

Episode 545

THE
**SKEPTIC
ZONE**
PODCAST

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The Skeptic Zone Podcast



Dr Eugenie Scott

Episode 545 - 31 March 2019

Dr Eugenie Scott
What would Darwin say
to today's creationists

Measles outbreaks
across the world

Skeptics in the pub
in Millbrae California

Reports of so-called
psychic detectives
from decades ago

1
00:00:09,110 --> 00:00:05,950

[Music]

2
00:00:17,150 --> 00:00:09,120

welcome to the skeptic zone the podcast

3
00:00:17,160 --> 00:00:23,540

[Music]

4
00:00:30,740 --> 00:00:26,340

yes it's the skeptic zone podcast

5
00:00:34,680 --> 00:00:30,750

episode number 545 for the 31st of March

6
00:00:37,799 --> 00:00:34,690

2019 Richard Saunders here with you from

7
00:00:39,810 --> 00:00:37,809

the San Francisco Bay Area and what a

8
00:00:42,030 --> 00:00:39,820

pleasure it is to be here in the Bay

9
00:00:44,549 --> 00:00:42,040

Area because I've been meeting up with

10
00:00:45,090 --> 00:00:44,559

the local skeptics in fact later on in

11
00:00:48,299 --> 00:00:45,100

the show

12
00:00:50,100 --> 00:00:48,309

a report from Millbrae skeptics in the

13
00:00:52,860 --> 00:00:50,110

pub now I know you're used to hearing

14

00:00:54,720 --> 00:00:52,870

Maynard or Trish Han our reporters at

15

00:00:57,270 --> 00:00:54,730

sydney's skeptics in the pub well this

16

00:00:59,880 --> 00:00:57,280

week I went to Millbrae skeptics in the

17

00:01:01,950 --> 00:00:59,890

pub Millbrae south of San Francisco and

18

00:01:06,450 --> 00:01:01,960

I met up with some of the locals there

19

00:01:10,469 --> 00:01:06,460

had a nice pint of Guinness and asked

20

00:01:13,620 --> 00:01:10,479

the big question the big question should

21

00:01:15,960 --> 00:01:13,630

you argue with somebody who is wrong on

22

00:01:18,800 --> 00:01:15,970

the internet and a big shout out in a

23

00:01:22,499 --> 00:01:18,810

big thank you to my friend Greg Dory who

24

00:01:24,630 --> 00:01:22,509

kindly invited me to Millbrae skeptics

25

00:01:27,059 --> 00:01:24,640

in the pub and he even took me back to

26

00:01:30,690 --> 00:01:27,069

where I'm staying afterwards in his

27

00:01:32,639 --> 00:01:30,700

wonderful electric car now I swear this

28

00:01:34,770 --> 00:01:32,649

car must be from the future because it

29

00:01:37,440 --> 00:01:34,780

seems to have a drone that flies above

30

00:01:39,120 --> 00:01:37,450

it and when you press a button you can

31

00:01:41,760 --> 00:01:39,130

see an aerial shot of your car or

32

00:01:44,219 --> 00:01:41,770

something like that those I don't know

33

00:01:46,199 --> 00:01:44,229

it's two signs he for me anyway what a

34

00:01:48,210 --> 00:01:46,209

great what a great night I had at

35

00:01:50,639 --> 00:01:48,220

Millbrae skeptics in the pub coming up

36

00:01:53,040 --> 00:01:50,649

later on in the show also here in the

37

00:01:56,059 --> 00:01:53,050

area I was lucky enough to attend a talk

38

00:02:00,570 --> 00:01:56,069

by dr. eugenie Scott what would Darwin

39

00:02:02,249 --> 00:02:00,580

think of today's creationists and before

40

00:02:05,580 --> 00:02:02,259

the talk Jeanne and I spent some time

41

00:02:07,169 --> 00:02:05,590

chatting about this very issue that's

42

00:02:10,290 --> 00:02:07,179

coming up right at the top of the show

43

00:02:13,440 --> 00:02:10,300

after that a report about measles

44

00:02:16,619 --> 00:02:13,450

outbreaks around the world a very

45

00:02:19,710 --> 00:02:16,629

concerning story not only here in the

46

00:02:22,530 --> 00:02:19,720

Bay Area but also in New York and well

47

00:02:25,229 --> 00:02:22,540

in quite a few pockets around the world

48

00:02:29,010 --> 00:02:25,239

measles is rearing its ugly head

49

00:02:31,860 --> 00:02:29,020

I wonder why and then to round off the

50

00:02:33,170 --> 00:02:31,870

show later on we have another report

51
00:02:34,580 --> 00:02:33,180
from the skeptic magazine

52
00:02:37,160 --> 00:02:34,590
the Journal from Australian skeptics

53
00:02:40,610 --> 00:02:37,170
this one oh we go back quite a few years

54
00:02:46,069 --> 00:02:40,620
well over 30 years to look at an article

55
00:02:49,099 --> 00:02:46,079
about psychic detectives so-called

56
00:02:52,309 --> 00:02:49,109
stayed tuned at the end of the show for

57
00:02:55,069 --> 00:02:52,319
more messages from me but now it's time

58
00:02:58,220 --> 00:02:55,079
for me to run upstairs make myself a

59
00:03:01,090 --> 00:02:58,230
nice root beer float while I'm doing

60
00:03:08,650 --> 00:03:01,100
that I hope you enjoy the skeptic zone

61
00:03:21,210 --> 00:03:08,660
[Music]

62
00:03:29,259 --> 00:03:25,680
on Saturday the 24th of May 2019 I

63
00:03:31,870 --> 00:03:29,269

accompany dr. eugenie Scott and we drove

64

00:03:33,729 --> 00:03:31,880

down to Palo Alto which is south of San

65

00:03:36,970 --> 00:03:33,739

Francisco to a meet-up

66

00:03:41,080 --> 00:03:36,980

organized by the Atheist Abbey a local

67

00:03:42,820 --> 00:03:41,090

group our host was Jan Altman and dr.

68

00:03:45,930 --> 00:03:42,830

eugenie Scott was there to talk about

69

00:03:53,229 --> 00:03:45,940

what would Darwin say to today's

70

00:03:54,880 --> 00:03:53,239

creationists of course dr. eugenie Scott

71

00:03:57,670 --> 00:03:54,890

needs no introduction to listeners of

72

00:03:59,620 --> 00:03:57,680

the skeptic zone however she is a former

73

00:04:02,410 --> 00:03:59,630

executive director of the National

74

00:04:04,240 --> 00:04:02,420

Center for Science education also an

75

00:04:06,550 --> 00:04:04,250

internationally known expert on

76
00:04:10,059 --> 00:04:06,560
controversy between the creationism and

77
00:04:13,479 --> 00:04:10,069
evolution and an acclaimed scientist in

78
00:04:15,759 --> 00:04:13,489
her own right she is often called upon

79
00:04:17,349 --> 00:04:15,769
by the press and other media to explain

80
00:04:21,279 --> 00:04:17,359
science to the general public

81
00:04:24,520 --> 00:04:21,289
and incidentally she's a great beekeeper

82
00:04:25,430 --> 00:04:24,530
I caught up with dr. eugenie Scott just

83
00:04:30,520 --> 00:04:25,440
before her talk

84
00:04:37,260 --> 00:04:35,090
[Music]

