the equation

799

00:37:26,320 --> 00:37:24,150

altogether and I'd still be satisfied

800

00:37:28,580 --> 00:37:26,330

that demons were never involved

801
00:37:30,860 --> 00:37:28,590
including the possibility of demonic

802
00:37:33,350 --> 00:37:30,870
possession in any assessment of mental

803
00:37:36,380 --> 00:37:33,360
illness does nobody any good

804
00:37:39,320 --> 00:37:36,390
if possession is assumed effective

805
00:37:41,570 --> 00:37:39,330
treatment can be delayed in extreme

806
00:37:44,660 --> 00:37:41,580
cases this could mean a rapid escalation

807
00:37:46,400 --> 00:37:44,670
if the condition is left unchecked which

808
00:37:49,100 --> 00:37:46,410
can be dangerous for the sufferer and

809
00:37:51,260 --> 00:37:49,110
for the people around them a diagnosis

810
00:37:54,460 --> 00:37:51,270
of demonic possession could in fact be

811
00:37:56,500 --> 00:37:54,470
the trigger for worsening symptoms

812
00:37:59,270 --> 00:37:56,510
imagine being in a state of distress

813
00:38:01,490 --> 00:37:59,280

confusion or fear because of a mental

814

00:38:03,290 --> 00:38:01,500

illness only to be told that your

815

00:38:06,050 --> 00:38:03,300

condition is the result of an evil

816

00:38:08,840 --> 00:38:06,060

spiritual parasite that's hardly going

817

00:38:11,060 --> 00:38:08,850

to improve your mood and when an

818

00:38:13,750 --> 00:38:11,070

exorcism in verve of belief fails to

819

00:38:16,480 --> 00:38:13,760

rid you of your inner turmoil what then

820

00:38:18,980 --> 00:38:16,490

finding out you're possessed is bad

821

00:38:21,260 --> 00:38:18,990

discovering relief is impossible can

822

00:38:24,020 --> 00:38:21,270

only increase distress confusion and

823

00:38:26,990 --> 00:38:24,030

fear why do demons even need to come

824

00:38:28,460 --> 00:38:27,000

into it believers seem to be able to

825

00:38:32,180 --> 00:38:28,470

explain other bad things without

826

00:38:34,760 --> 00:38:32,190

resorting to evil spirits some hardships

827

00:38:37,880 --> 00:38:34,770

are even attributed to God himself if

828

00:38:40,100 --> 00:38:37,890

fire flood famine and flesh-eating

829

00:38:42,740 --> 00:38:40,110

viruses can be part of God's plan why

830

00:38:45,620 --> 00:38:42,750

not mental illness why is that left to

831

00:38:47,720 --> 00:38:45,630

demons sky daddy seems comfortable

832

00:38:50,270 --> 00:38:47,730

inflicting boils and blindness and

833

00:38:52,990 --> 00:38:50,280

botulism but outsources brain work to

834

00:38:55,940 --> 00:38:53,000

Beelzebub's it doesn't make sense I

835

00:38:59,780 --> 00:38:55,950

don't see why modern psychiatry can't

836

00:39:01,640 --> 00:38:59,790

exist within a religious framework it's

837

00:39:04,610 --> 00:39:01,650

a long time since I believed in God and

838

00:39:06,800 --> 00:39:04,620

Jesus but even in my happiest clappy

839

00:39:08,900 --> 00:39:06,810

asst christian days i still thought

840

00:39:10,820 --> 00:39:08,910

humans ability to think and learn and

841

00:39:14,240 --> 00:39:10,830

analyze our world was part of the big

842

00:39:16,160 --> 00:39:14,250

guys long-term plan the idea that some

843

00:39:18,200 --> 00:39:16,170

of us could study humans closely enough

844

00:39:21,470 --> 00:39:18,210

to diagnose and treat mental illness and

845

00:39:23,780 --> 00:39:21,480

make life better in a scientific way fit

846

00:39:25,620 --> 00:39:23,790

easily into my understanding of what God

847

00:39:27,870 --> 00:39:25,630

wanted us to do

848

00:39:30,180 --> 00:39:27,880

but the idea that some mental illness

849

00:39:33,059 --> 00:39:30,190

might still be thrown into the possessed

850

00:39:44,339 --> 00:39:33,069

by a demon basket makes me shake my head

851
00:39:46,740 --> 00:39:44,349
in disbelief greetings listeners it's me

852
00:39:49,109 --> 00:39:46,750
captain disillusion on my youtube

853
00:39:51,690 --> 00:39:49,119
channel called captain disillusion aye

854
00:39:53,789 --> 00:39:51,700
captain disillusion analyzed viral

855
00:39:56,099 --> 00:39:53,799
videos of the strange and unbelievable I

856
00:39:58,740 --> 00:39:56,109
explain how interframe video compression

857
00:40:00,900 --> 00:39:58,750
3d motion tracking and stock the effects

858
00:40:02,999 --> 00:40:00,910
elements prove that Justin Bieber is not

859
00:40:04,710 --> 00:40:03,009
a secret reptilian alien that those

