

**The Skeptic Zone**  
**Show 344- 23 May 2015**



**Derek Colanduno**

1  
00:00:22,060 --> 00:00:09,100  
welcome to the skeptic zone the podcast

2  
00:00:29,630 --> 00:00:24,650  
hello and welcome to the skeptic zone

3  
00:00:31,940 --> 00:00:29,640  
episode number 344 for the 23rd of may

4  
00:00:33,590 --> 00:00:31,950  
2015 Richard Saunders here with you from

5  
00:00:36,229 --> 00:00:33,600  
Sydney Australia for those keen

6  
00:00:40,369 --> 00:00:36,239  
listeners you may have noticed last week

7  
00:00:42,950 --> 00:00:40,379  
I said it was episode number 333 that

8  
00:00:45,890 --> 00:00:42,960  
was incorrect apologies if you're very

9  
00:00:47,240 --> 00:00:45,900  
confused now and you deleted episodes

10  
00:00:49,310 --> 00:00:47,250  
and downloaded things and thought

11  
00:00:54,560 --> 00:00:49,320  
thursday was saturday it was actually

12  
00:00:56,630 --> 00:00:54,570  
episode number 343 oh well coming up on

13  
00:00:59,209 --> 00:00:56,640

this week's show I catch up with a dear

14

00:01:03,500 --> 00:00:59,219

old friend of mine in the podcasting and

15

00:01:06,680 --> 00:01:03,510

skeptical realm Derek Colin do know from

16

00:01:09,170 --> 00:01:06,690

the skeptic ality podcast who just like

17

00:01:13,700 --> 00:01:09,180

the skeptics guide to the universe just

18

00:01:15,469 --> 00:01:13,710

celebrated 10 years of podcasting Wow 10

19

00:01:18,499 --> 00:01:15,479

years of podcasting the skeptic zone is

20

00:01:20,029 --> 00:01:18,509

racking up bum seven I think this year

21

00:01:22,370 --> 00:01:20,039

seven or eight something like that so

22

00:01:24,050 --> 00:01:22,380

hats off to Derek Colin dunno and swoop

23

00:01:26,270 --> 00:01:24,060

Ian skeptic ality hats off to the

24

00:01:27,590 --> 00:01:26,280

skeptics guide to the universe Derek's

25

00:01:29,990 --> 00:01:27,600

going to be chatting to us about what

26

00:01:33,859 --> 00:01:30,000

it's like to carry on a podcast for 10

27

00:01:36,859 --> 00:01:33,869

years and some of his insights about the

28

00:01:39,770 --> 00:01:36,869

craziness of drag and gone in atlanta

29

00:01:41,390 --> 00:01:39,780

georgia the big pop culture festival

30

00:01:44,240 --> 00:01:41,400

where of course there is a very strong

31

00:01:45,620 --> 00:01:44,250

skeptical presence each year following

32

00:01:47,359 --> 00:01:45,630

that it's a week in science from the

33

00:01:49,399 --> 00:01:47,369

Royal Institution of Australia in the

34

00:01:54,609 --> 00:01:49,409

beautiful city of Adelaide where you can

35

00:01:59,050 --> 00:01:54,619

get the most incredible chicken dish

36

00:02:00,889 --> 00:01:59,060

peppercorn chicken wow that tastes good

37

00:02:03,560 --> 00:02:00,899

apparently could remember the name of

38

00:02:07,340 --> 00:02:03,570

that restaurant listeners might know

39  
00:02:08,449 --> 00:02:07,350  
peppercorn chicken in Adelaide haha what

40  
00:02:10,219 --> 00:02:08,459  
was I saying oh yes the Royal

41  
00:02:12,860 --> 00:02:10,229  
Institution of Australia with a weakened

42  
00:02:14,509 --> 00:02:12,870  
science of course and then it's the raw

43  
00:02:16,490 --> 00:02:14,519  
skeptic report with our dear friend

44  
00:02:19,310 --> 00:02:16,500  
Heidi Robinson from the Northern Rivers

45  
00:02:22,460 --> 00:02:19,320  
vaccination supporters Heidi is going to

46  
00:02:26,390 --> 00:02:22,470  
be asking the big question should health

47  
00:02:29,449 --> 00:02:26,400  
care workers be vaccinated and she has a

48  
00:02:31,009 --> 00:02:29,459  
case study to report I do like Heidi's

49  
00:02:33,379 --> 00:02:31,019  
reports I think they're very well

50  
00:02:34,220 --> 00:02:33,389  
written and I like a presentation style

51  
00:02:36,470 --> 00:02:34,230  
too it's

52  
00:02:38,149 --> 00:02:36,480  
very easy to listen to well done Heidi

53  
00:02:40,729 --> 00:02:38,159  
looking forward to hearing your report

54  
00:02:43,460 --> 00:02:40,739  
and to round off the show it's Maynard

55  
00:02:46,130 --> 00:02:43,470  
spooky action may not speaks with Nick

56  
00:02:48,559 --> 00:02:46,140  
Hudson the author of the modern

57  
00:02:52,490 --> 00:02:48,569  
Australian usage a practical guide for

58  
00:02:55,220 --> 00:02:52,500  
writers and editors is this a skeptical

59  
00:02:57,020 --> 00:02:55,230  
topic not really it's straying a bit

60  
00:02:59,270 --> 00:02:57,030  
here folks I'm drawing a bit of a

61  
00:03:01,699 --> 00:02:59,280  
longbow with this interview but it's so

62  
00:03:03,890 --> 00:03:01,709  
interesting it's so interesting it's all

63  
00:03:05,720 --> 00:03:03,900

about what concerns us well especially

64

00:03:08,869 --> 00:03:05,730

on the skeptic zone is getting the

65

00:03:11,150 --> 00:03:08,879

message across how to best use language

66

00:03:12,880 --> 00:03:11,160

is our language changing is this a good

67

00:03:15,349 --> 00:03:12,890

thing or is this a bad thing is

68

00:03:18,259 --> 00:03:15,359

discrimination a good word or a bad word

69

00:03:20,539 --> 00:03:18,269

an interesting discussion an interesting

70

00:03:23,240 --> 00:03:20,549

interview may not has to round off the

71

00:03:25,849 --> 00:03:23,250

show I can I can be pretty sure you'll

72

00:03:26,990 --> 00:03:25,859

find this one worth listening to well

73

00:03:29,210 --> 00:03:27,000

that's enough for me at the moment I got

74

00:03:36,229 --> 00:03:29,220

to run downstairs go to the kitchen and

75

00:03:39,140 --> 00:03:36,239

get some hmm you know what on facebook

76

00:03:43,460 --> 00:03:39,150

for the facebook entry for this episode

77

00:03:44,960 --> 00:03:43,470

of the skeptics own Facebook page please

78

00:03:47,479 --> 00:03:44,970

tell me what you would like me to run

79

00:03:52,069 --> 00:03:47,489

down the kitchen and to have next week

80

00:03:54,319 --> 00:03:52,079

and I'll choose the one that appeals to

81

00:03:56,300 --> 00:03:54,329

me the most so if you haven't seen our

82

00:03:58,099 --> 00:03:56,310

Facebook page just i'll look for the

83

00:04:00,289 --> 00:03:58,109

skeptic zone on facebook skeptics own

84

00:04:02,870 --> 00:04:00,299

podcast or go to skeptics own TV and

85

00:04:05,120 --> 00:04:02,880

click the facebook link and you can see

86

00:04:06,710 --> 00:04:05,130

our page and if you have a comment to

87

00:04:09,259 --> 00:04:06,720

make about the show that's the place to

88

00:04:13,099 --> 00:04:09,269

make it however today I will run down

89

00:04:16,430 --> 00:04:13,109

and get some some lovely steamed rice

90

00:04:18,620 --> 00:04:16,440

with a little bit of satay sauce yeah

91

00:04:44,290 --> 00:04:18,630

why not well I'm enjoying that I hope

92

00:04:49,610 --> 00:04:47,060

joining me now all the way from Atlanta

93

00:04:51,050 --> 00:04:49,620

Atlanta Georgia I'd like to go and visit

94

00:04:54,140 --> 00:04:51,060

atlanta I haven't done that for a while

95

00:04:56,480 --> 00:04:54,150

it's derek Colin dunno hello Derek yeah

96

00:04:59,390 --> 00:04:56,490

so you're coming this year oh I wish I

97

00:05:01,430 --> 00:04:59,400

could I'd to dragoncon you mean which

98

00:05:03,800 --> 00:05:01,440

way I hear that's going to be in

99