85
00:04:40,590 --> 00:04:37,270
you're supposed to say it's a sculpture

86
00:04:43,620 --> 00:04:40,600
we're here in Palo Alto at the the

87
00:04:45,300 --> 00:04:43,630
library I'm with dr. eugenie Scott and

88
00:04:48,420 --> 00:04:45,310

we're just wandering around the garden

89

00:04:50,490 --> 00:04:48,430

now because we're here too

90

00:04:54,060 --> 00:04:50,500

you're giving a talk today I am giving a

91

00:04:57,390 --> 00:04:54,070

talk yes and it's about what Darwin

92

00:05:00,870 --> 00:04:57,400

would say now something to this it's a

93

00:05:03,870 --> 00:05:00,880

talk that I have given many times for

94

00:05:06,870 --> 00:05:03,880

Darwin Day celebrations I guess actually

95

00:05:09,840 --> 00:05:06,880

the first time I gave it was in 2009 in

96

00:05:12,390 --> 00:05:09,850

Chicago at a conference about Darwin but

97

00:05:14,219 --> 00:05:12,400

I thought it would be fun to think about

98

00:05:16,710 --> 00:05:14,229

what would Darwin say to today's

99

00:05:21,029 --> 00:05:16,720

creationists as of course Darwin had

100

00:05:23,010 --> 00:05:21,039

creationists in the 1830 they were very

101
00:05:25,110 --> 00:05:23,020
different from our creationists but some

102
00:05:27,420 --> 00:05:25,120
of the stuff has remained the same so I

103
00:05:30,000 --> 00:05:27,430
I don't know how many times I've given

104
00:05:33,450 --> 00:05:30,010
this talk but it's always a little bit

105
00:05:34,980 --> 00:05:33,460
different because number one I always

106
00:05:36,839 --> 00:05:34,990
like to do something a little different

107
00:05:39,620 --> 00:05:36,849
but also because there's so many

108
00:05:42,990 --> 00:05:39,630
different things you can talk about

109
00:05:44,670 --> 00:05:43,000
certainly the demonization of Darwin was

110
00:05:47,040 --> 00:05:44,680
something that went on during his time

111
00:05:51,270 --> 00:05:47,050
and I could stop driving I could do a

112
00:05:52,860 --> 00:05:51,280
whole hour or more on that alone but

113
00:05:55,890 --> 00:05:52,870

there's also fun things to talk about

114

00:05:58,350 --> 00:05:55,900

like Darwin's deathbed confession which

115

00:06:00,480 --> 00:05:58,360

is a lot of fun and I usually always

116

00:06:02,189 --> 00:06:00,490

talk about that just because if you've

117

00:06:04,050 --> 00:06:02,199

heard about it it's fun to know the

118

00:06:05,670 --> 00:06:04,060

story behind it okay if you haven't

119

00:06:10,560 --> 00:06:05,680

heard about it it's kind of interesting

120

00:06:12,960 --> 00:06:10,570

that this urban legend became so

121

00:06:15,750 --> 00:06:12,970

widespread this is a common theme I mean

122

00:06:19,379 --> 00:06:15,760

I've heard Carl Sagan had a deathbed

123

00:06:21,510 --> 00:06:19,389

confession in any prominent skeptic or

124

00:06:23,010 --> 00:06:21,520

atheist or or whatever it is someone

125

00:06:26,120 --> 00:06:23,020

will say oh yes but he had a deathbed

126

00:06:29,279 --> 00:06:26,130

confession yeah that seems to be a very

127

00:06:32,670 --> 00:06:29,289

rewarding idea for people they do when

128

00:06:34,439 --> 00:06:32,680

when somebody is has views that are very

129

00:06:36,600 --> 00:06:34,449

opposed to views that you hold very

130

00:06:39,270 --> 00:06:36,610

strongly I'm sure it's very comforting

131

00:06:40,830 --> 00:06:39,280

to think that they can't finally came

132

00:06:43,790 --> 00:06:40,840

around to your point of view but

133

00:06:46,560 --> 00:06:43,800

in the case of Darwin nope that region

134

00:06:48,960 --> 00:06:46,570

often joke with my listeners about being

135

00:06:51,720 --> 00:06:48,970

plagued by aircraft there's a jet flying

136

00:06:53,550 --> 00:06:51,730

overhead and I can hear it I don't know

137

00:06:54,780 --> 00:06:53,560

what that is in the background I think

138

00:06:56,220 --> 00:06:54,790

they follow me around the world Jeanne

139

00:06:58,350 --> 00:06:56,230

whenever I'm recording someone says

140

00:07:01,379 --> 00:06:58,360

right send the aircraft to it I'm sure

141

00:07:04,260 --> 00:07:01,389

that's a problem actually I think you've

142

00:07:06,420 --> 00:07:04,270

got two aircraft I went and uh but

143

00:07:08,940 --> 00:07:06,430

that's not the one we're hearing now no

144

00:07:10,590 --> 00:07:08,950

it's getting louder I think we're in

145

00:07:12,450 --> 00:07:10,600

trouble I can't even see if it's lost up

146

00:07:14,100 --> 00:07:12,460

in there in the clouds must be behind

147

00:07:17,090 --> 00:07:14,110

that big cedar tree oh there it is it's

148

00:07:19,830 --> 00:07:17,100

a small aircraft oh I see it yes but

149

00:07:22,200 --> 00:07:19,840

getting back now compare craft is

150

00:07:23,820 --> 00:07:22,210

disappearing this this hole this is the

151
00:07:26,040 --> 00:07:23,830
interesting notion to me because you're

152
00:07:29,129 --> 00:07:26,050
saying that the creationists now are

153
00:07:30,780 --> 00:07:29,139
somewhat different to the creationist

154
00:07:32,370 --> 00:07:30,790
Darwin had to deal with I mean if I gave

155
00:07:36,659 --> 00:07:32,380
it any thought I would I would see that

156
00:07:41,430 --> 00:07:36,669
that must be the case yeah but you know

157
00:07:43,440 --> 00:07:41,440
yes and no what they evolved if nothing

158
00:07:47,010 --> 00:07:43,450
else evolves creationism evolves believe

159
00:07:51,570 --> 00:07:47,020
me but just like all evolution it's on a

160
00:07:55,650 --> 00:07:51,580
pattern and the argument from design as

161
00:07:58,650 --> 00:07:55,660
an example we have here in the 20th and

162
00:08:01,680 --> 00:07:58,660
21st centuries the intelligent design

163
00:08:05,190 --> 00:08:01,690

creationists who are really just an

164

00:08:08,190 --> 00:08:05,200

intensification of ideas from their

165

00:08:11,400 --> 00:08:08,200

ancestral creation science proponents

166

00:08:16,170 --> 00:08:11,410

our young earth creationists and they

167

00:08:18,659 --> 00:08:16,180

are descendants of those from the 1800s

168

00:08:21,150 --> 00:08:18,669

that that Darwin was dealing with but

169

00:08:23,760 --> 00:08:21,160

the basic idea of design is an extremely

170

00:08:26,730 --> 00:08:23,770

attractive one to people it when you

171

00:08:30,629 --> 00:08:26,740

look at nature nature seems so complex

172

00:08:32,370 --> 00:08:30,639

it just seems common sense that this

173

00:08:35,219 --> 00:08:32,380

couldn't have come about by chance and

174

00:08:40,199 --> 00:08:35,229

of course no evolution has ever said

175

00:08:42,390 --> 00:08:40,209

that it came about by chance but not the

176
00:08:47,010 --> 00:08:42,400
the complexity of that redwood tree that

177
00:08:49,740 --> 00:08:47,020
we're standing next to is it's not an

178
00:08:51,120 --> 00:08:49,750
either/or thing it's not a it's not that

179
00:08:53,730 --> 00:08:51,130
is just a matter of

180
00:08:57,120 --> 00:08:53,740
random chance that all of those cells

181
00:09:00,710 --> 00:08:57,130
developed to process light into energy

182
00:09:03,090 --> 00:09:00,720
through photosynthesis and deposit the

183
00:09:04,230 --> 00:09:03,100
proteins that form the bark and the

184
00:09:07,140 --> 00:09:04,240
leaves and the trees and all this

185
00:09:09,780 --> 00:09:07,150
incredible complexity that makes a two

186
00:09:13,639 --> 00:09:09,790
hundred twelve foot tree that that

187
00:09:18,480 --> 00:09:16,019
components bumping together and forming

188
00:09:22,069 --> 00:09:18,490

by chance or God poofed it into

189

00:09:24,870 --> 00:09:22,079

existence there is a natural process

190

00:09:26,490 --> 00:09:24,880

called natural selection that can

191

00:09:27,990 --> 00:09:26,500

produce design and usually that's

192

00:09:30,269 --> 00:09:28,000

something I talk about in this lecture

193

00:09:31,800 --> 00:09:30,279

as well yeah and I guess I'm a little

194

00:09:37,230 --> 00:09:31,810

surprised because once you get the hang

195

00:09:39,420 --> 00:09:37,240

of natural selection it's not that

196

00:09:41,490 --> 00:09:39,430

complex is it I mean it's not a really

197

00:09:44,129 --> 00:09:41,500

hard thing to get your hair around how

198

00:09:49,430 --> 00:09:44,139

it works it's a basic idea no the basic

199

00:09:54,000 --> 00:09:49,440

idea makes a whole lot of sense when you

200

00:09:56,509 --> 00:09:54,010

you know when I'm talking to people who

201
00:10:01,620 --> 00:09:56,519
have a little bit of science background

202
00:10:03,689 --> 00:10:01,630
I'm not afraid to use big words I like

203
00:10:06,150 --> 00:10:03,699
to describe natural selection as

204
00:10:08,819 --> 00:10:06,160
adaptive differential reproduction and

205
00:10:10,530 --> 00:10:08,829
its reproduction because what we're

206
00:10:12,030 --> 00:10:10,540
talking about is stuff through time

207
00:10:13,439 --> 00:10:12,040
things that get passed on from

208
00:10:16,850 --> 00:10:13,449
generation to generation and

209
00:10:19,740 --> 00:10:16,860
reproduction is that concept

210
00:10:21,449 --> 00:10:19,750
differential reproduction refers to the

211
00:10:23,129 --> 00:10:21,459
fact that not everything in one

212
00:10:25,530 --> 00:10:23,139
generation gets passed on to the next

213
00:10:26,699 --> 00:10:25,540

generation some organisms never

214

00:10:28,889 --> 00:10:26,709

reproduce at all

215

00:10:31,889 --> 00:10:28,899

some reproduce more than others there is

216

00:10:34,050 --> 00:10:31,899

a differential of reproduction but the

217

00:10:36,629 --> 00:10:34,060

differential reproduction is the result

218

00:10:38,850 --> 00:10:36,639

of adaptive qualities so adaptive

219

00:10:40,470 --> 00:10:38,860

differential reproduction really is the

220

00:10:42,870 --> 00:10:40,480

key to understanding natural selection

221

00:10:46,100 --> 00:10:42,880

and when we say natural selection is

222

00:10:48,600 --> 00:10:46,110

adaptive we're saying that the

223

00:10:51,240 --> 00:10:48,610

characteristics within a population that

224

00:10:54,740 --> 00:10:51,250

tend within that environment which is

225

00:10:57,300 --> 00:10:54,750

critical within that environment to make

226

00:11:00,210 --> 00:10:57,310

individuals survive longer reproduce

227

00:11:02,879 --> 00:11:00,220

more those are adaptive for that

228

00:11:05,579 --> 00:11:02,889

environment and are therefore passed on

229

00:11:09,449 --> 00:11:05,589

differentially so over time you know

230

00:11:12,240 --> 00:11:09,459

because because reproduction occurs

231

00:11:14,100 --> 00:11:12,250

because adaptation takes place everybody

232

00:11:16,410 --> 00:11:14,110

can see that creationists agree that

233

00:11:17,960 --> 00:11:16,420

adaptation takes place and if you give

234

00:11:22,029 --> 00:11:17,970

it enough time

235

00:11:24,669 --> 00:11:22,039

the the logical result of that is

236

00:11:27,259 --> 00:11:24,679

adaptive differential reproduction

237

00:11:30,139 --> 00:11:27,269

evolution by natural selection again

238

00:11:33,079 --> 00:11:30,149

once you sit down and explained to you

239

00:11:35,839 --> 00:11:33,089

and you consider it it falls into place

240

00:11:37,399 --> 00:11:35,849

next it doesn't make sense and what you

241

00:11:40,939 --> 00:11:37,409

say about time is very interesting

242

00:11:42,859 --> 00:11:40,949

because I fear and I think and you

243

00:11:45,669 --> 00:11:42,869

probably would know more than me but

244

00:11:49,339 --> 00:11:45,679

since we are woefully inadequate to

245

00:11:50,779 --> 00:11:49,349

grasp timescale it's so hard you're so

246

00:11:53,089 --> 00:11:50,789

hard we can't I mean you were talking

247

00:11:55,969 --> 00:11:53,099

about the versus taking millions of

248

00:11:58,699 --> 00:11:55,979

years well we have trouble coping with

249

00:12:00,679 --> 00:11:58,709

tens of years you know hey I was right

250

00:12:05,829 --> 00:12:00,689

you know making some modifications to

251

00:12:08,809 --> 00:12:05,839

this talk yesterday and I realized that

252

00:12:14,479 --> 00:12:08,819

I'm the same age Darwin was when he died

253

00:12:16,549 --> 00:12:14,489

so time creeps up and astana and he was

254

00:12:24,469 --> 00:12:16,559

kind of old and sick and feeble and I'm

255

00:12:26,419 --> 00:12:24,479

not yet jokin what was it when Mozart

256

00:12:29,289 --> 00:12:26,429

was my age and being dead for ten years

257

00:12:32,299 --> 00:12:29,299

yeah that was Darwin I'd be dead yeah

258

00:12:34,399 --> 00:12:32,309

all right we'll all right I think you're

259

00:12:35,869 --> 00:12:34,409

getting the call we better walk into the

260

00:12:38,509 --> 00:12:35,879

library now I think they're setting up

261

00:12:43,110 --> 00:12:38,519

the room and I'm really looking forward

262

00:12:43,120 --> 00:12:47,040

[Music]