860
00:40:06,900 --> 00:40:04,720
videos of ghost cars are just

861
00:40:08,700 --> 00:40:06,910
unintentional optical illusions and that

862
00:40:10,289 --> 00:40:08,710
lightning did not strike a few feet away

863
00:40:13,170 --> 00:40:10,299

from a girl on a beach as we saw on the

864

00:40:15,599 --> 00:40:13,180

news I'm real fun at parties my best

865

00:40:17,609 --> 00:40:15,609

friend is a lens flare Eden dimmer

866

00:40:19,559 --> 00:40:17,619

switch disillusion I do know other

867

00:40:22,170 --> 00:40:19,569

people sometimes they even show up in my

868

00:40:24,120 --> 00:40:22,180

videos people like skepticism is grandpa

869

00:40:27,029 --> 00:40:24,130

james randi sirve de Soleil Acrobat

870

00:40:29,160 --> 00:40:27,039

Erica Lynn's weight loss enthusiast Penn

871

00:40:31,289 --> 00:40:29,170

Jillette and the actual Beekman from

872

00:40:33,329 --> 00:40:31,299

Beakman's world I hope you'll check out

873

00:40:35,490 --> 00:40:33,339

my adventures interact with me in a

874

00:40:38,279 --> 00:40:35,500

platonic way and even consider becoming

875

00:40:40,859 --> 00:40:38,289

a patron of my work you can do all that

876

00:40:51,270 --> 00:40:40,869

and more on youtube or at captain

877

00:41:05,020 --> 00:40:55,270

it's the raw skeptic report with Heidi

878

00:41:13,859 --> 00:41:05,030

Robertson this is Heidi Robertson coming

879

00:41:17,260 --> 00:41:13,869

to you live from Brisbane skeptical and

880

00:41:20,109 --> 00:41:17,270

we have had many very interesting talks

881

00:41:21,970 --> 00:41:20,119

today it's been lots of fun and I

882

00:41:24,609 --> 00:41:21,980

thought I'd take the opportunity to just

883

00:41:28,300 --> 00:41:24,619

see what kind of people we've got today

884

00:41:30,220 --> 00:41:28,310

in the audience and who have we got here

885

00:41:33,390 --> 00:41:30,230

what is your name and why do you call

886

00:41:35,859 --> 00:41:33,400

yourself a skeptic my name is Alex I

887

00:41:38,710 --> 00:41:35,869

suppose I call myself a skeptic because

888

00:41:40,480 --> 00:41:38,720

I like to form myself using the

889

00:41:41,890 --> 00:41:40,490

scientific method and trying to inform

890

00:41:44,680 --> 00:41:41,900

myself as much as possible about as many

891

00:41:47,020 --> 00:41:44,690

things as possible and have you had a

892

00:41:48,609 --> 00:41:47,030

talk today that has particularly

893

00:41:51,430 --> 00:41:48,619

interested you or that you've

894

00:41:52,870 --> 00:41:51,440

particularly enjoyed well I'm a psych

895

00:41:54,370 --> 00:41:52,880

student so I really enjoyed the

896

00:41:57,280 --> 00:41:54,380

dunning-kruger effect that we just had

897

00:42:00,190 --> 00:41:57,290

yeah that was a great talk and who else

898

00:42:01,720 --> 00:42:00,200

have we got over here what's your name

899

00:42:04,809 --> 00:42:01,730

and why do you call yourself a skeptic

900

00:42:07,569 --> 00:42:04,819

g'day my name's Nick I consider I got

901
00:42:10,500 --> 00:42:07,579
into skepticism out of my rejection of

902
00:42:15,160 --> 00:42:10,510
religion in just after I left school and

903
00:42:19,510 --> 00:42:15,170
sort of looking at my the things that I

904
00:42:22,540 --> 00:42:19,520
believed in a rational sense and can do

905
00:42:24,400 --> 00:42:22,550
it that way so yeah and the the talk

906
00:42:29,200 --> 00:42:24,410
today that I enjoyed the most was the

907
00:42:31,510 --> 00:42:29,210
first one I think was it Ken yes that

908
00:42:34,809 --> 00:42:31,520
was that was fantastic the way the work

909
00:42:36,730 --> 00:42:34,819
that he's doing with decreasing the Wu

910
00:42:39,760 --> 00:42:36,740
and the medical profession that's great

911
00:42:41,859 --> 00:42:39,770
yes thank you to Ken MacLeod for that

912
00:42:44,440 --> 00:42:41,869
and the great work that stopped the

913
00:42:46,120 --> 00:42:44,450

avian has been doing hello what's your

914

00:42:49,030 --> 00:42:46,130

name and why do you call yourself a

915

00:42:51,460 --> 00:42:49,040

skeptic hi I'm Kath I call myself a

916

00:42:54,069 --> 00:42:51,470

skeptic because i enjoy understanding

917

00:42:55,839 --> 00:42:54,079

things and um i like the scientific

918

00:42:59,140 --> 00:42:55,849

method as a way of understanding the

919

00:43:03,220 --> 00:42:59,150

world and you gave is a very interesting