00:05:05,480 --> 00:05:03,810

September this year not August yeah the

100

00:05:09,170 --> 00:05:05,490

dr this year it's the first week of

101  
00:05:10,970 --> 00:05:09,180  
September well I went to dragoncon three

102  
00:05:14,420 --> 00:05:10,980  
years running I was sort of a bit lucky

103  
00:05:16,730 --> 00:05:14,430  
because I had favorable airfares due to

104  
00:05:18,920 --> 00:05:16,740  
a new player in the Australian market

105  
00:05:20,960 --> 00:05:18,930  
now offering some good deal so sort of

106  
00:05:23,300 --> 00:05:20,970  
able to get away with that haven't been

107  
00:05:25,820 --> 00:05:23,310  
GIM when was the last time i was there i

108  
00:05:30,790 --> 00:05:25,830  
think around two thousand and nine or

109  
00:05:33,590 --> 00:05:30,800  
nine nine nine or ten dragon con is it's

110  
00:05:37,190 --> 00:05:33,600  
indescribable you have to go and see

111  
00:05:40,430 --> 00:05:37,200  
this bizarre crazy event and the number

112  
00:05:42,320 --> 00:05:40,440  
of people nor the craziness yeah retro

113  
00:05:45,590 --> 00:05:42,330

dish to see it now it's grown almost

114

00:05:48,110 --> 00:05:45,600

doubles and flattery here and that's I I

115

00:05:50,510 --> 00:05:48,120

can't I can't even imagine that if

116

00:05:54,410 --> 00:05:50,520

listeners one to find out more about

117

00:05:56,420 --> 00:05:54,420

Dragon Con I guess yet they could Google

118

00:05:58,730 --> 00:05:56,430

Dragon Con and skeptics own because we

119

00:06:01,010 --> 00:05:58,740

report it from the dragon confident

120

00:06:04,070 --> 00:06:01,020

those three actually you did your very

121

00:06:07,760 --> 00:06:04,080

first episode recording a skeptic zone

122

00:06:10,490 --> 00:06:07,770

at rank on we did indeed 2008 the first

123

00:06:12,950 --> 00:06:10,500

episode was alive partly live recording

124

00:06:14,600 --> 00:06:12,960

at dragoncon that's where we kicked off

125

00:06:17,210 --> 00:06:14,610

and that's where we had our 100th

126  
00:06:21,140 --> 00:06:17,220  
episode to a couple of years later I do

127  
00:06:22,520 --> 00:06:21,150  
miss it for those people who wondering

128  
00:06:24,350 --> 00:06:22,530  
what we're talking about this is a giant

129  
00:06:27,140 --> 00:06:24,360  
sort of fantasy science fiction pop

130  
00:06:30,410 --> 00:06:27,150  
culture festival stars from all around

131  
00:06:33,830 --> 00:06:30,420  
the world jet in for this thing but for

132  
00:06:37,420 --> 00:06:33,840  
me of course and for you what makes

133  
00:06:40,250 --> 00:06:37,430  
dragoncon so special is the skeptical

134  
00:06:43,730 --> 00:06:40,260  
outreach taking place there how did that

135  
00:06:45,950 --> 00:06:43,740  
all get started Derek well that started

136  
00:06:48,560 --> 00:06:45,960  
because I was really good friends with

137  
00:06:50,360 --> 00:06:48,570  
the guy in charge of the science track

138  
00:06:52,230 --> 00:06:50,370

we'll see let me back up a little bit

139

00:06:54,809 --> 00:06:52,240

drankin is

140

00:06:56,760 --> 00:06:54,819

a lot of people view it as a sci-fi

141

00:07:00,120 --> 00:06:56,770

fantasy convention and that's kind of

142

00:07:03,150 --> 00:07:00,130

how it started about 29 years ago but

143

00:07:06,529 --> 00:07:03,160

it's morphed into a mainly a pop culture

144

00:07:08,610 --> 00:07:06,539

convention so they have everything from

145

00:07:10,559 --> 00:07:08,620

science and space they have telescopes

146

00:07:12,960 --> 00:07:10,569

on the roof during drank on they got

147

00:07:15,839 --> 00:07:12,970

they have how to make your own clothes

148

00:07:18,150 --> 00:07:15,849

they have movies we've actually a few

149

00:07:21,450 --> 00:07:18,160

years ago the dark knight movie we did

150

00:07:24,570 --> 00:07:21,460

the premiere of that at dragoncon and so

151  
00:07:28,950 --> 00:07:24,580  
it is everything from movies to TV 2

152  
00:07:32,820 --> 00:07:28,960  
books to everything they have something

153  
00:07:35,700 --> 00:07:32,830  
for everybody and now it's taking over 5

154  
00:07:37,770 --> 00:07:35,710  
the large convention centers in Atlanta

155  
00:07:41,249 --> 00:07:37,780  
which is crazy and then they moved all

156  
00:07:43,200 --> 00:07:41,259  
of our vending to the second and third

157  
00:07:46,379 --> 00:07:43,210  
floor of the Markham art which is the

158  
00:07:48,689 --> 00:07:46,389  
largest indoor shopping mart in the

159  
00:07:50,939 --> 00:07:48,699  
world so there we have two floors of

160  
00:07:55,020 --> 00:07:50,949  
that this year we have 14 of it last

161  
00:07:58,350 --> 00:07:55,030  
year so yeah it keeps growing my step my

162  
00:08:00,749 --> 00:07:58,360  
skeptical track it started in two thousand

163  
00:08:02,490 --> 00:08:00,759

seven or eight I don't think of seven I

164

00:08:04,620 --> 00:08:02,500

think sieve and I think it was it was a

165

00:08:08,370 --> 00:08:04,630

already established at least a year

166

00:08:11,700 --> 00:08:08,380

before skeptics in to end up yeah and

167

00:08:14,339 --> 00:08:11,710

then uh so we keep growing now we've

168

00:08:16,409 --> 00:08:14,349

taken over one whole side of the hilton

169

00:08:19,230 --> 00:08:16,419

we have like that whole second floor

170

00:08:22,379 --> 00:08:19,240

hallway side yeah we've grown even more

171

00:08:24,480 --> 00:08:22,389

since last you were there Richard I

172

00:08:29,040 --> 00:08:24,490

think our room was half the size last

173

00:08:32,040 --> 00:08:29,050

time that you've been there and so yeah

174

00:08:35,370 --> 00:08:32,050

we get a bunch of big names and we do

175

00:08:37,409 --> 00:08:35,380

the big skeptic thing my stuff is all

176

00:08:40,079 --> 00:08:37,419

skeptic stuff that I run but then right

177

00:08:43,110 --> 00:08:40,089

across from my hallway the other side of

178

00:08:45,000 --> 00:08:43,120

the hallway is a science and then right

179

00:08:47,970 --> 00:08:45,010

up upstairs from that is space and they

180

00:08:50,670 --> 00:08:47,980

have like astronauts and everything I

181

00:08:52,949 --> 00:08:50,680

mean it's it's a pretty intense invent

182

00:08:54,690 --> 00:08:52,959

they have everything from complete whoo

183

00:08:58,889 --> 00:08:54,700

there's a service there's a supernatural

184

00:09:01,380 --> 00:08:58,899

track to to the skeptic track I mean

185

00:09:03,870 --> 00:09:01,390

there's everything like last year i

186

00:09:04,630 --> 00:09:03,880

think the official numbers was 68,000

187

00:09:06,640 --> 00:09:04,640

were

188

00:09:09,250 --> 00:09:06,650

ending about thirty or forty seven

189

00:09:10,750 --> 00:09:09,260

percent more than that now that's it's

190

00:09:14,350 --> 00:09:10,760

hard to imagine because when I was there

191

00:09:16,390 --> 00:09:14,360

for those years it was huge then and and

192

00:09:19,720 --> 00:09:16,400

what what what an amazing invent it is

193

00:09:23,110 --> 00:09:19,730

but I'm very pleased to know that the

194

00:09:26,170 --> 00:09:23,120

skeptic track well the skeptic track is

195

00:09:28,000 --> 00:09:26,180

still go here I mean I was there with

196

00:09:31,060 --> 00:09:28,010

people like James Randi and Phil played

197