263

00:12:52,390 --> 00:12:49,930

needless to say dr. eugenie Scott gave a

264

00:12:55,540 --> 00:12:52,400

wonderful talk lasting over an hour

265

00:12:57,760 --> 00:12:55,550

what would Darwin say to today's

266

00:13:01,090 --> 00:12:57,770

creationists she covered many many

267

00:13:05,260 --> 00:13:01,100

topics from Darwin's voyage to all his

268

00:13:07,510 --> 00:13:05,270

publications was fascinating to hear

269

00:13:10,990 --> 00:13:07,520

about Darwin's alleged deathbed

270

00:13:14,320 --> 00:13:11,000

confession how Darwin would be surprised

271

00:13:16,240 --> 00:13:14,330

at the young Earth Creationism the new

272

00:13:19,300 --> 00:13:16,250

kinds of creationism all around the

273

00:13:23,260 --> 00:13:19,310

world from different cultures and why

274

00:13:25,000 --> 00:13:23,270

he's been demonized since his death if

275

00:13:28,210 --> 00:13:25,010

you have a chance to see dr. Eugenie's

276

00:13:41,470 --> 00:13:28,220

talk I sincerely recommend it Thank You

277

00:13:44,050 --> 00:13:41,480

Jeanne here's a message from our friends

278

00:13:46,360 --> 00:13:44,060

at the Mordy Alex skeptics are just

279

00:13:48,880 --> 00:13:46,370

south of Melbourne second of April more

280

00:13:51,520 --> 00:13:48,890

tea skeptics meetup a sceptical journey

281

00:13:54,960 --> 00:13:51,530

through my career in water sanitation

282

00:13:56,830 --> 00:13:54,970

and hygiene by Katherine Harris

283

00:13:59,470 --> 00:13:56,840

Katherine will talk about the

284

00:14:04,180 --> 00:13:59,480

criticality of water sanitation and

285

00:14:06,760 --> 00:14:04,190

hygiene waa SH wat in third world

286

00:14:09,160 --> 00:14:06,770

countries catherine has worked for over

287

00:14:11,800 --> 00:14:09,170

20 years in the area of water sanitation

288

00:14:14,650 --> 00:14:11,810

and hygiene including over 12 years

289

00:14:17,560 --> 00:14:14,660

working in India Somalia timor-leste

290

00:14:19,280 --> 00:14:17,570

Philippines Sri Lanka and across the

291

00:14:22,160 --> 00:14:19,290

Pacific

292

00:14:25,070 --> 00:14:22,170

she has predominantly worked for UNICEF

293

00:14:27,080 --> 00:14:25,080

but has also worked for Red Cross Red

294

00:14:30,470 --> 00:14:27,090

our Australia and the Australian

295

00:14:32,810 --> 00:14:30,480

Government's Global wash fund she moved

296

00:14:34,880 --> 00:14:32,820

to Melbourne two years ago and as a

297

00:14:38,330 --> 00:14:34,890

member of Victorian sceptics now this

298

00:14:41,120 --> 00:14:38,340

will be 7:30 p.m. at the Maury Alec

299

00:14:43,550 --> 00:14:41,130

sporting club which is in Maury Alec

300

00:14:45,380 --> 00:14:43,560

Victoria for more information just

301

00:14:46,010 --> 00:14:45,390

follow the link in this week's show

302

00:15:04,109 --> 00:14:46,020

notes

303

00:15:10,269 --> 00:15:07,689

some years ago the sceptic zone reported

304

00:15:13,869 --> 00:15:10,279

on a book called Melanie's marvelous

305

00:15:17,859 --> 00:15:13,879

measles by author Stephanie Messinger

306

00:15:21,069 --> 00:15:17,869

this book was published in 2012 the book

307

00:15:25,090 --> 00:15:21,079

a children's book is about a little girl

308

00:15:29,079 --> 00:15:25,100

called Melanie who contracts measles and

309

00:15:31,299 --> 00:15:29,089

is happy as a clam and the cover of the

310

00:15:34,389 --> 00:15:31,309

book has her with her measles dancing in

311

00:15:38,109 --> 00:15:34,399

the garden with a butterfly it basically

312

00:15:40,210 --> 00:15:38,119

encourages parents to give their

313

00:15:43,449 --> 00:15:40,220

children preventable diseases

314

00:15:46,389 --> 00:15:43,459

one reviewer writes author Stephanie

315

00:15:48,099 --> 00:15:46,399

Messinger is learning the hard way the

316

00:15:50,769 --> 00:15:48,109

2012 children's book

317

00:15:53,019 --> 00:15:50,779

Melanie's marvelous measles is getting

318

00:15:56,049 --> 00:15:53,029

renewed attention thanks to a recent

319

00:15:59,109 --> 00:15:56,059

deadly outbreak of measles in Disneyland

320

00:16:01,599 --> 00:15:59,119

in December there have been more than

321

00:16:04,599 --> 00:16:01,609

100 confirmed cases of the contagious

322

00:16:09,489 --> 00:16:04,609

virus across a dozen states that comes

323

00:16:12,009 --> 00:16:09,499

from 2015 now in 2019 we have the

324

00:16:16,239 --> 00:16:12,019

unbelievable situation where according

325

00:16:18,039 --> 00:16:16,249

to USA Today and many other outlets New

326

00:16:21,849 --> 00:16:18,049

York County declares state of emergency

327

00:16:22,840 --> 00:16:21,859

for measles bans unvaccinated - from

328

00:16:25,569 --> 00:16:22,850

public places

329

00:16:27,249 --> 00:16:25,579

the report says citing pockets of

330

00:16:29,109 --> 00:16:27,259

resistance that are impeding the

331

00:16:32,979 --> 00:16:29,119

county's efforts to stem a measles

332

00:16:33,939 --> 00:16:32,989

outbreak that has risen to 153 cases

333

00:16:37,299 --> 00:16:33,949

since October

334

00:16:39,039 --> 00:16:37,309

Rockland officials today declared a

335

00:16:40,929 --> 00:16:39,049

state of emergency starting at midnight

336

00:16:42,970 --> 00:16:40,939

anyone who is under 18 and not

337

00:16:45,849 --> 00:16:42,980

vaccinated against measles will be

338

00:16:48,279 --> 00:16:45,859

banned from public places this ban will

339

00:16:51,239 --> 00:16:48,289

last until the declaration expires in 30

340

00:16:53,619 --> 00:16:51,249

days or until people are vaccinated

341

00:16:55,779 --> 00:16:53,629

places covered under the ban include

342

00:16:57,969 --> 00:16:55,789

shopping centers restaurants schools and

343

00:17:01,659 --> 00:16:57,979

places of worship outdoor gathering

344

00:17:03,759 --> 00:17:01,669

places are not included the report goes

345

00:17:06,250 --> 00:17:03,769

on the original measles cases in New

346

00:17:07,300 --> 00:17:06,260

York and New Jersey in October came from

347

00:17:09,460 --> 00:17:07,310

travelers visiting

348

00:17:12,070 --> 00:17:09,470

from more traveling home from Israel

349

00:17:15,760 --> 00:17:12,080

which is experiencing a measles outbreak

350

00:17:17,950 --> 00:17:15,770

that has affected more than 3400 people

351
00:17:19,810 --> 00:17:17,960
and has caused at least two deaths

352
00:17:21,160 --> 00:17:19,820
measles has been eliminated in the

353
00:17:24,010 --> 00:17:21,170
United States due to high vaccination

354
00:17:27,670 --> 00:17:24,020
rates but pockets of measles outbreaks

355
00:17:29,830 --> 00:17:27,680
can break out in on or under vaccinated

356
00:17:32,260 --> 00:17:29,840
areas due to travelers bringing in

357
00:17:35,530 --> 00:17:32,270
measles from outside the US officials

358
00:17:38,620 --> 00:17:35,540
said and closer to where I am at the

359
00:17:42,970 --> 00:17:38,630
moment in the San Francisco area and we

360
00:17:46,870 --> 00:17:42,980
quote briefly from the website of kpx 5

361
00:17:49,390 --> 00:17:46,880
CBS San Francisco Bay Area traveler may

362
00:17:52,690 --> 00:17:49,400
have exposed thousands to measles in

363
00:17:55,990 --> 00:17:52,700

Santa Clara County and here is a brief

364

00:17:58,180 --> 00:17:56,000

clip from the TV news that means well

365

00:18:00,580 --> 00:17:58,190

scare in the South Bay for seven days

366

00:18:02,530 --> 00:18:00,590

infected tourists exposed thousands to

367

00:18:05,500 --> 00:18:02,540

the virus before he was finally

368

00:18:08,320 --> 00:18:05,510

hospitalized he visited 20 popular

369

00:18:11,440 --> 00:18:08,330

locations including the Apple Visitors

370

00:18:13,720 --> 00:18:11,450

Center in Cupertino the Hoover tower

371

00:18:15,910 --> 00:18:13,730

observation deck at Stanford and the

372

00:18:20,200 --> 00:18:15,920

valley Fair Mall where nightbeat's Maria

373

00:18:22,720 --> 00:18:20,210

Medina is tonight Maria yeah and he also

374

00:18:24,880 --> 00:18:22,730

visited restaurants and grocery stores

375

00:18:26,710 --> 00:18:24,890

during his stay here the good news if

376

00:18:31,270 --> 00:18:26,720

you've been vaccinated you should be ok

377

00:18:32,680 --> 00:18:31,280

but many aren't it is concerning it's

378

00:18:34,720 --> 00:18:32,690

concerning to everybody

379

00:18:37,150 --> 00:18:34,730

you realize Japan doze worked as a nurse

380

00:18:39,340 --> 00:18:37,160

practitioner for nearly two decades we

381

00:18:40,600 --> 00:18:39,350

caught her outside the Great Mall you

382

00:18:42,790 --> 00:18:40,610

just didn't know who they were in

383

00:18:44,980 --> 00:18:42,800

contact with Santa Clara County leaders

384

00:18:47,320 --> 00:18:44,990

say a man with the measles who'd flown

385

00:18:49,450 --> 00:18:47,330

in from a different country made a stop

386

00:18:51,490 --> 00:18:49,460

while in the South Bay measles is one of

387

00:18:53,950 --> 00:18:51,500

the most contagious infectious diseases

388

00:18:56,530 --> 00:18:53,960

the man kept a busy schedule during his

389

00:18:58,780 --> 00:18:56,540

stay on Saturday March 16th he went to

390

00:19:01,270 --> 00:18:58,790

this I hop in San Jose they should have

391

00:19:03,460 --> 00:19:01,280

at least on the window at least on the

392

00:19:05,860 --> 00:19:03,470

front window or a sign that says that

393

00:19:08,200 --> 00:19:05,870

there was measles president it was just

394

00:19:09,820 --> 00:19:08,210

one of 20 very crowded places the man

395

00:19:11,560 --> 00:19:09,830

visited within a week from the

396

00:19:12,130 --> 00:19:11,570

restaurant he went to the Apple visitor

397

00:19:14,530 --> 00:19:12,140

center

398

00:19:17,650 --> 00:19:14,540

Stanford's Hoover Tower and Valley Fair

399