920

00:43:03,400 --> 00:43:03,230

talk today as well what was he just give

921

00:43:04,630 --> 00:43:03,410

us

922

00:43:07,990 --> 00:43:04,640

the bare bones of what you talked about

923

00:43:10,930 --> 00:43:08,000

today I talked today about my personal

924

00:43:15,490 --> 00:43:10,940

experience with muscle testing or

925

00:43:18,520 --> 00:43:15,500

applied kinesiology and the sunk cost

926

00:43:20,829 --> 00:43:18,530

fallacy what do you mean by the sunk

927

00:43:23,319 --> 00:43:20,839

cost fallacy when you spend a lot of

928

00:43:24,970 --> 00:43:23,329

time and effort and money usually in

929

00:43:26,980 --> 00:43:24,980

something that it makes it harder and

930

00:43:30,339 --> 00:43:26,990

harder to give up no matter how silly it

931

00:43:32,770 --> 00:43:30,349

starts to become and apart from your own

932

00:43:35,620 --> 00:43:32,780

talk what's been your favorite one today

933

00:43:38,170 --> 00:43:35,630

I've enjoyed them all I really enjoyed

934

00:43:41,109 --> 00:43:38,180

the lady this morning who is the

935

00:43:43,210 --> 00:43:41,119

dietitian yes that was Mandy Noble and I

936

00:43:45,760 --> 00:43:43,220

have had the pleasure of doing an

937

00:43:51,160 --> 00:43:45,770

interview with her as well okay who else

938

00:43:53,980 --> 00:43:51,170

have we got mr. David bolts and why do

939

00:43:56,730 --> 00:43:53,990

you call yourself a skeptic um I suppose

940

00:43:59,819 --> 00:43:56,740

it goes back a long while idea i

941

00:44:04,839 --> 00:43:59,829

originally thought myself was a skeptic

942

00:44:08,260 --> 00:44:04,849

but until i moved to australia in 2007 I

943

00:44:10,569 --> 00:44:08,270

was actually a truther and believed in

944

00:44:13,750 --> 00:44:10,579

the Bilderberg Group a new world or new

945

00:44:16,690 --> 00:44:13,760

world order and all those and i think i

946

00:44:20,079 --> 00:44:16,700

was skeptical of government and things

947

00:44:22,049 --> 00:44:20,089

like that but i realized having listened

948

00:44:25,210 --> 00:44:22,059

to dr. carl and then the skeptic zone

949

00:44:29,349 --> 00:44:25,220

thank you very much that my thought

950

00:44:32,230 --> 00:44:29,359

process wasn't right and I will learn to

951
00:44:34,000 --> 00:44:32,240
think skeptically and it opened a whole

952
00:44:36,900 --> 00:44:34,010
new world for me and it's been a

953
00:44:40,089 --> 00:44:36,910
revelation I've absolutely found

954
00:44:42,579 --> 00:44:40,099
wonderful and to come to that way of

955
00:44:44,289 --> 00:44:42,589
thinking eventually it has been been

956
00:44:48,400 --> 00:44:44,299
great for me it's opened up my eyes and

957
00:44:50,319 --> 00:44:48,410
and that's why I say to people you know

958
00:44:53,170 --> 00:44:50,329
I am a skeptic and I will learn the hard

959
00:44:55,299 --> 00:44:53,180
way and so I'm proud to say that

960
00:44:57,010 --> 00:44:55,309
actually rather than you know believing

961
00:45:00,069 --> 00:44:57,020
in all the rubbish that's out there so

962
00:45:02,710 --> 00:45:00,079
yeah that's why very good and do you

963
00:45:05,250 --> 00:45:02,720

think your son ross who's sitting right

964

00:45:09,400 --> 00:45:05,260

next to you had anything to do with that

965

00:45:11,500 --> 00:45:09,410

change in your thinking uh no i don't

966

00:45:14,260 --> 00:45:11,510

think it is I think I came to skepticism

967

00:45:16,110 --> 00:45:14,270

actually introduced Ross to skepticism

968

00:45:20,670 --> 00:45:16,120

more than the other way around

969

00:45:23,280 --> 00:45:20,680

it was oh I'm not my education stopped

970

00:45:25,800 --> 00:45:23,290

at school that was it but obviously

971

00:45:27,870 --> 00:45:25,810

ross's going to university and and done

972

00:45:29,910 --> 00:45:27,880

well but I think I I said oh you should

973

00:45:32,160 --> 00:45:29,920

listen to this podcast it's great you

974

00:45:35,100 --> 00:45:32,170

learn so much and from there we've both

975

00:45:38,850 --> 00:45:35,110

sort of got into it together so I'm up

976
00:45:40,530 --> 00:45:38,860
absolutely glad today introduces David

977
00:45:44,640 --> 00:45:40,540
bolt rather than roses dad because I've

978
00:45:47,430 --> 00:45:44,650
always lost his dad so yes I add my own

979
00:45:50,580 --> 00:45:47,440
identity yeah well Ross is a bit of a

980
00:45:52,110 --> 00:45:50,590