00:09:33,670 --> 00:09:31,070

the bad astronomer Pamela gay was

198

00:09:35,800 --> 00:09:33,680

speaking there I think most of the time

199

00:09:39,730 --> 00:09:35,810

i was there a camera was also part of

200

00:09:42,070 --> 00:09:39,740

verse of a dragon con so it's it's a

201  
00:09:45,250 --> 00:09:42,080  
credit to your Derek that you're such an

202  
00:09:48,130 --> 00:09:45,260  
important part of that a huge annual

203  
00:09:50,200 --> 00:09:48,140  
event and listeners if you want to blow

204  
00:09:51,970 --> 00:09:50,210  
your mind I can recommend at least one

205  
00:09:54,610 --> 00:09:51,980  
visit to dragoncon it's sort of like Las

206  
00:09:56,770 --> 00:09:54,620  
Vegas it's something you need to do or

207  
00:10:00,160 --> 00:09:56,780  
need to see once in your life which is a

208  
00:10:01,600 --> 00:10:00,170  
Segway a sneaky segue to the amazing

209  
00:10:04,240 --> 00:10:01,610  
meeting because that's where i normally

210  
00:10:07,660 --> 00:10:04,250  
catch up with you each year that is

211  
00:10:10,210 --> 00:10:07,670  
amazing meeting in las vegas yeah I'm

212  
00:10:13,240 --> 00:10:10,220  
should be running a panel that you'll be

213  
00:10:15,700 --> 00:10:13,250

involved with it at amateur excellent oh

214

00:10:19,600 --> 00:10:15,710

I look forward to that because you and I

215

00:10:21,010 --> 00:10:19,610

a tad damn we usually have time to have

216

00:10:23,800 --> 00:10:21,020

a chat and catch up which is really

217

00:10:25,960 --> 00:10:23,810

really a always a pleasure to see you in

218

00:10:27,910 --> 00:10:25,970

fact I'm just trying to remember if the

219

00:10:30,970 --> 00:10:27,920

first time I met you in person was

220

00:10:33,250 --> 00:10:30,980

Dragon Con or the amazing meeting and

221

00:10:37,960 --> 00:10:33,260

that sort of been lost in the mists of

222

00:10:40,330 --> 00:10:37,970

time it was amazing meeting um it was I

223

00:10:44,950 --> 00:10:40,340

think was 2006 those amazing meeting

224

00:10:46,480 --> 00:10:44,960

meeting five you might be right but yeah

225

00:10:50,650 --> 00:10:46,490

you're younger than me you've probably

226

00:10:52,120 --> 00:10:50,660

got a better memory well i am the end up

227

00:10:55,540 --> 00:10:52,130

in the part of my brain that creates

228

00:10:57,790 --> 00:10:55,550

memories is gone yeah so I I have to do

229

00:10:59,950 --> 00:10:57,800

use tricks to do that so my memory is

230

00:11:01,690 --> 00:10:59,960

completely shot well let's talk about

231

00:11:04,720 --> 00:11:01,700

that for a moment because I think even

232

00:11:06,550 --> 00:11:04,730

before I met you uh and and when I was

233

00:11:09,580 --> 00:11:06,560

doing a show which was the pre runner to

234

00:11:11,440 --> 00:11:09,590

the skeptic zone over the care crap the

235

00:11:14,680 --> 00:11:11,450

tag yes you see your memory is better

236

00:11:18,100 --> 00:11:14,690

than mine um we were listening to two

237

00:11:20,050 --> 00:11:18,110

skeptically at the time and one day we

238

00:11:24,880 --> 00:11:20,060

to download the show and there was a

239

00:11:28,410 --> 00:11:24,890

very short message from swoopy um this

240

00:11:33,750 --> 00:11:28,420

is Hopi and this is one of the things

241

00:11:36,790 --> 00:11:33,760

that I really didn't want to do but I

242

00:11:39,940 --> 00:11:36,800

unfortunately have to just to let people

243

00:11:42,280 --> 00:11:39,950

know that skepticism isn't really

244

00:11:44,590 --> 00:11:42,290

going anywhere but we are going to be on

245

00:11:51,639 --> 00:11:44,600

a little bit of a hiatus for a little

246

00:11:54,759 --> 00:11:51,649

while Derek unfortunately he is in the

247

00:11:58,060 --> 00:11:54,769

hospital at this time he complained of a

248

00:12:00,220 --> 00:11:58,070

headache during dinner and then got

249

00:12:02,410 --> 00:12:00,230

physically sick and very quickly

250

00:12:05,380 --> 00:12:02,420

deteriorated but thankfully by that time

251  
00:12:11,620 --> 00:12:05,390  
he was nearly to the hospital where he

252  
00:12:13,829 --> 00:12:11,630  
was diagnosed with a VMA which loosely

253  
00:12:16,630 --> 00:12:13,839  
translated although not correct is

254  
00:12:19,960 --> 00:12:16,640  
somewhat like a brain aneurysm where he

255  
00:12:22,660 --> 00:12:19,970  
was bleeding into his brain he is in a

256  
00:12:24,490 --> 00:12:22,670  
coma right now but it is drug-induced as

257  
00:12:27,910 --> 00:12:24,500  
he is sedated and he is on a ventilator

258  
00:12:29,290 --> 00:12:27,920  
and he is in intensive care a short

259  
00:12:31,900 --> 00:12:29,300  
message from swoopy and it really

260  
00:12:34,780 --> 00:12:31,910  
surprised as for the benefit our

261  
00:12:37,620 --> 00:12:34,790  
listeners briefly Derek you had a quite

262  
00:12:42,340 --> 00:12:37,630  
a life-changing event some years ago

263  
00:12:46,389 --> 00:12:42,350

yeah was 2005 about a week after dragon

264

00:12:48,370 --> 00:12:46,399

can't believe or not and my I had an

265

00:12:51,490 --> 00:12:48,380

aneurysm in my brain which I didn't know

266

00:12:53,259 --> 00:12:51,500

about that uh exploded shortly after

267

00:12:55,509 --> 00:12:53,269

drying count of two thousand five it was

268

00:12:59,019 --> 00:12:55,519

actually it hadn't drank had nothing to

269

00:13:01,780 --> 00:12:59,029

do with it but it just actually it was

270

00:13:04,180 --> 00:13:01,790

just a genetic thing my genetic father

271

00:13:07,540 --> 00:13:04,190

he had the same exact thing happened the

272

00:13:09,880 --> 00:13:07,550

same exact part of his brain and his

273

00:13:12,130 --> 00:13:09,890

happened when he was one year older than

274

00:13:16,500 --> 00:13:12,140

me I happened to me when I was when I

275

00:13:20,560 --> 00:13:16,510

was 31 and happened to him and he was 32

276

00:13:22,329 --> 00:13:20,570

and he still can't walk or talk I just

277

00:13:24,069 --> 00:13:22,339

happened to be lucky enough to get

278

00:13:26,439 --> 00:13:24,079

treatment at Shepherd Center which is a

279

00:13:29,530 --> 00:13:26,449

world-renowned stroke and brain injury

280

00:13:31,870 --> 00:13:29,540

center so they got my voice back because

281

00:13:35,380 --> 00:13:31,880

I couldn't talk for almost two years

282

00:13:37,630 --> 00:13:35,390

I could but it was really bad and then

283

00:13:39,790 --> 00:13:37,640

my walking I got back pretty quick

284

00:13:42,640 --> 00:13:39,800

because I wouldn't deal with that I

285

00:13:43,540 --> 00:13:42,650

could walk but unless I told you you

286

00:13:45,340 --> 00:13:43,550

probably wouldn't notice that I have

287

00:13:47,230 --> 00:13:45,350

this weird gate to me because i have to

288

00:13:49,720 --> 00:13:47,240

like keep my balance i have to think

289

00:13:53,140 --> 00:13:49,730

about all the time but I that you know

290

00:13:55,750 --> 00:13:53,150

I'm so alive that's matters yeah I guess

291

00:13:59,310 --> 00:13:55,760

so it was a big shock to a big shock to

292

00:14:01,870 --> 00:13:59,320

everybody and we thought well you know

293

00:14:04,510 --> 00:14:01,880

thought the worst of feared the worst

294

00:14:06,280 --> 00:14:04,520

what would happen next but you came back