00:19:20,620 --> 00:19:17,660

Mall March 18th Alfred IO in Santa Clara

400

00:19:22,330 --> 00:19:20,630

March 19th a great mall in Milpitas

401
00:19:24,580 --> 00:19:22,340
doctors say someone can catch the

402
00:19:28,200 --> 00:19:24,590
measles even an hour after the infected

403
00:19:30,190 --> 00:19:28,210
person leaves the room it's up to 90% of

404
00:19:33,070 --> 00:19:30,200
susceptible people will get the measles

405
00:19:33,640 --> 00:19:33,080
if they're exposed which is extremely

406
00:19:35,020 --> 00:19:33,650
high

407
00:19:37,240 --> 00:19:35,030
those include people who aren't

408
00:19:39,190 --> 00:19:37,250
vaccinated including babies waiting to

409
00:19:41,320 --> 00:19:39,200
get the shots and anyone with a weakened

410
00:19:43,210 --> 00:19:41,330
immune system in Santa Clara County

411
00:19:44,680 --> 00:19:43,220
ninety six point seven percent of

412
00:19:47,200 --> 00:19:44,690
kindergarteners last year were

413
00:19:49,390 --> 00:19:47,210

vaccinated for the measles URI DS is

414

00:19:51,970 --> 00:19:49,400

around the sick all the time she says

415

00:19:54,430 --> 00:19:51,980

she protects herself as much as she can

416

00:19:56,530 --> 00:19:54,440

I'm vaccinated and I'm hoping that

417

00:19:59,380 --> 00:19:56,540

everyone fussing as their kids in

418

00:20:04,180 --> 00:19:59,390

themselves and that's all you can hope

419

00:20:06,490 --> 00:20:04,190

for and the doctor says it is never too

420

00:20:08,740 --> 00:20:06,500

late to be vaccinated by the way health

421

00:20:11,260 --> 00:20:08,750

officials did not say where the tourists

422

00:20:13,540 --> 00:20:11,270

was from live in the Nightbeat I'm Maria

423

00:20:16,540 --> 00:20:13,550

Medina we have posted the full list of

424

00:20:18,790 --> 00:20:16,550

locations that this person visited along

425

00:20:21,520 --> 00:20:18,800

with the specific dates and times they

426

00:20:26,200 --> 00:20:21,530

were there at KPIX com

427

00:20:28,570 --> 00:20:26,210

and that audio courtesy of KPIX comm and

428

00:20:32,080 --> 00:20:28,580

you can visit that website to find out

429

00:20:35,320 --> 00:20:32,090

more and of course it's not just Israel

430

00:20:37,690 --> 00:20:35,330

in the United States that are suffering

431

00:20:40,600 --> 00:20:37,700

from measles outbreaks at the moment a

432

00:20:43,810 --> 00:20:40,610

report from closer to home closer to

433

00:20:46,660 --> 00:20:43,820

Australia New Zealand from staff Cohen's

434

00:20:48,610 --> 00:20:46,670

ed we read passengers on a flight from

435

00:20:50,350 --> 00:20:48,620

Melbourne to Christchurch exposed to

436

00:20:52,570 --> 00:20:50,360

measles the story goes on to say a

437

00:20:55,930 --> 00:20:52,580

passenger who flew into Christchurch

438

00:20:58,570 --> 00:20:55,940

from Australia had the measles adding to

439

00:21:00,910 --> 00:20:58,580

the regional outbreak of more than 35

440

00:21:03,130 --> 00:21:00,920

cases the person who was infectious

441

00:21:06,370 --> 00:21:03,140

arrived in Melbourne on a Virgin

442

00:21:09,730 --> 00:21:06,380

Australia flight the a99 on March 19

443

00:21:10,980 --> 00:21:09,740

landing at 11:35 p.m. the Canterbury

444

00:21:14,620 --> 00:21:10,990

District Health Board

445

00:21:17,050 --> 00:21:14,630

CDH B has urged anyone on the flight

446

00:21:19,780 --> 00:21:17,060

unsure about their immunization status

447

00:21:22,720 --> 00:21:19,790

to check with their doctor and to stay

448

00:21:24,580 --> 00:21:22,730

home and remain isolated until the 3rd

449

00:21:27,460 --> 00:21:24,590

of April if they are not fully

450

00:21:30,310 --> 00:21:27,470

vaccinated we also have reports about

451
00:21:32,650 --> 00:21:30,320
warnings about measles from the

452
00:21:33,510 --> 00:21:32,660
Australian Formula One Grand Prix yet

453
00:21:35,010 --> 00:21:33,520
another report

454
00:21:37,650 --> 00:21:35,020
from a couple of weeks ago New South

455
00:21:39,360 --> 00:21:37,660
Wales health issues warnings after

456
00:21:41,910 --> 00:21:39,370
tourist brings measles from barley

457
00:21:45,090 --> 00:21:41,920
visits Sydney Opera House and this comes

458
00:21:46,890 --> 00:21:45,100
from news calm day you Aziz who holiday

459
00:21:49,890 --> 00:21:46,900
in Bali and visitors to the Sydney Opera

460
00:21:52,470 --> 00:21:49,900
House are among hundreds urged to look

461
00:21:54,710 --> 00:21:52,480
out for measles symptoms after a young

462
00:21:57,570 --> 00:21:54,720
woman and baby contracted the disease

463
00:21:59,910 --> 00:21:57,580

the two new cases take the number of

464

00:22:02,460 --> 00:21:59,920

people infectious with the highly

465

00:22:04,920 --> 00:22:02,470

contagious disease in the state since

466

00:22:09,150 --> 00:22:04,930

Christmas to nineteen new South Wales

467

00:22:12,510 --> 00:22:09,160

health said yesterday now just to bring

468

00:22:15,810 --> 00:22:12,520

home how important this story is the

469

00:22:21,660 --> 00:22:15,820

World Health Organization in 2011

470

00:22:25,500 --> 00:22:21,670

estimated that 158 thousand deaths were

471

00:22:27,510 --> 00:22:25,510

caused by measles as of 2018

472

00:22:30,170 --> 00:22:27,520

measles remains a leading cause of

473

00:22:32,850 --> 00:22:30,180

vaccine preventable deaths in the world

474

00:22:34,740 --> 00:22:32,860

so this is a far cry from what people

475

00:22:37,500 --> 00:22:34,750

like Stephanie Messenger would have us

476
00:22:39,630 --> 00:22:37,510
believe that measles is a wonderful gift

477
00:22:42,300 --> 00:22:39,640
from nature and your children can

478
00:22:46,500 --> 00:22:42,310
happily contract it and go dancing in

479
00:22:49,950 --> 00:22:46,510
the garden with butterflies another book

480
00:22:53,790 --> 00:22:49,960
by Stephanie Messinger is Sarah visits a

481
00:22:56,130 --> 00:22:53,800
naturopath and from her own website

482
00:22:57,990 --> 00:22:56,140
Sarah visits the naturopath a children's

483
00:23:00,150 --> 00:22:58,000
story book written by Stephanie

484
00:23:03,570 --> 00:23:00,160
Messinger this book exposes children

485
00:23:05,940 --> 00:23:03,580
aged 4 to 10 to the idea that they

486
00:23:09,000 --> 00:23:05,950
create most of their ill health by the

487
00:23:11,610 --> 00:23:09,010
choices they make it encourages them to

488
00:23:12,030 --> 00:23:11,620

listen to the messages their body gives

489

00:23:14,670 --> 00:23:12,040

them

490

00:23:17,760 --> 00:23:14,680

Sarah visits a naturopath to get advice

491

00:23:19,310 --> 00:23:17,770

on staying well according to nature's

492

00:23:21,800 --> 00:23:19,320

laws

493

00:23:25,070 --> 00:23:21,810

well Stephanie according to nature's

494

00:23:44,360 --> 00:23:25,080

laws a lot of children would simply die

495

00:23:46,490 --> 00:23:44,370

of vaccine-preventable diseases yeah I

496

00:23:48,110 --> 00:23:46,500

gotta say Bigfoot's BS but the

497

00:23:49,580 --> 00:23:48,120

chupacabra is totally the result of

498

00:23:52,220 --> 00:23:49,590

top-secret government genetic

499

00:23:54,050 --> 00:23:52,230

experiments on the remote island taking

500

00:23:55,910 --> 00:23:54,060

medical advice from mcguinnis Paltrow

501
00:23:58,100 --> 00:23:55,920
like steaming your lady parts and

502
00:24:00,710 --> 00:23:58,110
putting Jade eggs all up in there is a

503
00:24:02,660 --> 00:24:00,720
great way to improve your health police

504
00:24:05,660 --> 00:24:02,670
from around the world regularly use

505
00:24:07,580 --> 00:24:05,670
psychics to solve crimes they just don't

506
00:24:10,100 --> 00:24:07,590
talk about it spontaneous human

507
00:24:12,620 --> 00:24:10,110
combustion is for sure a real thing I've

508
00:24:15,610 --> 00:24:12,630
read all about it on the internet and I

509
00:24:17,690 --> 00:24:15,620
worry someday it's going to happen to me

510
00:24:20,060 --> 00:24:17,700
we all have friends and family who

511
00:24:22,070 --> 00:24:20,070
believe these things and much more well

512
00:24:23,900 --> 00:24:22,080
if you're a rational thinker who is

513
00:24:25,520 --> 00:24:23,910

tired of arguing on social media and

514

00:24:26,600 --> 00:24:25,530

never getting anywhere we have a

515

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

solution for you

516

00:24:31,070 --> 00:24:28,620

join the guerrilla skepticism on

517

00:24:33,500 --> 00:24:31,080

wikipedia team and we will teach you how

518

00:24:35,600 --> 00:24:33,510

to add reliable scientific and skeptical

519

00:24:36,770 --> 00:24:35,610

information to the world's number-one

520

00:24:39,380 --> 00:24:36,780

source of information

521

00:24:41,450 --> 00:24:39,390

Wikipedia we write new articles and

522

00:24:43,460 --> 00:24:41,460

improve existing ones we remove

523

00:24:45,950 --> 00:24:43,470

pseudoscience paranormal and altmed

524

00:24:48,170 --> 00:24:45,960

claims substituting the actual facts and

525

00:24:50,180 --> 00:24:48,180

we operate in many languages we've

526

00:24:52,670 --> 00:24:50,190

already reached tens of millions of

527

00:24:54,470 --> 00:24:52,680

people searching for information but as

528

00:24:58,130 --> 00:24:54,480

you can imagine we can never do enough

529

00:25:00,440 --> 00:24:58,140

so please join us all you need is a PC a

530

00:25:02,900 --> 00:25:00,450

Facebook account and the desire to help

531

00:25:04,550 --> 00:25:02,910

educate the planet in fact you'll be

532

00:25:09,280 --> 00:25:04,560

educating the world while you sleep

533

00:25:12,680 --> 00:25:09,290

contact us at t-- is w team at gmail.com

534

00:25:15,420 --> 00:25:12,690

guerrilla skepticism the time is now

535

00:25:18,100 --> 00:25:15,430

music by purple planet calm

536

00:25:52,750 --> 00:25:18,110

[Music]