celebrity in his own right Ross has well

981
00:45:55,110 --> 00:45:52,120
here we go Ross you've got your own

982
00:45:57,180 --> 00:45:55,120
podcast tell us about that yeah well I i

983
00:45:58,200 --> 00:45:57,190
used to i guess i haven't done episodes

984
00:45:59,910 --> 00:45:58,210
for a while but i was doing the

985
00:46:02,310 --> 00:45:59,920
skeptically challenge podcast for a long

986
00:46:04,800 --> 00:46:02,320
time which basically was just a look at

987
00:46:06,780 --> 00:46:04,810
the the local news and from a skeptical

988
00:46:08,550 --> 00:46:06,790

been and yeah it's interesting actually

989

00:46:10,620 --> 00:46:08,560

because I've always sort of been a bit

990

00:46:13,260 --> 00:46:10,630

skeptical like I remember as a kid

991

00:46:14,490 --> 00:46:13,270

hearing about the arc story you know and

992

00:46:15,960 --> 00:46:14,500

thinking there's no way all those

993

00:46:17,580 --> 00:46:15,970

animals fit in that arc that's

994

00:46:19,470 --> 00:46:17,590

ridiculous i think i was about five at

995

00:46:21,090 --> 00:46:19,480

the time because you can talk about that

996

00:46:23,790 --> 00:46:21,100

stuff in english schools religions sort

997

00:46:25,830 --> 00:46:23,800

of okay but then i remember yeah dad had

998

00:46:27,930 --> 00:46:25,840

been listening to dr. carl and i think

999

00:46:30,120 --> 00:46:27,940

it was maybe even the skeptic podcast

1000

00:46:32,010 --> 00:46:30,130

and he said I rush gotta listen to the

1001

00:46:35,070 --> 00:46:32,020

scaphoid podcast I think you'll really

1002

00:46:36,780 --> 00:46:35,080

like it and I just remember listening to

1003

00:46:39,240 --> 00:46:36,790

this kind of skeptical analysis for the

1004

00:46:41,070 --> 00:46:39,250

first time and thinking wow this is

1005

00:46:43,350 --> 00:46:41,080

really cool like this is how I sort of

1006

00:46:45,180 --> 00:46:43,360

would like to think about things could

1007

00:46:46,590 --> 00:46:45,190

you you've found your people yeah

1008

00:46:48,060 --> 00:46:46,600

exactly because you know when you're

1009

00:46:51,780 --> 00:46:48,070

when you're young you don't always have

1010

00:46:53,550 --> 00:46:51,790

the intellectual energy to put into that

1011

00:46:55,170 --> 00:46:53,560

kind of thinking and then you realize

1012

00:46:57,300 --> 00:46:55,180

that it's really worth the energy and

1013

00:47:00,110 --> 00:46:57,310

since then I just haven't been able to

1014

00:47:02,310 --> 00:47:00,120

stop engaging with the community in and

1015

00:47:05,430 --> 00:47:02,320

obviously taking part in events like

1016

00:47:06,750 --> 00:47:05,440

this and you know now we're SAT with

1017

00:47:08,280 --> 00:47:06,760

Brisbane skeptics and all of the

1018

00:47:10,680 --> 00:47:08,290

committee you've done this amazing job

1019

00:47:13,730 --> 00:47:10,690

today to bring us this this event so

1020

00:47:16,140 --> 00:47:13,740

it's pretty amazing just getting back to

1021

00:47:20,040 --> 00:47:16,150

when you were five years old and hearing

1022

00:47:23,160 --> 00:47:20,050

about the arc story I am sure a certain

1023

00:47:24,990 --> 00:47:23,170

Ken Ham might be able to explain exactly

1024

00:47:27,090 --> 00:47:25,000

how all the animals including the

1025

00:47:29,490 --> 00:47:27,100

dinosaurs got on the ark of you ever

1026
00:47:29,640 --> 00:47:29,500
considered going and having a look at

1027
00:47:36,450 --> 00:47:29,650
the

1028
00:47:37,470 --> 00:47:36,460
like watching a train wreck I can't I've

1029
00:47:40,140 --> 00:47:37,480
I mean there would be a certain amount

1030
00:47:42,480 --> 00:47:40,150
of curiosity but I think bill nye went

1031
00:47:46,109 --> 00:47:42,490
recently and I think his report would be

1032
00:47:48,359 --> 00:47:46,119
enough for me all right and Ross what

1033
00:47:51,390 --> 00:47:48,369
was your favorite talk today oh there

1034
00:47:53,069 --> 00:47:51,400
were so many I really enjoyed yeah I

1035
00:47:54,900 --> 00:47:53,079
really enjoyed cats talk about sort of

1036
00:47:56,430 --> 00:47:54,910
the personal experience with whoo I

1037
00:47:59,250 --> 00:47:56,440
think there's something really powerful

1038
00:48:01,170 --> 00:47:59,260

about that you know it's it's easy as

1039

00:48:03,390 --> 00:48:01,180

someone who's been a skeptic kind of

1040

00:48:04,799 --> 00:48:03,400