295

00:14:08,800 --> 00:14:06,290

and then that's a credit to you and

296

00:14:12,370 --> 00:14:08,810

let's talk about the fact that the

297

00:14:17,020 --> 00:14:12,380

skeptic ality now has a reached its

298

00:14:19,090 --> 00:14:17,030

10-year milestone wow it's it's it's

299

00:14:21,570 --> 00:14:19,100

what's the word we can look out we can

300

00:14:24,700 --> 00:14:21,580

steal James Randy's word it's amazing

301

00:14:27,850 --> 00:14:24,710

yeah it's been ten years that's weird my

302

00:14:29,950 --> 00:14:27,860

weedy recorded our live show 10th

303

00:14:32,560 --> 00:14:29,960

anniversary show actually in front of an

304

00:14:33,850 --> 00:14:32,570

audience here in downtown Atlanta at a

305

00:14:36,790 --> 00:14:33,860

place called manuals it's funny because

306

00:14:39,280 --> 00:14:36,800

when the fun part is is that the room I

307

00:14:41,470 --> 00:14:39,290

was doing my live show in two weeks

308

00:14:42,700 --> 00:14:41,480

before that President Obama happened be

309

00:14:45,820 --> 00:14:42,710

in Atlanta and that's where he did a

310

00:14:47,410 --> 00:14:45,830

presentation so I was like I don't think

311

00:14:52,360 --> 00:14:47,420

I filled the room quite as much as he

312

00:14:55,150 --> 00:14:52,370

did but we were pretty crowded but yeah

313

00:14:58,030 --> 00:14:55,160

so did its kind like a party / reply

314

00:15:00,070 --> 00:14:58,040

recording and it was a good time and it

315

00:15:02,740 --> 00:15:00,080

was almost 10 years to the day actually

316

00:15:04,060 --> 00:15:02,750

was just before that was actually 10

317

00:15:06,820 --> 00:15:04,070

years but you know we were pretty much

318

00:15:10,660 --> 00:15:06,830

almost to the day when we did the

319

00:15:13,300 --> 00:15:10,670

recording so was kind of fun and it's

320

00:15:15,100 --> 00:15:13,310

it's is how to describe to people I

321

00:15:16,720 --> 00:15:15,110

guess you and I sort of in the same boat

322

00:15:18,280 --> 00:15:16,730

enough friends at the skeptics guide to

323

00:15:21,700 --> 00:15:18,290

the universe who also just celebrated

324

00:15:26,140 --> 00:15:21,710

their ten years of yeah we me and me and

325

00:15:28,990 --> 00:15:26,150

Steve novela recorded an interview right

326

00:15:31,320 --> 00:15:29,000

before our death of every show for

327

00:15:33,970 --> 00:15:31,330

typicality can't the air dry before my

328

00:15:36,210 --> 00:15:33,980

10th anniversary show and we talked

329

00:15:38,980 --> 00:15:36,220

about this and we figured it out that

330

00:15:42,460 --> 00:15:38,990

skeptics guide came out about a week and

331

00:15:45,410 --> 00:15:42,470

a half after a skeptic ality and we

332

00:15:48,250 --> 00:15:45,420

didn't know about each other well it

333

00:15:52,700 --> 00:15:48,260

happened to come out that way well I

334

00:15:55,010 --> 00:15:52,710

must look into this one day I as just

335

00:15:59,690 --> 00:15:55,020

off the top of my head and as a guess I

336

00:16:01,910 --> 00:15:59,700

would probably say that the skeptic

337

00:16:03,290 --> 00:16:01,920

ality then followed by the skeptics

338

00:16:05,180 --> 00:16:03,300

guide to the universe then possibly

339

00:16:07,190 --> 00:16:05,190

followed by this show the skeptic so

340

00:16:09,590 --> 00:16:07,200

might be the three oldest skeptical

341

00:16:11,900 --> 00:16:09,600

podcasts I am just guessing now I'm

342

00:16:14,210 --> 00:16:11,910

think you might be right because I think

343

00:16:18,530 --> 00:16:14,220

because I think you're after I found

344

00:16:20,750 --> 00:16:18,540

about the skeptics of God universe they

345

00:16:23,060 --> 00:16:20,760

uh then I look for others and I think

346

00:16:26,000 --> 00:16:23,070

the only one that was out at that time

347

00:16:27,980 --> 00:16:26,010

was the tank well that's that's true

348

00:16:30,650 --> 00:16:27,990

that you're absolutely right because the

349

00:16:35,260 --> 00:16:30,660

tank was gee it's around about the same

350

00:16:38,360 --> 00:16:35,270

time but i guess the tank was a video

351  
00:16:40,430 --> 00:16:38,370  
show yeah it was a you know I tried to

352  
00:16:42,080 --> 00:16:40,440  
get it out once a week or it was very

353  
00:16:44,420 --> 00:16:42,090  
difficult being a video show but that

354  
00:16:46,040 --> 00:16:44,430  
killed me because it was I've been

355  
00:16:48,080 --> 00:16:46,050  
putting together an audio podcast every

356  
00:16:51,110 --> 00:16:48,090  
week folks is it's quite a task but

357  
00:16:54,860 --> 00:16:51,120  
imagine putting out regularly a video

358  
00:16:57,440 --> 00:16:54,870  
show with interviews and crosses and all

359  
00:17:00,500 --> 00:16:57,450  
that sort of thing in reports it was fun

360  
00:17:03,970 --> 00:17:00,510  
for a little while but it was ridiculous

361  
00:17:07,880 --> 00:17:03,980  
and I must say the main reason i

362  
00:17:10,490 --> 00:17:07,890  
switched to being back to being a audio

363  
00:17:12,140 --> 00:17:10,500

was I thought well people are which

364

00:17:14,030 --> 00:17:12,150

people doing right now listening to us

365

00:17:16,720 --> 00:17:14,040

people are driving their cars there on

366

00:17:18,950 --> 00:17:16,730

the train going to work their jogging

367

00:17:21,560 --> 00:17:18,960

it's a lot easier for these people to

368

00:17:23,320 --> 00:17:21,570

listen to a show than to and to see it

369

00:17:26,180 --> 00:17:23,330

but yeah I guess we've been we've been

370

00:17:28,520 --> 00:17:26,190

working beavering away for a long time

371

00:17:29,900 --> 00:17:28,530

now Derek yeah well I see I always

372

00:17:32,600 --> 00:17:29,910

thought about the same thing is that

373

00:17:35,170 --> 00:17:32,610

yeah you could do some video shows the

374

00:17:38,750 --> 00:17:35,180

thing is that most of the content thats

375

00:17:40,360 --> 00:17:38,760

related to what we talked about it

376

00:17:42,680 --> 00:17:40,370

doesn't really have much of an idio

377

00:17:45,740 --> 00:17:42,690

component and then to add the video to

378

00:17:47,840 --> 00:17:45,750

it you might have to pay me because

379

00:17:52,850 --> 00:17:47,850

editing video is completely different

380

00:17:54,770 --> 00:17:52,860

than editing audio yes and also like you

381

00:17:56,480 --> 00:17:54,780

said people can listen to this in their

382

00:17:57,860 --> 00:17:56,490

car and I know a lot of people do

383

00:17:59,210 --> 00:17:57,870

because I get emails all the time from

384

00:18:01,159 --> 00:17:59,220

people who say

385

00:18:03,560 --> 00:18:01,169

I wasn't do it in the car with my kid on

386

00:18:05,779 --> 00:18:03,570

the way to school or whatever so yeah

387

00:18:08,240 --> 00:18:05,789

and now they just announced that

388

00:18:11,419 --> 00:18:08,250

podcasts are now in Spotify and I know

389

00:18:13,610 --> 00:18:11,429

that Skippy County is one of the first

390

00:18:16,279 --> 00:18:13,620

ones that put in there so now if you

391

00:18:19,100 --> 00:18:16,289

have spotify and you does the music

392

00:18:21,950 --> 00:18:19,110

discovery it will discover podcast too

393

00:18:24,289 --> 00:18:21,960

so well that's the whole thing we want