537

00:25:54,909 --> 00:25:52,760

I see where it Millbrae and where it

538

00:25:56,470 --> 00:25:54,919

skeptics in the pub at an Irish pub we

539

00:25:58,900 --> 00:25:56,480

have a private room all to ourselves

540

00:26:00,490 --> 00:25:58,910

which is really good I like that we had

541

00:26:01,120 --> 00:26:00,500

the music turned off which I like even

542

00:26:03,190 --> 00:26:01,130

better

543

00:26:07,000 --> 00:26:03,200

and I'll just a quick introductions who

544

00:26:09,190 --> 00:26:07,010

do we have here Greg Dory and you are I

545

00:26:10,990 --> 00:26:09,200

am a former board member for Bay Area

546

00:26:14,080 --> 00:26:11,000

skeptics I'm now on the advisory

547

00:26:17,049 --> 00:26:14,090

committee for Bay Area skeptics okay I'm

548

00:26:20,950 --> 00:26:17,059

Steve de saucé key and I'm just here off

549

00:26:21,940 --> 00:26:20,960

the street just for the theater half the

550

00:26:24,250 --> 00:26:21,950

people here like that

551

00:26:25,810 --> 00:26:24,260

I'm Leonard Tramel and I'm actually on

552

00:26:28,960 --> 00:26:25,820

the board of the Center for enquiry

553

00:26:30,940 --> 00:26:28,970

oh I'm you know Augusta Company here so

554

00:26:32,500 --> 00:26:30,950

this is the mill race skeptics in the

555

00:26:37,259 --> 00:26:32,510

pub how long has this been going

556

00:26:42,389 --> 00:26:37,269

I started coming here in 2010 I believe

557

00:26:44,729 --> 00:26:42,399

I believe that started in 2009 so close

558

00:26:47,339 --> 00:26:44,739

to ten years okay and has it always been

559

00:26:48,930 --> 00:26:47,349

here in this pub yeah in this room which

560

00:26:52,139 --> 00:26:48,940

they've remodeled a couple times since

561

00:26:53,879 --> 00:26:52,149

we started coming here but yes and

562

00:26:57,989 --> 00:26:53,889

always at this pub Fiddler's Green in

563

00:26:59,489 --> 00:26:57,999

Millbrae a genuine Irish pub run by

564

00:27:01,560 --> 00:26:59,499

genuine Irish people because the guy who

565

00:27:03,599 --> 00:27:01,570

came into service will to give me my

566

00:27:05,690 --> 00:27:03,609

Guinness and quite a strong Irish accent

567

00:27:08,009 --> 00:27:05,700

he certainly did sound Irish to me and

568

00:27:11,039 --> 00:27:08,019

it's a nice little turn-up it's a cozy

569

00:27:11,729 --> 00:27:11,049

room here and for those folks listening

570

00:27:13,799 --> 00:27:11,739

around the world

571

00:27:17,459 --> 00:27:13,809

can you describe where Millbrae is

572

00:27:19,349 --> 00:27:17,469

exactly so Millbury is about 20 minutes

573

00:27:21,119 --> 00:27:19,359

south of San Francisco

574

00:27:26,099 --> 00:27:21,129

depending on how you depending on how

575

00:27:28,619 --> 00:27:26,109

you get there guess it's next to the

576

00:27:31,799 --> 00:27:28,629

ampulla yeah cross highway 101 from the

577

00:27:35,359 --> 00:27:31,809

airport from San Francisco Airport which

578

00:27:36,659 --> 00:27:35,369

puts us about a half hour north of

579

00:27:39,779 --> 00:27:36,669

Silicon Valley

580

00:27:41,940 --> 00:27:39,789

yes yeah I'm sure everybody's heard of

581

00:27:43,440 --> 00:27:41,950

Silicon Valley and you just tell us

582

00:27:46,619 --> 00:27:43,450

before you have an interesting history

583

00:27:48,589 --> 00:27:46,629

and one which involves me in a strange

584

00:27:51,779 --> 00:27:48,599

sort of way cos my very first computer

585

00:27:54,899 --> 00:27:51,789

and I bought in high school was a

586

00:27:57,169 --> 00:27:54,909

Commodore 64 and you have a some sort of

587

00:28:00,560 --> 00:27:57,179

passing familiarity where this could

588

00:28:03,259 --> 00:28:00,570

yeah you might you might say that so my

589

00:28:05,060 --> 00:28:03,269

father founded Commodore the company

590

00:28:07,519 --> 00:28:05,070

that made the Commodore 64 and I

591

00:28:09,829 --> 00:28:07,529

actually worked on the predecessor to

592

00:28:15,979 --> 00:28:09,839

its predecessor the original Commodore

593

00:28:18,019 --> 00:28:15,989

Pat was this guy and I a linked way back

594

00:28:19,729 --> 00:28:18,029

in history yes that was my first

595

00:28:21,379 --> 00:28:19,739

computer I learned basic on other

596

00:28:24,759 --> 00:28:21,389

computers but I learned basic on the

597

00:28:29,779 --> 00:28:24,769

Commodore 64's this is Ray me younger

598

00:28:31,489 --> 00:28:29,789

audience ago huh what I continue to be

599

00:28:34,659 --> 00:28:31,499

amazed at how many people have heard of

600

00:28:37,159 --> 00:28:34,669

Commodore 64's even the young folk

601
00:28:38,810 --> 00:28:37,169
usually it's because they saw one of the

602
00:28:42,529 --> 00:28:38,820
in the attic somewhere that their

603
00:28:45,709 --> 00:28:42,539
parents use but when you sell thirty

604
00:28:47,539 --> 00:28:45,719
million of them that means there must be

605
00:28:51,379 --> 00:28:47,549
a lot of them still around and still

606
00:28:53,359 --> 00:28:51,389
functioning presumably there are I know

607
00:28:56,749 --> 00:28:53,369
that there are an awful lot of people

608
00:28:59,239 --> 00:28:56,759
that use them as hobbyist machines there

609
00:29:02,899 --> 00:28:59,249
are still people writing software for

610
00:29:07,180 --> 00:29:02,909
the Commodore 64 in selling games which

611
00:29:12,079 --> 00:29:07,190
just shocks me so I actually had lunch

612
00:29:14,389 --> 00:29:12,089
last week with a magazine editor from

613
00:29:17,469 --> 00:29:14,399

Poland who wanted to interview me

614

00:29:20,749 --> 00:29:17,479

because of my association with Commodore

615

00:29:22,789 --> 00:29:20,759

it's really really quite remarkable well

616

00:29:27,349 --> 00:29:22,799

that was a remarkable machine it played

617

00:29:29,089 --> 00:29:27,359

great games wonderful games gaming

618

00:29:31,549 --> 00:29:29,099

machine a machine for games or whatever

619

00:29:34,219 --> 00:29:31,559

it was it was fantastic well we're just

620

00:29:36,649 --> 00:29:34,229

waiting for our various dinners to

621

00:29:38,389 --> 00:29:36,659

arrive and why we have our dinner we can

622

00:29:40,669 --> 00:29:38,399

all think about what the question should

623

00:29:42,259 --> 00:29:40,679

be because whenever I go to skeptics in

624

00:29:45,529 --> 00:29:42,269

the pub I like to ask publishes a

625

00:29:46,849 --> 00:29:45,539

skeptical question will he come some

626
00:29:50,239 --> 00:29:46,859
food at the moment I'll give it some

627
00:29:51,950 --> 00:29:50,249
thought and we'll come back yeah

628
00:29:54,289 --> 00:29:51,960
cognitive dissonance

629
00:29:56,450 --> 00:29:54,299
Gregg you come up you go the man you

630
00:29:59,060 --> 00:29:56,460
came up with tonight's question and the

631
00:30:01,549 --> 00:29:59,070
nights question is should you really

632
00:30:04,119 --> 00:30:01,559
argue if somebody who is wrong on the

633
00:30:08,509 --> 00:30:04,129
internet do I mean do you do this I have

634
00:30:11,810 --> 00:30:08,519
I think there's value not necessarily

635
00:30:13,249 --> 00:30:11,820
even making the attempt of changing the

636
00:30:15,190 --> 00:30:13,259
mind of the person that you're directly

637
00:30:18,799 --> 00:30:15,200
arguing with because sometimes that's

638
00:30:21,649 --> 00:30:18,809

that could be near impossible but

639

00:30:25,879 --> 00:30:21,659

there's value in presenting a solid

640

00:30:28,629 --> 00:30:25,889

argument to those who may be reading and

641

00:30:31,639 --> 00:30:28,639

watching this particular comment thread

642

00:30:34,279 --> 00:30:31,649

and maybe you're going to be educating a

643

00:30:36,799 --> 00:30:34,289

fence sitter somebody who hasn't made up

644

00:30:39,649 --> 00:30:36,809

their mind I like in a facebook site or

645

00:30:40,940 --> 00:30:39,659

something like her yeah and and I think

646

00:30:44,720 --> 00:30:40,950

it's important and you know in the

647

00:30:48,649 --> 00:30:44,730

context of something like this to really

648

00:30:51,889 --> 00:30:48,659

make an effort to argue with with the

649

00:30:54,950 --> 00:30:51,899

truth and clarity and you know use all

650

00:30:57,200 --> 00:30:54,960

those skeptical critical thinking tools

651
00:30:59,779 --> 00:30:57,210
that you've got in your toolkit so that

652
00:31:02,619 --> 00:30:59,789
you're not you're not feeding them with

653
00:31:04,909 --> 00:31:02,629
ammunition because you're making errors

654
00:31:06,950 --> 00:31:04,919
and you're also presenting your argument

655
00:31:11,419 --> 00:31:06,960
well way do you draw the line what do

656
00:31:14,749 --> 00:31:11,429
you say okay that's enough probably when

657
00:31:16,940 --> 00:31:14,759
you realize that the other person is a

658
00:31:19,369 --> 00:31:16,950
troll is essentially just trying to

659
00:31:21,320 --> 00:31:19,379
counter everything you're saying with

660
00:31:25,279 --> 00:31:21,330
some other argument whether or not that

661
00:31:27,320 --> 00:31:25,289
argument is as sensible or nonsense I've

662
00:31:30,230 --> 00:31:27,330
been in some conversations like that and

663
00:31:31,280 --> 00:31:30,240

at one point just realize this is going

664

00:31:35,390 --> 00:31:31,290

nowhere

665

00:31:37,820 --> 00:31:35,400

they're simply trying to you know to

666

00:31:40,370 --> 00:31:37,830

one-up me in our response no matter

667

00:31:44,450 --> 00:31:40,380

whether or not their response is

668

00:31:48,470 --> 00:31:44,460

accurate and at that point I just give

669

00:31:50,570 --> 00:31:48,480

up but hopefully along the way I've made

670

00:32:00,820 --> 00:31:50,580

some solid comments that will help other

671

00:32:08,690 --> 00:32:07,100

alright here's the next second do you

672

00:32:10,550 --> 00:32:08,700

think you should tell people when

673

00:32:12,050 --> 00:32:10,560

they're wrong on the Internet absolutely

674

00:32:16,430 --> 00:32:12,060

good answer

675

00:32:19,460 --> 00:32:16,440

short and sweet you haven't indulge

676

00:32:23,090 --> 00:32:19,470

yourself in this idea not in the last

677

00:32:25,220 --> 00:32:23,100

five minutes but that's only because

678

00:32:28,490 --> 00:32:25,230

I've been listening to you interview

679

00:32:30,770 --> 00:32:28,500

Greg I see so soon as you go home it's

680

00:32:32,000 --> 00:32:30,780

you're gonna get into it again well if

681

00:32:35,650 --> 00:32:32,010

there's a lone lull in the conversation

682

00:32:37,730 --> 00:32:35,660

here I may pull out my phone and do it

683

00:32:39,080 --> 00:32:37,740

so do you think you should tell people

684

00:32:41,930 --> 00:32:39,090

if they're wrong on the internet or do

685

00:32:44,870 --> 00:32:41,940

you engage in this mostly yes but

686

00:32:48,380 --> 00:32:44,880

usually it depends is the easy answer

687

00:32:49,850 --> 00:32:48,390

but generally speaking I prefer to ask

688

00:32:51,770 --> 00:32:49,860

people questions when they're wrong on

689

00:32:53,990 --> 00:32:51,780

the Internet okay so if someone's

690

00:32:55,580 --> 00:32:54,000

Socratic method the Socratic or Street

691

00:32:58,730 --> 00:32:55,590

epistemology plug plug Street

692

00:33:00,080 --> 00:32:58,740

epistemology okay so if somebody it

693

00:33:01,610 --> 00:33:00,090

depends on the situation of course but

694

00:33:03,500 --> 00:33:01,620

if somebody's really wrong and you have

695

00:33:06,380 --> 00:33:03,510

no chant you can just say they're wrong

696

00:33:07,970 --> 00:33:06,390

and get out quick time but if you really

697

00:33:10,340 --> 00:33:07,980

want if there's people listening and you

698

00:33:12,020 --> 00:33:10,350

really want to bring out the flaws and

699

00:33:14,810 --> 00:33:12,030

they're thinking and why they think with

700

00:33:17,240 --> 00:33:14,820

it maybe as opposed to the actual

701

00:33:20,180 --> 00:33:17,250

effects because the whole backfire

702

00:33:22,250 --> 00:33:20,190

effect and all that I think asking them

703

00:33:25,280 --> 00:33:22,260

questions about why they believe this

704

00:33:27,500 --> 00:33:25,290

wrong thing might be more productive yes

705

00:33:29,060 --> 00:33:27,510

good good reply good reply I'll come

706

00:33:30,830 --> 00:33:29,070

down to this end of the table deep in

707

00:33:32,480 --> 00:33:30,840

conversation now do you believe in

708

00:33:33,140 --> 00:33:32,490

arguing with people if they're wrong on

709

00:33:36,049 --> 00:33:33,150

the Internet

710

00:33:39,690 --> 00:33:36,059

don't get your hopes up but yes

711

00:33:42,539 --> 00:33:39,700

you've had success in this I'm not gonna

712

00:33:44,460 --> 00:33:42,549

say I've had success but if you can get

713

00:33:46,380 --> 00:33:44,470