forever to sort of dismiss people who

1041

00:48:06,510 --> 00:48:04,809

have these experiences and then you

1042

00:48:08,370 --> 00:48:06,520

realize that actually you know

1043

00:48:09,900 --> 00:48:08,380

everyone's just people and that you you

1044

00:48:12,510 --> 00:48:09,910

have to bear that in mind when you talk

1045

00:48:15,450 --> 00:48:12,520

to them I really like the biological

1046

00:48:16,710 --> 00:48:15,460

control talk as well that Michelle did

1047

00:48:19,410 --> 00:48:16,720

of course I think you'd have heard her

1048

00:48:21,029 --> 00:48:19,420

on the skeptic zone before as I do

1049

00:48:22,260 --> 00:48:21,039

virology so it's sort of a similar ish

1050

00:48:25,319 --> 00:48:22,270

field for me and that was really

1051

00:48:27,480 --> 00:48:25,329

fascinating and one can never turn down

1052

00:48:30,779 --> 00:48:27,490

an opportunity to say the word carp

1053

00:48:33,930 --> 00:48:30,789

herpes so that was a highlight for me as

1054

00:48:36,569 --> 00:48:33,940

well and what about you David what was

1055

00:48:40,140 --> 00:48:36,579

your favorite talk today um chronic duga

1056

00:48:42,990 --> 00:48:40,150

definitely just use like chronic dude

1057

00:48:44,819 --> 00:48:43,000

yeah well executive wasn't it obviously

1058

00:48:46,710 --> 00:48:44,829

there you go that's why intelligence

1059

00:48:48,329 --> 00:48:46,720

gone down the drain but ya know it's the

1060

00:48:53,220 --> 00:48:48,339

first time I've heard it explained like

1061

00:48:56,490 --> 00:48:53,230

that and I really enjoyed it yeah we had

1062

00:48:58,859 --> 00:48:56,500

great talks today and I would encourage

1063

00:49:00,960 --> 00:48:58,869

everybody if you ever have the

1064

00:49:03,450 --> 00:49:00,970

opportunity to get along to a skeptic

1065

00:49:05,450 --> 00:49:03,460

camp to come and meet some like-minded

1066

00:49:10,950 --> 00:49:05,460

people maybe even do a presentation

1067

00:49:12,450 --> 00:49:10,960

yourself hi I'm my name is Curtis and I

1068

00:49:13,980 --> 00:49:12,460

am here just talking about my

1069

00:49:16,890 --> 00:49:13,990

experiences working in an organic

1070

00:49:19,349 --> 00:49:16,900

supermarket and cafe and the people I

1071

00:49:22,349 --> 00:49:19,359

run into and deal with on a daily basis

1072

00:49:26,250 --> 00:49:22,359

and this I believe is your first skeptic

1073

00:49:28,349 --> 00:49:26,260

camp yes yes it is um I know Cassandra

1074

00:49:31,319 --> 00:49:28,359

and so I thought I'd come down and see

1075

00:49:33,809 --> 00:49:31,329

her and see what this is all about okay

1076
00:49:36,150 --> 00:49:33,819
and you just did a you were put on the

1077
00:49:37,980 --> 00:49:36,160
spot by cassandra and did a bit of a

1078
00:49:40,140 --> 00:49:37,990
talk for us which was very interesting

1079
00:49:43,440 --> 00:49:40,150
so tell us about some of the products

1080
00:49:45,600 --> 00:49:43,450
that you sell at work and so we look

1081
00:49:47,820 --> 00:49:45,610
look our store is fully organic so are

1082
00:49:50,820 --> 00:49:47,830
some of the more weird a staff we stock

1083
00:49:53,850 --> 00:49:50,830
is our they're Cleopatra's bath milk and

1084
00:49:57,060 --> 00:49:53,860
face mud cream which is um not full

1085
00:49:59,910 --> 00:49:57,070
human consumption but a lot of people

1086
00:50:01,730 --> 00:49:59,920
disregard that but by law you're not

1087
00:50:05,370 --> 00:50:01,740
allowed to sell it for human consumption

1088
00:50:08,760 --> 00:50:05,380

we also sell a lot of hemp products like

1089

00:50:10,770 --> 00:50:08,770

hemp protein hemp seeds hemp oil that's

1090

00:50:13,860 --> 00:50:10,780

also sold under the umbrella of not for

1091

00:50:17,610 --> 00:50:13,870

human consumption but people do consume

1092

00:50:20,880 --> 00:50:17,620

it we sell a lot of like turmeric powder

1093

00:50:24,450 --> 00:50:20,890

xand like colon cleanses more like arm

1094

00:50:27,450 --> 00:50:24,460

like charcoal and diastasis earth and

1095

00:50:30,450 --> 00:50:27,460

stuff that's used to help your gut

1096

00:50:33,090 --> 00:50:30,460

health and I clean you out and yeah we

1097

00:50:36,210 --> 00:50:33,100

just stuck a lot of stuff that Sam bit

1098

00:50:37,620 --> 00:50:36,220

obscure a lot of vitamins and other

1099

00:50:40,770 --> 00:50:37,630