394

00:18:26,690 --> 00:18:24,299

to make it easy for people to understand

395

00:18:28,610 --> 00:18:26,700

what we're trying to say and if it's

396

00:18:32,419 --> 00:18:28,620

easier for people to pop in a pair of

397

00:18:33,890 --> 00:18:32,429

headphones or turn on the the car system

398

00:18:36,350 --> 00:18:33,900

listen to us in the car well I think

399

00:18:37,580 --> 00:18:36,360

that's that's the way to go it and of

400

00:18:40,340 --> 00:18:37,590

course one of the people i do remember

401  
00:18:42,470 --> 00:18:40,350  
meeting many years ago and we were all

402  
00:18:44,480 --> 00:18:42,480  
sort of getting underway and things were

403  
00:18:47,899 --> 00:18:44,490  
sort of bubbling along with swoopy the

404  
00:18:49,549 --> 00:18:47,909  
wonderful swoopy your your co-host who

405  
00:18:51,830 --> 00:18:49,559  
was just a delight to meet in person

406  
00:18:55,190 --> 00:18:51,840  
yeah she actually came to the live

407  
00:18:56,899 --> 00:18:55,200  
recording at our 10th anniversary show

408  
00:18:59,270 --> 00:18:56,909  
so it was kind of nice to have her we

409  
00:19:01,220 --> 00:18:59,280  
did that fool shell with her which is

410  
00:19:03,049 --> 00:19:01,230  
hard for to do now because you know

411  
00:19:05,870 --> 00:19:03,059  
she's a medical school and she's also a

412  
00:19:07,669 --> 00:19:05,880  
double major so not only medical school

413  
00:19:09,500 --> 00:19:07,679

but two different metal of degrees she's

414

00:19:11,630 --> 00:19:09,510

going to school for at the same time and

415

00:19:15,409 --> 00:19:11,640

she's a full she goes to work full time

416

00:19:17,990 --> 00:19:15,419

so school full time and um it worked

417

00:19:21,350 --> 00:19:18,000

full time she has like no time at all at

418

00:19:23,419 --> 00:19:21,360

all so yeah I'm willin pleased that she

419

00:19:26,899 --> 00:19:23,429

was she was part of it I mean that was

420

00:19:28,730 --> 00:19:26,909

the the package from in the very

421

00:19:30,680 --> 00:19:28,740

beginning and you've got that wonderful

422

00:19:33,590 --> 00:19:30,690

cartoon of you two dressed like secret

423

00:19:36,350 --> 00:19:33,600

agents too yeah we actually the 10th

424

00:19:39,049 --> 00:19:36,360

anniversary show recording we actually

425

00:19:41,810 --> 00:19:39,059

unveiled our new logo which we use that

426  
00:19:44,299 --> 00:19:41,820  
logo week that we had from the beginning

427  
00:19:49,850 --> 00:19:44,309  
all the way until our 10th anniversary

428  
00:19:51,200 --> 00:19:49,860  
show so we finally changed our logo well

429  
00:19:53,899 --> 00:19:51,210  
it's something you have to do every 10

430  
00:19:55,490 --> 00:19:53,909  
years yeah yeah after 10 day 10 years

431  
00:19:59,770 --> 00:19:55,500  
ago you know changed up a little bit

432  
00:20:02,390 --> 00:19:59,780  
yeah I guess famously you a mentioned

433  
00:20:06,620 --> 00:20:02,400  
skeptical that he was mentioned by Apple

434  
00:20:09,560 --> 00:20:06,630  
yeah about three days before my aneurysm

435  
00:20:11,690 --> 00:20:09,570  
blue Steve Jobs had a picture of me and

436  
00:20:13,130 --> 00:20:11,700  
sweetly behind him when they announced

437  
00:20:15,680 --> 00:20:13,140  
podcasting because it

438  
00:20:17,690 --> 00:20:15,690

been in itunes for about three or four

439

00:20:19,490 --> 00:20:17,700

weeks or maybe a month or two before the

440

00:20:21,890 --> 00:20:19,500

actual key know where he talked about it

441

00:20:24,230 --> 00:20:21,900

and then when he had when he talked

442

00:20:27,740 --> 00:20:24,240

about the reporting of how popular the

443

00:20:29,690 --> 00:20:27,750

podcasting part of itunes has been he

444

00:20:31,550 --> 00:20:29,700

actually had the picture of us behind

445

00:20:35,120 --> 00:20:31,560

him because kept ducati was the number

446

00:20:37,670 --> 00:20:35,130

one podcast overall 40 two or three

447

00:20:39,680 --> 00:20:37,680

months at the beginning so Wow so like

448

00:20:41,390 --> 00:20:39,690

that there's jobs are talking about it

449

00:20:43,400 --> 00:20:41,400

and there's a picture of us behind him

450

00:20:45,230 --> 00:20:43,410

and then people so maybe your brain

451  
00:20:51,680 --> 00:20:45,240  
exploded because d.jives talked about

452  
00:20:54,710 --> 00:20:51,690  
you maybe it did in fact I remember

453  
00:20:56,180 --> 00:20:54,720  
after it's all sort of coming to get its

454  
00:20:57,890 --> 00:20:56,190  
gelling in my mind now because I

455  
00:20:59,810 --> 00:20:57,900  
remember after he during swoopy give

456  
00:21:02,720 --> 00:20:59,820  
that announcement on skeptic ality that

457  
00:21:06,260 --> 00:21:02,730  
and she was quite emotional about it the

458  
00:21:08,000 --> 00:21:06,270  
very next episode of the tank I think it

459  
00:21:11,120 --> 00:21:08,010  
was the tank I was doing at the time we

460  
00:21:12,650 --> 00:21:11,130  
we mentioned that and say so yes I it's

461  
00:21:15,350 --> 00:21:12,660  
it's interesting after all these years I

462  
00:21:16,850 --> 00:21:15,360  
can sort of Titan tie things in well

463  
00:21:20,330 --> 00:21:16,860

it's suffice it to say we both been

464

00:21:23,570 --> 00:21:20,340

doing this for far too long Gary I've

465

00:21:26,000 --> 00:21:23,580

been doing stuff audio related since i

466

00:21:29,690 --> 00:21:26,010

was in college so i actually was a DJ on

467

00:21:32,240 --> 00:21:29,700

a alt rock station in las vegas for a

468

00:21:34,700 --> 00:21:32,250

while so I've been behind a microphone

469

00:21:39,800 --> 00:21:34,710

since I was you know in my early

470

00:21:41,480 --> 00:21:39,810

twenties so I after 20 years so sunny 20

471

00:21:44,090 --> 00:21:41,490

years or so I don't know what I'm gonna

472

00:21:46,040 --> 00:21:44,100

stop I think that's the right attitude

473

00:21:47,510 --> 00:21:46,050

yeah we haven't been doing this for too

474

00:21:50,540 --> 00:21:47,520

long we haven't been doing it long

475

00:21:52,430 --> 00:21:50,550

enough Derek Colin dunno congratulations

476

00:21:54,920 --> 00:21:52,440

on 10 wonderful years of skeptic ality

477

00:21:57,320 --> 00:21:54,930

on onwards to the future and if there

478

00:22:00,080 --> 00:21:57,330

are some people out there who for some

479

00:22:02,600 --> 00:22:00,090

strange reason haven't heard skeptic

480

00:22:06,260 --> 00:22:02,610

ality where's the best place they can

481

00:22:07,940 --> 00:22:06,270

find out www at skeptic aldi dicom or

482

00:22:10,040 --> 00:22:07,950

where the official show of skeptic

483

00:22:12,580 --> 00:22:10,050

magazine Swift go to skeptic calm and go

484

00:22:14,930 --> 00:22:12,590

to their podcast section or right there

485

00:22:15,950 --> 00:22:14,940

you're right there Derek I'm glad you're

486

00:22:17,960 --> 00:22:15,960

right there I hope you're going to be

487

00:22:21,290 --> 00:22:17,970

right there for many years to come again

488

00:22:23,420 --> 00:22:21,300

once more hearty congratulations and I

489

00:22:26,360 --> 00:22:23,430

look forward to seeing you in person in

490

00:22:28,100 --> 00:22:26,370

oh not very very many weeks at the

491

00:22:30,140 --> 00:22:28,110