someone to think you can never make I

714

00:33:49,259 --> 00:33:46,390

don't think I think hoping that you're

715

00:33:52,710 --> 00:33:49,269

going to make a turnaround on your

716

00:33:54,600 --> 00:33:52,720

efforts alone is is not folly but you're

717

00:33:57,210 --> 00:33:54,610

getting your hopes too high but you can

718

00:33:59,100 --> 00:33:57,220

plant the seed of doubt and somebody

719

00:34:00,779 --> 00:33:59,110

else later on and so it's it's an

720

00:34:03,870 --> 00:34:00,789

incremental thing that you have to work

721

00:34:06,750 --> 00:34:03,880

with people and try and get it my

722

00:34:08,220 --> 00:34:06,760

arguing alone I would like any

723

00:34:11,639 --> 00:34:08,230

politician agreed with me a hundred

724

00:34:12,869 --> 00:34:11,649

percent there's a problem right and and

725

00:34:17,339 --> 00:34:12,879

the same thing we're trying to convince

726

00:34:19,980 --> 00:34:17,349

somebody that they're wrong is my word

727

00:34:21,389 --> 00:34:19,990

alone should not be enough for that it

728

00:34:23,909 --> 00:34:21,399

should be a cumulative thing they should

729

00:34:25,349 --> 00:34:23,919

be respecting and hearing from a lot of

730

00:34:27,810 --> 00:34:25,359

different sources to make that count

731

00:34:30,510 --> 00:34:27,820

it's a very interesting answer I'll come

732

00:34:33,329 --> 00:34:30,520

around to you um I will sometimes look

733

00:34:35,960 --> 00:34:33,339

up things on Snopes as corrections to

734

00:34:39,480 --> 00:34:35,970

something they roasted but if it's my

735

00:34:40,800 --> 00:34:39,490

relatives who are proudly uneducated and

736

00:34:43,230 --> 00:34:40,810

I've known this about them my whole life

737

00:34:45,839 --> 00:34:43,240

in a certain part of the country they

738

00:34:48,180 --> 00:34:45,849

will just respond with oh well what do

739

00:34:49,770 --> 00:34:48,190

you know or one particular one will just

740

00:34:51,180 --> 00:34:49,780

say oh well I just posted that because I

741

00:34:54,419 --> 00:34:51,190

knew you would think it was interesting

742

00:34:55,050 --> 00:34:54,429

and they totally discount anything that

743

00:34:57,630 --> 00:34:55,060

I've given them

744

00:35:00,780 --> 00:34:57,640

I don't you it depends on the individual

745

00:35:04,079 --> 00:35:00,790

and I would say most of the time I just

746

00:35:07,250 --> 00:35:04,089

try too much get out of the conversation

747

00:35:10,200 --> 00:35:07,260

it's just because I don't find a lot of

748

00:35:12,210 --> 00:35:10,210

value to it I understand his point of

749

00:35:14,130 --> 00:35:12,220

view that it's incremental people only

750

00:35:17,240 --> 00:35:14,140

change incrementally you're not gonna

751
00:35:20,460 --> 00:35:17,250
totally change somebody from no to yes

752
00:35:25,079 --> 00:35:20,470
so he is right he's just more patient

753
00:35:28,800 --> 00:35:25,089
than I am I used to teach and I did not

754
00:35:30,570 --> 00:35:28,810
enjoy teaching okay because there's that

755
00:35:33,859 --> 00:35:30,580
thing when when somebody will say

756
00:35:35,660 --> 00:35:33,869
something outrageous and in it's like a

757
00:35:37,759 --> 00:35:35,670
mistake

758
00:35:39,559 --> 00:35:37,769
what do we call it an earworm say

759
00:35:41,359 --> 00:35:39,569
something yes borrowing into your head

760
00:35:43,370 --> 00:35:41,369
say you know I have to tell them they're

761
00:35:45,559 --> 00:35:43,380
wrong look you're wrong you know yes

762
00:35:48,680 --> 00:35:45,569
yeah that's exactly right I there's the

763
00:35:51,019 --> 00:35:48,690

urge to do it yeah like I said looking

764

00:35:54,019 --> 00:35:51,029

it up on the site that seems that is

765

00:35:56,989 --> 00:35:54,029

reputable via Noland and sending them

766

00:35:58,700 --> 00:35:56,999

that information but I know the people

767

00:36:01,009 --> 00:35:58,710

I'm dealing with are probably going to

768

00:36:03,890 --> 00:36:01,019

read it they're the same ones you can

769

00:36:06,319 --> 00:36:03,900

used to call contact me Oh as cousin

770

00:36:08,299 --> 00:36:06,329

sandy she has the information you need

771

00:36:10,370 --> 00:36:08,309

on the family research because she likes

772

00:36:12,410 --> 00:36:10,380

to read she's been like that since she

773

00:36:14,479 --> 00:36:12,420

was a kid so that's sort of the thing

774

00:36:17,739 --> 00:36:14,489

you know they've always been this way

775

00:36:20,029 --> 00:36:17,749

these particular people that I think

776

00:36:23,210 --> 00:36:20,039

well yeah I think you've gotten more

777

00:36:25,160 --> 00:36:23,220

restraint than I do you know you know

778

00:36:26,779 --> 00:36:25,170

when it's family what are you gonna do

779

00:36:28,819 --> 00:36:26,789

what are you going to do very good point

780

00:36:29,989 --> 00:36:28,829

thank you very much now we just come

781

00:36:31,549 --> 00:36:29,999

back here because you saying you have a

782

00:36:33,979 --> 00:36:31,559

lose it a weekly newsletter

783

00:36:35,420 --> 00:36:33,989

and so it's called the science moves and

784

00:36:37,849 --> 00:36:35,430

we list public informal science

785

00:36:40,220 --> 00:36:37,859

presentations all over the Bay Area and

786

00:36:42,289 --> 00:36:40,230

and then we do an editorial with it that

787

00:36:44,720 --> 00:36:42,299

goes out each week as well and the Bay

788

00:36:47,120 --> 00:36:44,730

Area is such a wealth of information for

789

00:36:49,069 --> 00:36:47,130

it's mind bottling and so right now

790

00:36:50,630 --> 00:36:49,079

we're listening about a hundred about a

791

00:36:51,470 --> 00:36:50,640

hundred events for every two week period

792

00:36:54,979 --> 00:36:51,480

okay

793

00:36:57,559 --> 00:36:54,989

and so but when I do an editorial and go

794

00:37:01,849 --> 00:36:57,569

after the anti-vaccination crowd every

795

00:37:03,229 --> 00:37:01,859

time I get one flaming email Wow and

796

00:37:04,670 --> 00:37:03,239

it's interesting because it's only one

797

00:37:08,539 --> 00:37:04,680

it's never the same person it's always

798

00:37:11,450 --> 00:37:08,549

slightly different but it is a hot

799

00:37:12,979 --> 00:37:11,460

button in so many ways for us yeah and

800

00:37:14,599 --> 00:37:12,989

stuff and so the other guys are right

801
00:37:15,839 --> 00:37:14,609
who won who I think you know David

802
00:37:18,510 --> 00:37:15,849
almond Smith

803
00:37:20,040 --> 00:37:18,520
he writes for it as well and so he can

804
00:37:24,000 --> 00:37:20,050
do it and he never gets anything but I

805
00:37:27,210 --> 00:37:24,010
write it's just like you know of you're

806
00:37:28,530 --> 00:37:27,220
a pawn of fart Big Pharma ride and and

807
00:37:30,960 --> 00:37:28,540
you have no right to call yourself a

808
00:37:33,359 --> 00:37:30,970
scientist which I am NOT a scientist and

809
00:37:35,010 --> 00:37:33,369
I point that out but um but it's

810
00:37:39,450 --> 00:37:35,020
interesting that anti the anti

811
00:37:43,049 --> 00:37:39,460
vaccination issues race so much you know

812
00:37:44,790 --> 00:37:43,059
on emotion they do it really is a

813
00:37:46,859 --> 00:37:44,800

mind-boggling thing I've had because I

814

00:37:50,130 --> 00:37:46,869

had some people there's a homeschooling

815

00:37:52,440 --> 00:37:50,140

group down near Santa Cruz and two of

816

00:37:53,880 --> 00:37:52,450

the mothers there are being confronted

817

00:37:56,760 --> 00:37:53,890

by everybody else in the homeschooling

818

00:37:59,430 --> 00:37:56,770

group who are anti-vaxxers and these two

819

00:38:01,770 --> 00:37:59,440

women are saying we need help how do we

820

00:38:03,630 --> 00:38:01,780

make these arguments and so forth I've

821

00:38:05,250 --> 00:38:03,640

engaged with Cheney Scott on getting her

822

00:38:08,069 --> 00:38:05,260

some input and stuff on it as well so

823

00:38:10,829 --> 00:38:08,079

but yeah an interesting an interesting

824

00:38:12,420 --> 00:38:10,839

story okay thank you very much okay now

825

00:38:16,109 --> 00:38:12,430

how can people find out more about

826

00:38:19,349 --> 00:38:16,119

Millbrae skeptics in the pub you can

827

00:38:22,920 --> 00:38:19,359

find the Bay Area skeptics Facebook

828

00:38:25,680 --> 00:38:22,930

group on Facebook yeah go to be a

829

00:38:29,270 --> 00:38:25,690

skeptics org where we have an events

830

00:38:32,130 --> 00:38:29,280

list on the page this particular

831

00:38:34,339 --> 00:38:32,140

skeptics in the pub meetup is the fourth

832

00:38:37,109 --> 00:38:34,349

Wednesday that every month at this

833

00:38:40,530 --> 00:38:37,119

location Fiddler's Green in Millbrae and

834

00:38:42,450 --> 00:38:40,540

the second Thursday of every month in

835

00:38:43,710 --> 00:38:42,460

Berkeley at--look de la pena cultural

836

00:38:45,630 --> 00:38:43,720

center

837

00:38:49,200 --> 00:38:45,640

there is a skeptic which is a

838

00:38:52,620 --> 00:38:49,210

presentation by some notable skeptic or

839

00:38:54,540 --> 00:38:52,630

scientist about a topic related to

840

00:38:55,920 --> 00:38:54,550

skepticism or science you should know

841

00:39:00,210 --> 00:38:55,930

this because you were at the last one

842

00:39:04,380 --> 00:39:00,220

you spoke that happens every month and

843

00:39:07,859 --> 00:39:04,390

then in the summer it'll be in June this

844

00:39:12,480 --> 00:39:07,869

year use skeptic al yeah and you can

845

00:39:13,859 --> 00:39:12,490

find that at skeptic al con-com I find

846

00:39:17,970 --> 00:39:13,869

out all the information in buy tickets

847

00:39:21,500 --> 00:39:17,980

that's a one day long skeptic conference

848

00:39:23,940 --> 00:39:21,510

that runs about ten hours or so with

849

00:39:26,849 --> 00:39:23,950

five six seven

850

00:39:29,069 --> 00:39:26,859

very interesting speakers yep yeah I was

851
00:39:31,200 --> 00:39:29,079
there last year had a wonderful time and

852
00:39:32,670 --> 00:39:31,210
folks I can recommend Millbrae skeptics

853
00:39:35,040 --> 00:39:32,680
in the pub we got a private room the

854
00:39:37,050 --> 00:39:35,050
food was great my goodness me I thought

855
00:39:39,089 --> 00:39:37,060
I ordered somewhat a small amount of

856
00:39:47,940 --> 00:39:39,099
spicy chicken wings I could barely get

857
00:39:50,940 --> 00:39:47,950
through the size shoes yes look at the

858
00:39:54,900 --> 00:39:50,950
size shoes on Google that's herb masters

859
00:39:56,280 --> 00:39:54,910
the Bay Area Science org herb masters is

860
00:39:58,380 --> 00:39:56,290
heavily involved with that herb is one

861
00:40:00,559 --> 00:39:58,390
of the other Board of Directors members

862
00:40:03,300 --> 00:40:00,569
for Bay Area skeptics and that's a great

863
00:40:05,970 --> 00:40:03,310

resource for what's currently going on

864

00:40:07,260 --> 00:40:05,980

in science okay folks again links will

865

00:40:08,880 --> 00:40:07,270

be in this week's show notes

866

00:40:14,550 --> 00:40:08,890

well we'll wrap it up from Millbrae

867

00:40:25,279 --> 00:40:22,240

[Music]

868

00:40:27,020 --> 00:40:25,289

hello listeners a maximum fun I want to

869

00:40:28,970 --> 00:40:27,030

tell you about our newest podcast that

870

00:40:30,529 --> 00:40:28,980

tells you all about the truth of the

871

00:40:31,789 --> 00:40:30,539

Flat Earth have you been looking out

872

00:40:32,720 --> 00:40:31,799

over the horizon and you've been

873

00:40:35,029 --> 00:40:32,730

thinking wait a minute

874

00:40:37,670 --> 00:40:35,039

this doesn't look round I've been lied

875

00:40:42,680 --> 00:40:37,680

to my whole life what is NASA doing with

876

00:40:45,829 --> 00:40:42,690

52 million dollars a day oh come on we

877

00:40:47,839 --> 00:40:45,839

explode the myths just kidding

878

00:40:49,970 --> 00:40:47,849

we're a ho no Ross and Carrie and we

879

00:40:52,130 --> 00:40:49,980

investigate extraordinary claims that's

880

00:40:54,529 --> 00:40:52,140

right we investigate extraordinary

881

00:40:56,240 --> 00:40:54,539

claims firsthand we go undercover in

882

00:40:58,730 --> 00:40:56,250

fringe groups we get alternative

883

00:41:00,680 --> 00:40:58,740

medicine treatments and we hang out with

884

00:41:03,170 --> 00:41:00,690

people who have unusual beliefs like

885

00:41:05,480 --> 00:41:03,180

flat earthers 9/11 truthers we do ghost

886

00:41:07,250 --> 00:41:05,490

investigations we've joined Scientology

887

00:41:10,130 --> 00:41:07,260

and we got baptized in the Mormon Church

888

00:41:13,549 --> 00:41:10,140

if it goes bump in the night then so do

889

00:41:18,260 --> 00:41:13,559

we hmm why don't you check out oh no

890

00:41:35,339 --> 00:41:33,180

[Music]