things that you probably wouldn't find

1100

00:50:44,580 --> 00:50:40,780

at your normal health food store or just

1101

00:50:47,100 --> 00:50:44,590

supermarket and when customers come in

1102

00:50:49,650 --> 00:50:47,110

and ask for a particular product where

1103

00:50:54,200 --> 00:50:49,660

do you think they have got the idea that

1104

00:50:57,950 --> 00:50:54,210

a particular product like for example I

1105

00:51:00,150 --> 00:50:57,960

don't know buying the buying the

1106

00:51:03,480 --> 00:51:00,160

Cleopatra's bath milk for ingestion

1107

00:51:05,250 --> 00:51:03,490

where are they getting advice or the

1108

00:51:08,430 --> 00:51:05,260

idea that this is going to be good for

1109

00:51:11,100 --> 00:51:08,440

them I'm so there's um a few different

1110

00:51:13,530 --> 00:51:11,110

so it's usually news they've like

1111

00:51:15,270 --> 00:51:13,540

researched online or they've been told

1112

00:51:17,840 --> 00:51:15,280

by a naturopath or homeopath that it's

1113

00:51:21,330 --> 00:51:17,850

better for them for their gut health or

1114

00:51:23,010 --> 00:51:21,340

even we have people from like older

1115

00:51:24,630 --> 00:51:23,020

generation people they're raised on

1116

00:51:26,730 --> 00:51:24,640

dairy farms that think is just like the

1117

00:51:29,880 --> 00:51:26,740

best thing ever but they're obviously

1118

00:51:31,860 --> 00:51:29,890

used to it and so yeah they just I think

1119

00:51:33,900 --> 00:51:31,870

they read up on the health benefits

1120

00:51:36,090 --> 00:51:33,910

without looking at anything else and I

1121

00:51:37,830 --> 00:51:36,100

get told by people that are like natural

1122

00:51:40,440 --> 00:51:37,840

pass at her house with have quite

1123

00:51:43,140 --> 00:51:40,450

invested interest in telling people

1124

00:51:45,870 --> 00:51:43,150

about the most obscure health benefits

1125

00:51:49,080 --> 00:51:45,880

of staff so it's just they come in just

1126

00:51:51,210 --> 00:51:49,090

a bit blind and we can't we don't really

1127

00:51:54,000 --> 00:51:51,220

talk them out of buying things it's just

1128

00:51:56,250 --> 00:51:54,010

like you listen to what they want and

1129

00:51:57,240 --> 00:51:56,260

you help them find it and that's that we

1130

00:51:59,310 --> 00:51:57,250

try

1131

00:52:02,060 --> 00:51:59,320

I some if they ask the help we give them

1132

00:52:05,400 --> 00:52:02,070

help but we find generally just don't

1133

00:52:07,290 --> 00:52:05,410

take it upon ourselves to like tell them

1134

00:52:09,330 --> 00:52:07,300

otherwise because it's often a bit hard

1135

00:52:11,580 --> 00:52:09,340

reasoning with people and if they come

1136

00:52:14,550 --> 00:52:11,590

in and like we want to respect their

1137

00:52:16,740 --> 00:52:14,560

wishes as well and everyone's allowed to

1138

00:52:19,380 --> 00:52:16,750

have an opinion to their health and we

1139

00:52:21,870 --> 00:52:19,390

sort of respect that but um does it mean

1140

00:52:23,370 --> 00:52:21,880

we always agree so you were saying that

1141

00:52:25,290 --> 00:52:23,380

some people actually come in with a list

1142

00:52:29,070 --> 00:52:25,300

of products that they're naturopath has

1143

00:52:31,530 --> 00:52:29,080

given them to to buy this long list of

1144

00:52:33,060 --> 00:52:31,540

products and I guess if they've already

1145

00:52:34,620 --> 00:52:33,070

made their mind up and that's what their

1146

00:52:36,330 --> 00:52:34,630

particular health professional is

1147

00:52:38,370 --> 00:52:36,340

telling them to do there's not much you

1148

00:52:41,100 --> 00:52:38,380

you could do to talk them out of it even

1149

00:52:42,510 --> 00:52:41,110

if that was your job yeah exactly they

1150

00:52:44,550 --> 00:52:42,520

come in with stuff that like I can't

1151
00:52:46,200 --> 00:52:44,560
even pronounce and I don't know can't

1152
00:52:48,350 --> 00:52:46,210
really help them but we help them the

1153
00:52:51,780 --> 00:52:48,360
best we can and I think it's just we

1154
00:52:53,730 --> 00:52:51,790
kind of we kind of just facilitate the

1155
00:52:57,330 --> 00:52:53,740
from the natural path to being able to

1156
00:52:59,760 --> 00:52:57,340
consume those products and I um yeah and

1157
00:53:02,040 --> 00:52:59,770
so we just let them do their thing and

1158
00:53:04,620 --> 00:53:02,050