easy meeting I'm very cool hope

492

00:22:33,170 --> 00:22:30,150

hopefully we'll have time to do

493

00:22:38,180 --> 00:22:33,180

something other than talk about you know

494

00:22:39,920 --> 00:22:38,190

four minutes again but let's let's find

495

00:22:41,540 --> 00:22:39,930

some more time and we can oh I don't

496

00:22:46,880 --> 00:22:41,550

know I could even interview you again

497

00:22:57,140 --> 00:22:46,890

who knows yeah probably holy season

498

00:22:59,120 --> 00:22:57,150

Derek all right thank you hi there I'm

499

00:23:00,710 --> 00:22:59,130

Ross ball Trump Brisbane skeptics

500

00:23:04,010 --> 00:23:00,720

society and we are happy to announce

501  
00:23:07,340 --> 00:23:04,020  
brisbane skeptic camp 4 2015 on saturday

502  
00:23:09,140 --> 00:23:07,350  
july the 4th at hamilton town hall we

503  
00:23:11,810 --> 00:23:09,150  
have special international guests and

504  
00:23:14,210 --> 00:23:11,820  
author peter bogosian and the debut of

505  
00:23:16,570 --> 00:23:14,220  
the Brisbane skeptics society skeptic

506  
00:23:20,090 --> 00:23:16,580  
rabbit hole a fun panel show and comedy

507  
00:23:22,490 --> 00:23:20,100  
experience registration is free and you

508  
00:23:29,660 --> 00:23:22,500  
can do that at bris kepta camp gorg

509  
00:23:32,060 --> 00:23:29,670  
that's brisk f de Kamp org welcome to a

510  
00:23:34,340 --> 00:23:32,070  
week in science from our iOS bringing

511  
00:23:36,320 --> 00:23:34,350  
you the science you need to know we've

512  
00:23:38,570 --> 00:23:36,330  
all had to clear our ears wipe our eyes

513  
00:23:40,610 --> 00:23:38,580

and blow our noses so why do our faces

514

00:23:43,310 --> 00:23:40,620

sometimes feel like a conveyor belt of

515

00:23:46,310 --> 00:23:43,320

gunk and goo well it's thanks to cerumen

516

00:23:55,690 --> 00:23:46,320

count and NICUs that's earwax I sleep

517

00:24:01,010 --> 00:23:58,490

let's kick off with AO acts which isn't

518

00:24:03,620 --> 00:24:01,020

actually wax at all the glue / yellow

519

00:24:04,940 --> 00:24:03,630

secretion called cerumen catches dust

520

00:24:07,490 --> 00:24:04,950

and debris before it can reach the

521

00:24:09,530 --> 00:24:07,500

eardrum protects the skin and lubricate

522

00:24:11,330 --> 00:24:09,540

the ear thanks to earwax you don't

523

00:24:13,760 --> 00:24:11,340

actually have to clean out your ears as

524

00:24:16,130 --> 00:24:13,770

you wiggle your jaw you help move your

525

00:24:18,410 --> 00:24:16,140

ear wax from inside to out cleaning as

526

00:24:20,660 --> 00:24:18,420

it goes until it just falls out now

527

00:24:22,760 --> 00:24:20,670

imagine if your tears evaporated right

528

00:24:24,410 --> 00:24:22,770

out of your eyes not only would that be

529

00:24:26,570 --> 00:24:24,420

uncomfortable but you wouldn't even be

530

00:24:28,190 --> 00:24:26,580

able to see but you have I sleep to

531

00:24:30,710 --> 00:24:28,200

think that tears stay where they're

532

00:24:33,890 --> 00:24:30,720

supposed to be ground is a mixture of

533

00:24:35,690 --> 00:24:33,900

dust skin cells mucus and oil it's

534

00:24:38,180 --> 00:24:35,700

produced constantly but at night it

535

00:24:39,830 --> 00:24:38,190

accumulates and drives it removes dust

536

00:24:41,630 --> 00:24:39,840

helps your eyes still shut when you

537

00:24:45,530 --> 00:24:41,640

close them and stops your tears from

538

00:24:48,230 --> 00:24:45,540

falling out or evaporating and that

539

00:24:50,510 --> 00:24:48,240

brings us to snot also known as mucus

540

00:24:53,510 --> 00:24:50,520

it's a watery secretion high in proteins

541

00:24:55,130 --> 00:24:53,520

and protective enzymes mucus lubricates

542

00:24:57,650 --> 00:24:55,140

your nostrils and filters air as you

543

00:24:59,570 --> 00:24:57,660

breathe in it catches dust particles and

544

00:25:01,820 --> 00:24:59,580

microorganisms before they can enter the

545

00:25:04,040 --> 00:25:01,830

body to get rid of the nasty stuff the

546

00:25:05,900 --> 00:25:04,050

mucus is caught tiny little hairlike

547

00:25:08,390 --> 00:25:05,910

growths called cilia rock back and forth

548

00:25:10,160 --> 00:25:08,400

to push the mucus from the nostrils down

549

00:25:12,260 --> 00:25:10,170

the back of the throat once you swallow

550

00:25:14,090 --> 00:25:12,270

it the mucus is reabsorbed the dust

551

00:25:16,160 --> 00:25:14,100

passes through your system and any

552

00:25:18,140 --> 00:25:16,170

bacteria is killed by your stomach acid

553

00:25:19,940 --> 00:25:18,150

and of course sometimes you get rid of

554

00:25:22,100 --> 00:25:19,950

mucus by blowing it straight out of your

555

00:25:24,290 --> 00:25:22,110

nose well it's about that time grab your

556

00:25:28,490 --> 00:25:24,300

tissues it's for fast facts about face

557

00:25:30,230 --> 00:25:28,500

gunk snot can turn bright green or

558

00:25:32,210 --> 00:25:30,240

yellow when your immune system has been

559

00:25:34,250 --> 00:25:32,220

fighting an infection there are two

560

00:25:37,400 --> 00:25:34,260

genetically determined types of earwax

561

00:25:39,590 --> 00:25:37,410

dry and wet and scientists can use them

562

00:25:41,630 --> 00:25:39,600

to study human migration and evolution

563

00:25:43,220 --> 00:25:41,640

the anatomical feature where tears

564

00:25:45,890 --> 00:25:43,230

collect is called the lacrimal punctum

565

00:25:48,920 --> 00:25:45,900

and the average person produces about

566

00:25:51,770 --> 00:25:48,930

one liter of snot every single day

567

00:25:53,870 --> 00:25:51,780

that's it for this week in science for

568

00:25:58,030 --> 00:25:53,880

more information about face gunk go to

569

00:26:01,220 --> 00:25:58,040

the Arias website RI aus org a you

570

00:26:03,800 --> 00:26:01,230

follow us on twitter at our iOS and like

571

00:26:04,270 --> 00:26:03,810

us on facebook i'm casey harrigan and

572

00:26:23,530 --> 00:26:04,280

we'll catch

573

00:26:35,260 --> 00:26:23,540

next week it's the raw skeptic report

574

00:26:37,810 --> 00:26:35,270

with Heidi Robertson hi everyone it's

575

00:26:39,910 --> 00:26:37,820

blowing a gale outside at the moment so

576  
00:26:43,240 --> 00:26:39,920  
that's what you may be hearing this week

577  
00:26:46,480 --> 00:26:43,250  
in the background on Tuesday this week

578  
00:26:49,720 --> 00:26:46,490  
dr. Jeanette young Queensland chief

579  
00:26:52,540 --> 00:26:49,730  
health officer with dr. Brad McCall of

580  
00:26:54,070 --> 00:26:52,550  
the Public Health Unit held a media

581  
00:26:56,260 --> 00:26:54,080  
conference to announce that a

582  
00:26:59,530 --> 00:26:56,270  
brisbane-based ambulance paramedic had

583  
00:27:01,510 --> 00:26:59,540  
been diagnosed with measles at the time

584  
00:27:03,070 --> 00:27:01,520  
of writing this report the paramedic is

585  
00:27:07,360 --> 00:27:03,080  
said to be in a serious but stable

586  
00:27:13,120 --> 00:27:07,370  
condition a couple of fast facts about

587  
00:27:17,500 --> 00:27:13,130  
measles from our website WWE nrvs info

588  
00:27:20,770 --> 00:27:17,510

as well as the immunized health gov au

589

00:27:23,400 --> 00:27:20,780

website our website was written by a dr.