891

00:41:38,849 --> 00:41:35,349

now we continue our current series of

892

00:41:41,039 --> 00:41:38,859

reports items articles items of interest

893

00:41:43,950 --> 00:41:41,049

from the skeptic magazine the journal

894

00:41:54,420 --> 00:41:43,960

from Australian skeptics and we turn to

895

00:41:55,910 --> 00:41:54,430

vol 7 number 3 spring 1987 a story

896

00:41:59,640 --> 00:41:55,920

that's close to my heart

897

00:42:03,779 --> 00:41:59,650

psychics and the police separating fact

898

00:42:06,480 --> 00:42:03,789

from fiction now I don't see a byline so

899

00:42:09,450 --> 00:42:06,490

I suspect this was written by Barry

900

00:42:14,799 --> 00:42:09,460

Williams the then editor of the skeptic

901
00:42:20,279 --> 00:42:17,769
many self professed psychics claim to

902
00:42:23,380 --> 00:42:20,289
have assisted the police by providing

903
00:42:26,799 --> 00:42:23,390
insights into the whereabouts of missing

904
00:42:29,259 --> 00:42:26,809
persons finding evidence etc the

905
00:42:31,059 --> 00:42:29,269
newspaper headline quote psychic helps

906
00:42:33,909 --> 00:42:31,069
in the hunt for woman end quote

907
00:42:36,669 --> 00:42:33,919
his commonplace but rarely do we hear of

908
00:42:39,759 --> 00:42:36,679
any follow-up on how useful the psychics

909
00:42:42,339 --> 00:42:39,769
advice has been to police the newspaper

910
00:42:44,709 --> 00:42:42,349
heading above in fact appeared in a

911
00:42:46,989 --> 00:42:44,719
Sydney newspaper recently concerning the

912
00:42:49,359 --> 00:42:46,999
disappearance of a girl who had failed

913
00:42:52,659 --> 00:42:49,369

to turn up for an appointment with her

914

00:42:55,479 --> 00:42:52,669

quote psychic healer when quote the

915

00:42:58,209 --> 00:42:55,489

healer naturally upset at her nan

916

00:43:01,179 --> 00:42:58,219

appearance volunteered his help to the

917

00:43:03,069 --> 00:43:01,189

police the paper said he had contacted

918

00:43:05,679 --> 00:43:03,079

other psychic mediums throughout

919

00:43:08,649 --> 00:43:05,689

Australia in a bid to find her the paper

920

00:43:12,279 --> 00:43:08,659

did not say how the healer contacted the

921

00:43:15,669 --> 00:43:12,289

other mediums media surely nothing as

922

00:43:17,829 --> 00:43:15,679

mundane as a telephone as it turned out

923

00:43:21,459 --> 00:43:17,839

the young lady in question turned up

924

00:43:24,849 --> 00:43:21,469

safe and sound having had a mechanical

925

00:43:27,729 --> 00:43:24,859

breakdown on a trip to the snow but the

926

00:43:30,699 --> 00:43:27,739

memory left in most readers minds is

927

00:43:31,689 --> 00:43:30,709

that a psychic helped police with their

928

00:43:35,640 --> 00:43:31,699

investigations

929

00:43:38,979 --> 00:43:35,650

so psychics must be valid investigators

930

00:43:42,549 --> 00:43:38,989

many skeptical investigations of quote

931

00:43:44,829 --> 00:43:42,559

psychic detectives in quote have shown

932

00:43:47,289 --> 00:43:44,839

their claims to be unfounded famous

933

00:43:49,419 --> 00:43:47,299

names such as Gerard the Cosette and

934

00:43:52,620 --> 00:43:49,429

Doris Stokes spring to mind

935

00:43:56,140 --> 00:43:52,630

and now the colossal misses a date bar

936

00:43:57,969 --> 00:43:56,150

has thrown her hat into the ring by

937

00:44:00,309 --> 00:43:57,979

claiming to have assisted Dutch

938

00:44:02,859 --> 00:44:00,319

authorities although her claims have not

939

00:44:05,469 --> 00:44:02,869

been substantiated one way or the other

940

00:44:09,399 --> 00:44:05,479

due to lack of detailed information for

941

00:44:12,519 --> 00:44:09,409

a follow-up in fact police may use

942

00:44:14,529 --> 00:44:12,529

psychics advice on occasion much as they

943

00:44:16,769 --> 00:44:14,539

would use anyone's information

944

00:44:19,899 --> 00:44:16,779

especially if there are no strong leads

945

00:44:23,380 --> 00:44:19,909

but the police use of psychics is not

946

00:44:26,409 --> 00:44:23,390

always as enthusiastic as the psychics

947

00:44:27,710 --> 00:44:26,419

or the newspapers would lead one to

948

00:44:29,839 --> 00:44:27,720

believe

949

00:44:32,180 --> 00:44:29,849

the heading clairvoyance in search for

950

00:44:32,930 --> 00:44:32,190

missing boy which appeared in The Sunday

951
00:44:37,309 --> 00:44:32,940
Telegraph

952
00:44:39,920 --> 00:44:37,319
on June 30 1986 elicit the response from

953
00:44:42,920 --> 00:44:39,930
the police that their investigations are

954
00:44:44,839 --> 00:44:42,930
being hampered by people claiming to be

955
00:44:47,540 --> 00:44:44,849
clairvoyance and psychics the chief

956
00:44:49,849 --> 00:44:47,550
superintendent sat at the time we give

957
00:44:52,819 --> 00:44:49,859
no credibility at all

958
00:44:54,200 --> 00:44:52,829
to these people and we don't use them in

959
00:44:55,970 --> 00:44:54,210
our investigations

960
00:44:58,579 --> 00:44:55,980
more recently the South Australian

961
00:45:00,020 --> 00:44:58,589
skeptics has been in contact with the

962
00:45:03,050 --> 00:45:00,030
Commissioner of Police in South

963
00:45:07,040 --> 00:45:03,060

Australia instigated by another state's

964

00:45:09,829 --> 00:45:07,050

police use of psychic advice to find or

965

00:45:12,650 --> 00:45:09,839

not to find as it turned out a missing

966

00:45:16,520 --> 00:45:12,660

persons car South Australia state

967

00:45:18,740 --> 00:45:16,530

secretary and from this it means the

968

00:45:21,230 --> 00:45:18,750

state secretary of the Australian

969

00:45:23,359 --> 00:45:21,240

skeptics in South Australia Ron Evans

970

00:45:25,430 --> 00:45:23,369

wrote to the South Australian

971

00:45:27,440 --> 00:45:25,440

Commissioner most senior policemen would

972

00:45:30,470 --> 00:45:27,450

no doubt ignore messages from the tea

973

00:45:34,250 --> 00:45:30,480

cup however it concerns us that left

974

00:45:37,339 --> 00:45:34,260

unguided an officer perhaps lacking in

975

00:45:39,140 --> 00:45:37,349

experience or confidence might feel the

976

00:45:41,900 --> 00:45:39,150

need to pursue even the most

977

00:45:44,540 --> 00:45:41,910

preposterous lead for fear of criticism

978

00:45:47,030 --> 00:45:44,550

if he did not there are quite frequent

979

00:45:50,270 --> 00:45:47,040

reports in the popular press of some

980

00:45:52,160 --> 00:45:50,280

psychic or other having assisted police

981

00:45:54,589 --> 00:45:52,170

in an investigation

982

00:45:57,319 --> 00:45:54,599

the reports seldom mentioned which

983

00:46:00,589 --> 00:45:57,329

police force or which crime or what

984

00:46:02,450 --> 00:46:00,599

exactly the psychic achieved we have

985

00:46:06,050 --> 00:46:02,460

tried to follow up with some of these

986

00:46:08,990 --> 00:46:06,060

vague reports but we have yet to find

987

00:46:11,809 --> 00:46:09,000

even one instance where a psychic has

988

00:46:14,359 --> 00:46:11,819

actually helped the police even so the

989

00:46:17,859 --> 00:46:14,369

illusion persists with the public that

990

00:46:21,079 --> 00:46:17,869

from time to time the police are in fact

991

00:46:23,480 --> 00:46:21,089

assisted by psychics we are concerned

992

00:46:24,410 --> 00:46:23,490

that even some police may have this

993

00:46:26,960 --> 00:46:24,420

illusion

994

00:46:29,630 --> 00:46:26,970

mr. Evans went on to ask a number of

995

00:46:32,329 --> 00:46:29,640

questions of the Commissioner is there

996

00:46:36,710 --> 00:46:32,339

any police policy on the use of psychics

997

00:46:38,930 --> 00:46:36,720

and clairvoyance if so what is it what

998

00:46:40,550 --> 00:46:38,940

contact has the South Australian police

999

00:46:43,790 --> 00:46:40,560

had with psychics

1000

00:46:46,450 --> 00:46:43,800

and importantly is there any documented

1001
00:46:49,460 --> 00:46:46,460
instance where a psychic has materially

1002
00:46:53,150 --> 00:46:49,470
assisted the police in response from

1003
00:46:56,180 --> 00:46:53,160
assistant commissioner crime KPE Harvey

1004
00:46:59,420 --> 00:46:56,190
the South Australian skeptics learned

1005
00:47:02,150 --> 00:46:59,430
that there was no specific policy on the

1006
00:47:04,780 --> 00:47:02,160
use of psychics all evidence received is