just trying to like set back unless they

1159
00:53:06,900 --> 00:53:04,630
ask the help and then we do have good

1160
00:53:08,660 --> 00:53:06,910
staff which a dietary traditionally give

1161
00:53:10,680 --> 00:53:08,670
them a little bit of help but um but

1162
00:53:13,740 --> 00:53:10,690
generally we just let them go without

1163
00:53:16,800 --> 00:53:13,750

and flow just to save from any bad

1164

00:53:22,080 --> 00:53:16,810

conflict or anything like that yeah and

1165

00:53:25,980 --> 00:53:22,090

have you noticed a shift or in trends I

1166

00:53:27,480 --> 00:53:25,990

think you mentioned the year of the what

1167

00:53:29,220 --> 00:53:27,490

was it you said that it was a year of

1168

00:53:31,290 --> 00:53:29,230

this year it was the year of the gut

1169

00:53:33,470 --> 00:53:31,300

it's the gut health yeah everyone's

1170

00:53:36,270 --> 00:53:33,480

going towards probiotics kombucha and

1171

00:53:39,030 --> 00:53:36,280

things that are going to promote good

1172

00:53:41,130 --> 00:53:39,040

gut health and what have been some of

1173

00:53:43,620 --> 00:53:41,140

the other trends that you've been aware

1174

00:53:45,810 --> 00:53:43,630

of um well we went to a phase of selling

1175

00:53:48,840 --> 00:53:45,820

a lot of quinoa and kale like a lot of

1176
00:53:51,300 --> 00:53:48,850
people have got on that bandwagon we

1177
00:53:53,340 --> 00:53:51,310
also like just depends on the seasons

1178
00:53:57,660 --> 00:53:53,350
like vitamin C goes off the shelves in

1179
00:53:59,100 --> 00:53:57,670
winter and kefir yogurt is very big I

1180
00:54:02,340 --> 00:53:59,110
think that's a probiotic as well so

1181
00:54:04,320 --> 00:54:02,350
that's selling quite well yeah we have

1182
00:54:06,990 --> 00:54:04,330
no coconut kefir we have different types

1183
00:54:08,820 --> 00:54:07,000
and I'm sauerkraut we've sold a lot of

1184
00:54:10,740 --> 00:54:08,830
BF lamented a lot of fermented foods

1185
00:54:13,500 --> 00:54:10,750
that's really getting big

1186
00:54:16,350 --> 00:54:13,510
on yeah but it just all depends what the

1187
00:54:17,760 --> 00:54:16,360
new being shown like when Pete Evans was

1188
00:54:20,550 --> 00:54:17,770

talking about bone broth we had a lot of

1189

00:54:22,440 --> 00:54:20,560

people asking for that and we have a lot

1190

00:54:24,810 --> 00:54:22,450

of people are asking for gelatin at the

1191

00:54:26,520 --> 00:54:24,820

moment as well like I like organic

1192

00:54:27,870 --> 00:54:26,530

gelatin and they want to know like the

1193

00:54:30,150 --> 00:54:27,880

sprouting number and ever thought that

1194

00:54:34,050 --> 00:54:30,160

it's a bit so I don't sure what that's

1195

00:54:35,940 --> 00:54:34,060

to do with but it yeah it's changing it

1196

00:54:37,620 --> 00:54:35,950

always changes it's come from somewhere

1197

00:54:39,210 --> 00:54:37,630

obviously they'll have to look up that

1198

00:54:41,880 --> 00:54:39,220

gelatin thing I hadn't heard of that

1199

00:54:45,330 --> 00:54:41,890

well thank you curtis it's been very

1200

00:54:47,430 --> 00:54:45,340

enlightening and we definitely hope to

1201
00:54:49,530 --> 00:54:47,440
see you at more skeptics events in the

1202
00:54:51,540 --> 00:54:49,540
future definitely i'll put dentally talk

1203
00:54:53,940 --> 00:54:51,550
to Cass and you and just yeah see if I

1204
00:55:12,930 --> 00:54:53,950
can come to some more definitely thank

1205
00:55:15,540 --> 00:55:12,940
you hi this is Cassandra president of

1206
00:55:17,790 --> 00:55:15,550
the Brisbane skeptics society in sunny

1207
00:55:20,420 --> 00:55:17,800
Queensland which well by Sydney

1208
00:55:23,760 --> 00:55:20,430
standards is the north side of Australia

1209
00:55:26,790 --> 00:55:23,770
I'd like to invite you to join us at one

1210
00:55:29,280 --> 00:55:26,800
of our many events not only do we have

1211
00:55:31,980 --> 00:55:29,290
weekly social gatherings all over

1212
00:55:34,320 --> 00:55:31,990
Brisbane and monthly lectures we get

1213
00:55:36,930 --> 00:55:34,330

along so well that once or twice a year

1214

00:55:40,860 --> 00:55:36,940

we escape our city confines in Brisbane

1215

00:55:42,890 --> 00:55:40,870

and go travelling together we're always

1216

00:55:46,560 --> 00:55:42,900

on the lookout for new ideas new

1217

00:55:51,290 --> 00:55:46,570

perspectives and definitely new speakers

1218