590

00:27:26,380 --> 00:27:23,410

Rachel heap an intensivist and

591

00:27:28,060 --> 00:27:26,390

fact-checked by Professor boy from the

592

00:27:33,010 --> 00:27:28,070

National Center for immunization

593

00:27:35,470 --> 00:27:33,020

research and surveillance quote measles

594

00:27:39,220 --> 00:27:35,480

is one of the most contagious diseases

595

00:27:41,530 --> 00:27:39,230

known amongst susceptible people nine

596

00:27:44,070 --> 00:27:41,540

out of 10 exposed to measles will catch

597

00:27:47,310 --> 00:27:44,080

it susceptible people are either

598

00:27:50,230 --> 00:27:47,320

unamused or have never had the disease

599

00:27:52,720 --> 00:27:50,240

the measles virus is capable of

600

00:27:55,660 --> 00:27:52,730

surviving for two hours outside the body

601  
00:27:58,530 --> 00:27:55,670  
in the air or on hard surfaces after an

602  
00:28:01,480 --> 00:27:58,540  
infected person has coughed or sneezed

603  
00:28:04,030 --> 00:28:01,490  
it can affect people of any age and

604  
00:28:07,210 --> 00:28:04,040  
prior to the development of an effective

605  
00:28:12,670 --> 00:28:07,220  
vaccine it caused an estimated 2.6

606  
00:28:16,690 --> 00:28:12,680  
million deaths a year in 2011 there were

607  
00:28:18,040 --> 00:28:16,700  
an estimated 158,000 measles deaths

608  
00:28:22,120 --> 00:28:18,050  
globally

609  
00:28:23,710 --> 00:28:22,130  
or about 430 deaths every day and most

610  
00:28:26,770 --> 00:28:23,720  
of these deaths occurred in children

611  
00:28:28,480 --> 00:28:26,780  
under the age of five years even in

612  
00:28:31,060 --> 00:28:28,490  
developed countries with excellent

613  
00:28:32,770 --> 00:28:31,070

health care one-quarter to one-third of

614

00:28:35,290 --> 00:28:32,780

people who catch it need to be looked

615

00:28:39,370 --> 00:28:35,300

after in hospital and one to two out of

616

00:28:41,710 --> 00:28:39,380

every 1,000 will die the measles vaccine

617

00:28:45,370 --> 00:28:41,720

with two doses is about ninety nine

618

00:28:48,580 --> 00:28:45,380

percent effective the first vaccine is

619

00:28:51,370 --> 00:28:48,590

given at one year of age breastfeeding

620

00:28:53,410 --> 00:28:51,380

offers some protection but even then

621

00:28:56,290 --> 00:28:53,420

babies are vulnerable to catching the

622

00:28:59,950 --> 00:28:56,300

disease until they are old enough to be

623

00:29:01,990 --> 00:28:59,960

vaccinated there are also the

624

00:29:04,060 --> 00:29:02,000

after-effects of measles to consider

625

00:29:07,650 --> 00:29:04,070

morbidity rates and of course the

626  
00:29:10,510 --> 00:29:07,660  
dreadful sspe a fatal neurodegenerative

627  
00:29:13,990 --> 00:29:10,520  
disease which can turn up years after

628  
00:29:16,720 --> 00:29:14,000  
measles infection it's worth repeating

629  
00:29:19,090 --> 00:29:16,730  
here when we know of these facts how

630  
00:29:21,280 --> 00:29:19,100  
utterly irresponsible stephanie

631  
00:29:24,670 --> 00:29:21,290  
messengers book Melody's marvelous

632  
00:29:28,320 --> 00:29:24,680  
measles is if you recall Joe alabaster's

633  
00:29:30,610 --> 00:29:28,330  
book review on it in episode number 330

634  
00:29:33,190 --> 00:29:30,620  
Messenger is an Australian

635  
00:29:36,730 --> 00:29:33,200  
anti-vaccination advocate who wrote this

636  
00:29:39,820 --> 00:29:36,740  
book for children I repeat it is aimed

637  
00:29:43,060 --> 00:29:39,830  
at children promoting measles as a

638  
00:29:45,700 --> 00:29:43,070

marvellous disease to contract all the

639

00:29:48,670 --> 00:29:45,710

more horrible when the books titles so

640

00:29:52,030 --> 00:29:48,680

closely reflects Roald Dahl's book

641

00:29:55,000 --> 00:29:52,040

George's marvelous medicine and the fact

642

00:29:59,440 --> 00:29:55,010

that Roald Dahl's daughter died of

643

00:30:02,590 --> 00:29:59,450

measles classy back to the measles case

644

00:30:04,480 --> 00:30:02,600

in Brisbane Queensland Health has not

645

00:30:06,760 --> 00:30:04,490

commented on the vaccination status of

646

00:30:09,370 --> 00:30:06,770

the ambulance officer so it's important

647

00:30:11,560 --> 00:30:09,380

that we not assume anything perhaps he

648

00:30:13,990 --> 00:30:11,570

was vaccinated and he did not mount an

649

00:30:16,540 --> 00:30:14,000

immune response perhaps his immunity

650

00:30:19,900 --> 00:30:16,550

waned over time perhaps he was not

651  
00:30:21,880 --> 00:30:19,910  
vaccinated we don't know what we do know

652  
00:30:24,100 --> 00:30:21,890  
is that whilst not knowing he was

653  
00:30:26,410 --> 00:30:24,110  
infected the paramedic was still on

654  
00:30:28,570 --> 00:30:26,420  
active duties and therefore treating and

655  
00:30:31,690 --> 00:30:28,580  
transporting dozens of sick and injured

656  
00:30:34,720 --> 00:30:31,700  
people 24 identified hospitals

657  
00:30:37,330 --> 00:30:34,730  
brisbane in addition of course he

658  
00:30:39,789 --> 00:30:37,340  
attended many other public locations as

659  
00:30:43,149 --> 00:30:39,799  
well as several businesses on Moreton

660  
00:30:45,580 --> 00:30:43,159  
Island with the very young elderly and

661  
00:30:48,460 --> 00:30:45,590  
other susceptible people such as cancer

662  
00:30:50,560 --> 00:30:48,470  
patients who may have less than optimal

663  
00:30:53,019 --> 00:30:50,570

immune function this is not an

664

00:30:56,490 --> 00:30:53,029

insignificant public health risk given

665

00:30:59,049 --> 00:30:56,500

just how contagious this disease is

666

00:31:01,120 --> 00:30:59,059

Cameron deck the Queensland Health

667

00:31:02,950 --> 00:31:01,130

Minister has said that the health

668

00:31:04,539 --> 00:31:02,960

department is now going to look at

669

00:31:07,149 --> 00:31:04,549

getting all ambulance officers

670

00:31:08,980 --> 00:31:07,159

vaccinated and is also going to look at

671

00:31:11,889 --> 00:31:08,990

extending this to other health care

672

00:31:13,720 --> 00:31:11,899

workers on social media many have

673

00:31:16,299 --> 00:31:13,730

expressed surprise that this is not

674

00:31:19,330 --> 00:31:16,309

already the case why are some of our

675

00:31:22,539 --> 00:31:19,340

health care workers not required to have

676

00:31:26,019 --> 00:31:22,549

vaccines such as pertussis influenza

677

00:31:28,600 --> 00:31:26,029

measles and the like in many health care

678

00:31:32,590 --> 00:31:28,610

professions it is simply strongly

679

00:31:34,029 --> 00:31:32,600

advised but not mandatory hepatitis B

680

00:31:35,889 --> 00:31:34,039

seems to be the only one that is

681

00:31:37,750 --> 00:31:35,899

enforced although there are some

682

00:31:40,149 --> 00:31:37,760

organizations such as the New South

683

00:31:42,190 --> 00:31:40,159

Wales ambulance service who require

684

00:31:46,840 --> 00:31:42,200

employees to be vaccinated for hepatitis

685

00:31:50,200 --> 00:31:46,850

B varicella MMR diphtheria pertussis and

686

00:31:51,879 --> 00:31:50,210

tetanus it is not mandatory for them to

687

00:31:53,860 --> 00:31:51,889

have boosters for pertussis and

688

00:31:58,120 --> 00:31:53,870

influenza although again it is strongly

689

00:32:01,180 --> 00:31:58,130

advised apart from the issue of health

690

00:32:03,580 --> 00:32:01,190

care workers being unamused or under

691

00:32:06,100 --> 00:32:03,590

immunized there is also the issue of

692

00:32:07,870 --> 00:32:06,110

child care workers in Australia who are

693

00:32:11,019 --> 00:32:07,880

not required to have vaccinations in

694

00:32:14,350 --> 00:32:11,029

order to look after children so we have

695

00:32:17,019 --> 00:32:14,360

the situation where the no job no play

696

00:32:19,029 --> 00:32:17,029

legislation has come in which requires

697

00:32:21,039 --> 00:32:19,039

parents to produce evidence of their

698

00:32:23,940 --> 00:32:21,049

child's vaccination status on enrollment

699

00:32:28,659 --> 00:32:23,950

into a child care or preschool facility

700

00:32:31,330 --> 00:32:28,669

we have the newly proposed no job nope a

701  
00:32:33,279 --> 00:32:31,340  
policy which will require children in

702  
00:32:35,080 --> 00:32:33,289  
child care to be vaccinated and their

703  
00:32:37,690 --> 00:32:35,090  
parents not to be able to claim

704  
00:32:39,940 --> 00:32:37,700  
religious and philosophical exemptions

705  
00:32:42,250 --> 00:32:39,950  
if they wish to receive certain

706  
00:32:44,419 --> 00:32:42,260  
government benefits we have these

707  
00:32:46,940 --> 00:32:44,429  
initiatives to try to raise vaccinate

708  
00:32:49,310 --> 00:32:46,950  
gen raits but we don't require the

709  
00:32:53,119 --> 00:32:49,320  
people looking after our children to be

710  
00:32:54,769 --> 00:32:53,129  
vaccinated legislation has changed

711  
00:32:57,739 --> 00:32:54,779  
regarding vaccination following the

712  
00:33:00,289 --> 00:32:57,749  
deaths of both Dana McCaffrey and Riley

713  
00:33:04,700 --> 00:33:00,299

Hughes both from whooping cough both

714

00:33:06,669 --> 00:33:04,710

passing away at 32 days now a health

715

00:33:09,340 --> 00:33:06,679

care worker who may have unwittingly

716

00:33:11,539 --> 00:33:09,350

infected dozens of people with measles

717

00:33:14,659 --> 00:33:11,549

prompts are called to have all health

718

00:33:16,340 --> 00:33:14,669

workers in Queensland vaccinated I have

719

00:33:20,659 --> 00:33:16,350

a few questions that listeners may be

720

00:33:22,580 --> 00:33:20,669

able to comment on why can we not take a

721

00:33:25,190 --> 00:33:22,590

more proactive rather than reactive

722

00:33:27,409 --> 00:33:25,200

approach and ask that all health care

723

00:33:31,129 --> 00:33:27,419

workers across Australia be vaccinated

724

00:33:32,419 --> 00:33:31,139

is it too much to ask for anyone who has

725

00:33:35,299 --> 00:33:32,429

to apply for a working with children

726

00:33:38,659 --> 00:33:35,309

check to also be up to date with their

727

00:33:41,299 --> 00:33:38,669

vaccinations would there be potentially

728

00:33:44,899 --> 00:33:41,309

a case for litigation in an instance

729

00:33:47,029 --> 00:33:44,909

such as this hypothetical example let's

730

00:33:49,580 --> 00:33:47,039

say mrs. Jones works in a childcare

731

00:33:52,159 --> 00:33:49,590

center looking after babies ranging from

732

00:33:55,100 --> 00:33:52,169

six weeks of age to children of five

733

00:33:57,289 --> 00:33:55,110

years of age let's also say that mrs.