1007
00:47:07,220 --> 00:47:04,790
assessed evaluated and acted upon

1008
00:47:11,020 --> 00:47:07,230
according to the circumstances of the

1009
00:47:13,940 --> 00:47:11,030
case however numerous individuals

1010
00:47:16,160 --> 00:47:13,950
describing themselves as psychics have

1011
00:47:17,600 --> 00:47:16,170
contacted investigators during major

1012
00:47:20,900 --> 00:47:17,610
criminal inquiries

1013
00:47:22,910 --> 00:47:20,910

none of these contacts have resulted in

1014

00:47:25,640 --> 00:47:22,920

bringing a case to a successful

1015

00:47:27,800 --> 00:47:25,650

conclusion so far as we can trace

1016

00:47:29,990 --> 00:47:27,810

through documentation the Australian

1017

00:47:32,890 --> 00:47:30,000

skeptics are keen to learn of any

1018

00:47:36,140 --> 00:47:32,900

investigation which has involved quote

1019

00:47:39,680 --> 00:47:36,150

assistance in quote from psychics

1020

00:47:43,460 --> 00:47:39,690

especially any in which a psychic played

1021

00:47:45,950 --> 00:47:43,470

an important and useful role separating

1022

00:47:48,020 --> 00:47:45,960

claims from fact is an important role

1023

00:47:50,930 --> 00:47:48,030

for skeptics and any assistance our

1024

00:47:53,050 --> 00:47:50,940

readers could give in this matter would

1025

00:47:54,320 --> 00:47:53,060

be most useful

1026

00:47:56,640 --> 00:47:54,330

[Music]

1027

00:48:00,960 --> 00:47:56,650

and that comes from the skeptic magazine

1028

00:48:04,230 --> 00:48:00,970

volume 7 number 3 from spring 1987 and

1029

00:48:06,480 --> 00:48:04,240

again and I believe that piece was

1030

00:48:08,550 --> 00:48:06,490

written by the then editor and president

1031

00:48:09,450 --> 00:48:08,560

of the skeptics Barry Williams the late

1032

00:48:12,660 --> 00:48:09,460

Barry Williams

1033

00:48:15,160 --> 00:48:12,670

[Music]

1034

00:48:19,870 --> 00:48:15,170

and I find this report particularly

1035

00:48:23,130 --> 00:48:19,880

interesting because I do talk myself

1036

00:48:27,550 --> 00:48:23,140

about so-called psychic detectives

1037

00:48:29,920 --> 00:48:27,560

including Jerrod Cosette who is you may

1038

00:48:32,710 --> 00:48:29,930

recall the psychic who was the psychic

1039

00:48:36,280 --> 00:48:32,720

involved in looking for the missing

1040

00:48:38,620 --> 00:48:36,290

Beaumont children way back in the 1960s

1041

00:48:42,220 --> 00:48:38,630

and just a reminder when I use the word

1042

00:48:45,040 --> 00:48:42,230

psychic it's a shortcut it's simply

1043

00:48:47,560 --> 00:48:45,050

quicker than saying alleged psychic or

1044

00:48:49,960 --> 00:48:47,570

so-called psychic or self-described

1045

00:48:52,330 --> 00:48:49,970

psychic or something like that

1046

00:48:54,360 --> 00:48:52,340

[Music]

1047

00:48:57,970 --> 00:48:54,370

and once again you can read that and

1048

00:49:01,810 --> 00:48:57,980

thousands thousands of reports articles

1049

00:49:05,020 --> 00:49:01,820

interviews items reviews book reviews

1050

00:49:07,330 --> 00:49:05,030

and on it goes in the pages of the

1051
00:49:13,960 --> 00:49:07,340
skeptical magazine for free at your

1052
00:49:18,190 --> 00:49:13,970
disposal by visiting WWF Dexcom a you

1053
00:49:21,370 --> 00:49:18,200
[Music]

1054
00:49:32,010 --> 00:49:21,380
[Laughter]

1055
00:49:37,540 --> 00:49:34,960
thank you for listening to the skeptic

1056
00:49:39,460 --> 00:49:37,550
zone now if you're going to be in Sydney

1057
00:49:42,280 --> 00:49:39,470
Australia on Thursday the 4th of April

1058
00:49:45,280 --> 00:49:42,290
it's Sydney skeptics in the pub at the

1059
00:49:50,680 --> 00:49:45,290
Occidental hotel which is just near

1060
00:49:52,930 --> 00:49:50,690
Wynyard station in downtown Sydney the

1061
00:49:56,140 --> 00:49:52,940
upcoming talk is by Carey Doherty and

1062
00:49:59,200 --> 00:49:56,150
it's about Australia's role in the

1063
00:50:02,109 --> 00:49:59,210

Apollo lunar program and the blurb says

1064

00:50:05,410 --> 00:50:02,119

the dish is a delightful Ozzie film

1065

00:50:08,950 --> 00:50:05,420

about Australia's role in the Apollo 11

1066

00:50:11,859 --> 00:50:08,960

lunar landing however while it is based

1067

00:50:14,950 --> 00:50:11,869

on a true story we have to remember that

1068

00:50:16,810 --> 00:50:14,960

it is only a movie his focus on the

1069

00:50:18,760 --> 00:50:16,820

crucial role played by the Parkes radio

1070

00:50:21,040 --> 00:50:18,770

telescope in bringing the live

1071

00:50:23,620 --> 00:50:21,050

television broadcast of the Apollo 11

1072

00:50:27,190 --> 00:50:23,630

lunar landings to the world leaves

1073

00:50:29,800 --> 00:50:27,200

untold the much larger role in the

1074

00:50:32,560 --> 00:50:29,810

Apollo program played by space trekking

1075

00:50:35,260 --> 00:50:32,570

facilities in Australia join space

1076
00:50:37,900 --> 00:50:35,270
historian Carey Doherty as she delves

1077
00:50:40,900 --> 00:50:37,910
and like that word delves into the

1078
00:50:43,359 --> 00:50:40,910
larger story behind the dish to find the

1079
00:50:45,970 --> 00:50:43,369
answers now that does sound like a great

1080
00:50:48,310 --> 00:50:45,980
night again that skeptics in the pub in

1081
00:50:51,099 --> 00:50:48,320
Sydney and that will be on the 4th of

1082
00:50:53,770 --> 00:50:51,109
April Thursday the 4th of April kicking

1083
00:50:57,030 --> 00:50:53,780
off around 6 p.m. and for more

1084
00:51:00,340 --> 00:50:57,040
information or to register your

1085
00:51:02,920 --> 00:51:00,350
attending just visit the links in this

1086
00:51:06,970 --> 00:51:02,930
week's show notes or look up sydney

1087
00:51:09,670 --> 00:51:06,980
skeptics in meetup now big thank you to

1088
00:51:11,590 --> 00:51:09,680

those people who kindly contribute to

1089

00:51:15,370 --> 00:51:11,600

the sceptic zone via patreon or PayPal

1090

00:51:18,460 --> 00:51:15,380

at skeptic zone TV your contribution

1091

00:51:21,250 --> 00:51:18,470

weekly monthly yearly not healy weekly

1092

00:51:24,720 --> 00:51:21,260

monthly or even one-off means the

1093

00:51:27,760 --> 00:51:24,730

skeptic zone can keep in production

1094

00:51:29,560 --> 00:51:27,770

coming up on next week's show I hope to

1095

00:51:32,950 --> 00:51:29,570

bring you an interview with another

1096

00:51:41,820 --> 00:51:32,960

staff member of the fabulous Center for

1097

00:51:49,740 --> 00:51:45,180

and oddly enough next week's program

1098

00:51:53,640 --> 00:51:49,750

will come out when I'm lost in the time

1099

00:51:57,120 --> 00:51:53,650

zones between today and the day after

1100

00:52:00,650 --> 00:51:57,130

tomorrow I'll be flying and I miss a day

1101

00:52:04,020 --> 00:52:00,660

I think I miss yes I in fact I will miss

1102

00:52:06,570 --> 00:52:04,030

Sunday the day in Australia the skeptic

1103

00:52:08,730 --> 00:52:06,580

zone normally comes out I won't have a

1104

00:52:11,400 --> 00:52:08,740

Sunday next week because of time zones

1105

00:52:17,290 --> 00:52:11,410

and flying I think I'm better start

1106

00:52:23,350 --> 00:52:21,220

but for this week I think this is

1107

00:52:32,350 --> 00:52:23,360

Richard Saunders signing off from the

1108

00:52:34,420 --> 00:52:32,360

San Francisco Bay Area you've been

1109

00:52:41,350 --> 00:52:34,430

listening to the skeptic zone podcast

1110

00:52:43,810 --> 00:52:41,360

please visit our website at wwlp.com tax

1111

00:52:47,860 --> 00:52:43,820

and to access the bat catalog of

1112

00:52:49,570 --> 00:52:47,870

episodes going back to 2008 you can

1113

00:52:52,630 --> 00:52:49,580

follow the skeptic zone podcast on

1114

00:52:54,910 --> 00:52:52,640

twitter at skeptic zone visit our

1115

00:52:55,800 --> 00:52:54,920

facebook page or leave a review on

1116

00:52:58,480 --> 00:52:55,810

itunes

1117

00:53:01,870 --> 00:52:58,490

you can also support the skeptic zone

1118

00:53:05,260 --> 00:53:01,880

via patreon or paypal the skeptic zone

1119

00:53:06,970 --> 00:53:05,270

podcast is an independent production the

1120

00:53:09,100 --> 00:53:06,980

views and opinions expressed on the

1121

00:53:11,440 --> 00:53:09,110

skeptic zone are not necessarily those

1122

00:53:13,230 --> 00:53:11,450

of Australian skeptics or any other