00:55:54,570 --> 00:55:51,300

want to find out more please visit us at

1219

00:55:57,390 --> 00:55:54,580

www.bootysha predicts org or search for

1220

00:56:17,490 --> 00:55:57,400

Brisbane skeptics society on Facebook or

1221

00:56:22,690 --> 00:56:20,110

thank you for listening to the skeptic

1222

00:56:24,820 --> 00:56:22,700

zone our next week's episode we can have

1223

00:56:27,940 --> 00:56:24,830

more from Heidi Robinson interviewing

1224

00:56:30,840 --> 00:56:27,950

people at Brisbane skepta camp and some

1225

00:56:33,100 --> 00:56:30,850

are more highlights and interviews from

1226
00:56:34,750 --> 00:56:33,110
super-science saturday at the Australian

1227
00:56:36,250 --> 00:56:34,760
Museum where Maynard and I were

1228
00:56:39,070 --> 00:56:36,260
performing the mystery investigators

1229
00:56:40,660 --> 00:56:39,080
show and that's a great show that's

1230
00:56:42,130 --> 00:56:40,670
that's a lot of fun we really enjoy it

1231
00:56:44,980 --> 00:56:42,140
there's a website mystery investigators

1232
00:56:47,380 --> 00:56:44,990
calm you might want to check that up the

1233
00:56:49,180 --> 00:56:47,390
show visits any interested groups but

1234
00:56:51,940 --> 00:56:49,190
especially schools it's really catered

1235
00:56:54,520 --> 00:56:51,950
towards school groups and indeed later

1236
00:56:57,520 --> 00:56:54,530
on this week main art and I will be back

1237
00:56:59,140 --> 00:56:57,530
at the Museum to perform for a high

1238
00:57:01,510 --> 00:56:59,150

school group to high school groups I

1239

00:57:04,150 --> 00:57:01,520

think and the week after that my good

1240

00:57:05,530 --> 00:57:04,160

friend Ian Bryce is also in the mystery

1241

00:57:07,690 --> 00:57:05,540

investigators will be joining me to

1242

00:57:09,030 --> 00:57:07,700

perform a busy time of the year thank

1243

00:57:11,980 --> 00:57:09,040

you to those people signing up with

1244

00:57:15,970 --> 00:57:11,990

patreon to be patrons of the skeptic

1245

00:57:18,190 --> 00:57:15,980

zone at it means a lot to the whole team

1246

00:57:20,800 --> 00:57:18,200

it really does means the show keeps

1247

00:57:23,740 --> 00:57:20,810

going they'll stop and you can sign up

1248

00:57:26,110 --> 00:57:23,750

at skeptic zone TV and while you're

1249

00:57:29,230 --> 00:57:26,120

there you can decide if you'd like to

1250

00:57:31,420 --> 00:57:29,240

subscribe to get the feed to get the the

1251
00:57:35,350 --> 00:57:31,430
episodes of the skeptic zone via iTunes

1252
00:57:38,920 --> 00:57:35,360
or you can use the RSS feed or stitcher

1253
00:57:41,020 --> 00:57:38,930
or iheart radio or YouTube a multitude

1254
00:57:43,570 --> 00:57:41,030
of choices and if you feel you'd like to

1255
00:57:47,080 --> 00:57:43,580
comment on any particular episode head

1256
00:57:50,190 --> 00:57:47,090
to the skeptic zone facebook page and

1257
00:57:52,510 --> 00:57:50,200
the links are at skip eggs under TV and

1258
00:57:54,790 --> 00:57:52,520
to the note from Rebecca who's a

1259
00:57:56,860 --> 00:57:54,800
listener to the show yes I like white

1260
00:57:58,540 --> 00:57:56,870
chocolate very much but for this week

1261
00:58:04,060 --> 00:57:58,550
this is Richard Saunders signing off

1262
00:58:10,250 --> 00:58:06,500
you've been listening to the skeptics

1263
00:58:13,190 --> 00:58:10,260

own podcast visit our website at wwc a

1264

00:58:16,610 --> 00:58:13,200

petting zoo TV for contacts an archive

1265

00:58:19,310 --> 00:58:16,620

of all episodes since 2008 and our

1266

00:58:21,220 --> 00:58:19,320

online store please support the skeptic

1267

00:58:24,410 --> 00:58:21,230

zone by following us on twitter at

1268

00:58:28,040 --> 00:58:24,420

skeptic zone liking us on facebook and

1269

00:58:30,200 --> 00:58:28,050

leaving a review on iTunes you can also

1270

00:58:33,400 --> 00:58:30,210

show your support by subscribing via

1271

00:58:36,140 --> 00:58:33,410

paypal for as little as 99 cents a week

1272

00:58:37,760 --> 00:58:36,150

the skeptic zone is an independent

1273

00:58:40,220 --> 00:58:37,770

production the views and opinions

1274

00:58:42,320 --> 00:58:40,230

expressed on the skeptic zone and not

1275

00:59:01,410 --> 00:58:42,330

necessarily those of Australian skeptics

1276

00:59:17,760 --> 00:59:06,290

you

1277

00:59:21,480 --> 00:59:17,770

hello hello the skeptic zone is over