734

00:34:01,100 --> 00:33:57,299

Jones has always been a conscientious

735

00:34:02,779 --> 00:34:01,110

objector as were her parents this means

736

00:34:05,619 --> 00:34:02,789

that mrs. Jones has never been

737

00:34:08,659 --> 00:34:05,629

vaccinated for anything in her life

738

00:34:11,270 --> 00:34:08,669

master Smith aged eight weeks is

739

00:34:14,329 --> 00:34:11,280

delivered into mrs. Jones care three

740

00:34:16,549 --> 00:34:14,339

days a week master Smith's mum and dad

741

00:34:19,220 --> 00:34:16,559

have just had him vaccinated according

742

00:34:23,349 --> 00:34:19,230

to the schedule for diphtheria tetanus

743

00:34:27,139 --> 00:34:23,359

pertussis polio [h\_\_h] hepatitis B

744

00:34:29,180 --> 00:34:27,149

pneumococcal disease and rotavirus they

745

00:34:31,609 --> 00:34:29,190

are not only proponents of vaccination

746

00:34:34,190 --> 00:34:31,619

but need to have him vaccinated in order

747

00:34:37,099 --> 00:34:34,200

to receive certain child care benefits

748

00:34:40,129 --> 00:34:37,109

from the government mrs. Jones comes to

749

00:34:42,740 --> 00:34:40,139

work infectious with whooping cough it

750

00:34:46,059 --> 00:34:42,750

presents as an irritating cough which he

751

00:34:48,680 --> 00:34:46,069

has not yet had checked by a doctor

752

00:34:52,460 --> 00:34:48,690

because no vaccine is a hundred percent

753

00:34:55,399 --> 00:34:52,470

effective and he has had only one dose

754

00:34:57,560 --> 00:34:55,409

of the pertussis vaccine Mastersmith

755

00:34:59,840 --> 00:34:57,570

contracts whooping cough

756

00:35:02,510 --> 00:34:59,850

because he is so young he becomes very

757

00:35:05,420 --> 00:35:02,520

sick with it and has to be admitted to a

758

00:35:08,360 --> 00:35:05,430

pediatric intensive care unit where he

759

00:35:10,760 --> 00:35:08,370

spends the next couple of months he

760

00:35:14,450 --> 00:35:10,770

survives with permanent brain damage and

761

00:35:18,170 --> 00:35:14,460

scarring of the lungs so can and should

762

00:35:20,000 --> 00:35:18,180

mrs. Jones be sued in order to be sued

763

00:35:23,330 --> 00:35:20,010

in such a situation there needs to be

764

00:35:26,060 --> 00:35:23,340

three things present number one the

765

00:35:27,980 --> 00:35:26,070

person being sued needs to have a legal

766

00:35:30,440 --> 00:35:27,990

duty of care to the injured or ill

767

00:35:32,390 --> 00:35:30,450

person in this case being a childcare

768

00:35:35,090 --> 00:35:32,400

worker this legal duty of care is

769

00:35:37,430 --> 00:35:35,100

present number two there has to be a

770

00:35:40,400 --> 00:35:37,440

breach of this legal duty of care in

771

00:35:42,860 --> 00:35:40,410

this case can it be argued that mrs.

772

00:35:46,040 --> 00:35:42,870

Jones has breached her duty of care by a

773

00:35:49,190 --> 00:35:46,050

not being vaccinated and be going to

774

00:35:51,440 --> 00:35:49,200

work with a persistent cough and three

775

00:35:54,590 --> 00:35:51,450

there has to have been harm done as a

776

00:35:57,290 --> 00:35:54,600

direct result of the breach of duty of

777

00:36:01,610 --> 00:35:57,300

care master Smith has clearly been

778

00:36:03,800 --> 00:36:01,620

harmed by whooping cough clearly I'm not

779

00:36:06,020 --> 00:36:03,810

in the law profession and there are no

780

00:36:09,050 --> 00:36:06,030

doubt many variables and intricacies

781

00:36:11,270 --> 00:36:09,060

here I have however asked the professor

782

00:36:13,010 --> 00:36:11,280

of law this question who has a

783

00:36:15,320 --> 00:36:13,020

particular interest in vaccination

784

00:36:17,030 --> 00:36:15,330

issues she has written a very

785

00:36:19,960 --> 00:36:17,040

interesting article on some of the

786

00:36:22,460 --> 00:36:19,970

issues surrounding this it is called

787

00:36:25,460 --> 00:36:22,470

compensating the victims of failure to

788

00:36:26,990 --> 00:36:25,470

vaccinate what are the options and I

789

00:36:32,420 --> 00:36:27,000

will link to the article in the show

790

00:36:34,940 --> 00:36:32,430

notes on the website skeptics own TV to

791

00:36:37,430 --> 00:36:34,950

be clear I'm not assuming anything about

792

00:36:39,650 --> 00:36:37,440

this particular Brisbane paramedic we

793

00:36:42,790 --> 00:36:39,660

certainly should not condemn anyone when

794

00:36:44,780 --> 00:36:42,800

we are not aware of the full facts

795

00:36:46,970 --> 00:36:44,790

bringing in legislation to make

796

00:36:49,070 --> 00:36:46,980

vaccination mandatory for health care

797

00:36:51,050 --> 00:36:49,080

workers and childcare workers would

798

00:36:55,510 --> 00:36:51,060

certainly be an expensive undertaking

799

00:36:57,350 --> 00:36:55,520

for both employers and individuals a

800

00:36:59,570 --> 00:36:57,360

cost-benefit analysis would be

801  
00:37:01,520 --> 00:36:59,580  
interesting to see taking into

802  
00:37:04,280 --> 00:37:01,530  
consideration time off work due to

803  
00:37:05,720 --> 00:37:04,290  
vaccine preventable disease the cost to

804  
00:37:09,680 --> 00:37:05,730  
the health care system in treating

805  
00:37:11,420 --> 00:37:09,690  
vaccine-preventable disease and so on in

806  
00:37:12,980 --> 00:37:11,430  
the meantime

807  
00:37:15,650 --> 00:37:12,990  
thoughts are with this paramedic who is

808  
00:37:18,470 --> 00:37:15,660  
suffering in hospital as well as those

809  
00:37:20,329 --> 00:37:18,480  
having been potentially exposed and are

810  
00:37:22,670 --> 00:37:20,339  
waiting for the two-week incubation

811  
00:37:26,420 --> 00:37:22,680  
period to be up to see if they have

812  
00:37:28,040 --> 00:37:26,430  
contracted the disease for more

813  
00:37:30,950 --> 00:37:28,050

information on vaccines and

814

00:37:38,030 --> 00:37:30,960

vaccine-preventable diseases go to our

815

00:37:39,950 --> 00:37:38,040

website w WN rvs info you can also find

816

00:37:43,309 --> 00:37:39,960

us than Northern Rivers vaccination

817

00:37:47,870 --> 00:37:43,319

supporters on facebook and on twitter at

818

00:38:06,099 --> 00:37:47,880

the handle NR vax supporters that's the

819

00:38:12,109 --> 00:38:10,160

wollongong skeptics in the pub yes

820

00:38:15,250 --> 00:38:12,119

Wollongong is a real place in here for

821

00:38:18,559 --> 00:38:15,260

our international listeners Wollongong

822

00:38:20,450 --> 00:38:18,569

say it with me wollongong yeah it's a

823

00:38:23,720 --> 00:38:20,460

nice place it's just south of Sydney and

824

00:38:27,260 --> 00:38:23,730

they have a skeptics in the pub at dicey

825

00:38:29,270 --> 00:38:27,270

rileys 333 crown street one ball it's

826

00:38:32,059 --> 00:38:29,280

always the last tuesday of every month

827

00:38:33,980 --> 00:38:32,069

and if you're in the wollongong area

828

00:38:36,680 --> 00:38:33,990

well the best thing to do would we go to

829

00:38:45,870 --> 00:38:36,690

meet up calm and just look for will Gong

830

00:38:54,000 --> 00:38:51,070

here's my not spooky action at the

831

00:38:58,840 --> 00:38:56,290

ladies and gentlemen on the phone I have

832

00:39:01,480 --> 00:38:58,850

the author of the modern Australian

833

00:39:04,180 --> 00:39:01,490

usage a practical guide for writers and

834

00:39:05,590 --> 00:39:04,190

editors Nick Hudson how I Nick I'm fine

835

00:39:07,750 --> 00:39:05,600

thank you what triggered your

836

00:39:09,460 --> 00:39:07,760

fascination with the English language is

837

00:39:12,280 --> 00:39:09,470

specifically the Australian English

838

00:39:14,740 --> 00:39:12,290

language I guess I was born speaking at

839

00:39:19,840 --> 00:39:14,750

UC therefore i'm very interested in it

840

00:39:23,109 --> 00:39:19,850

and I at age 25 I moved from Britain to

841

00:39:27,220 --> 00:39:23,119

Australia and so I've spent all my adult

842

00:39:30,090 --> 00:39:27,230

life as a book editor editing Australian

843

00:39:33,130 --> 00:39:30,100

texts and so I'm fascinated by

844

00:39:35,109 --> 00:39:33,140

Australian English and I addressed in

845

00:39:37,210 --> 00:39:35,119

the first instance in this book the

846

00:39:40,570 --> 00:39:37,220

problems which Australian Writers may

847

00:39:43,630 --> 00:39:40,580

run into parent parent and purest on

848

00:39:45,760 --> 00:39:43,640

page 296 is worth a look both of these

849

00:39:48,340 --> 00:39:45,770

words mean a person who comments on

850

00:39:50,710 --> 00:39:48,350

linguistic niceties which others find

851

00:39:54,190 --> 00:39:50,720

boring the difference is that you are

852

00:39:55,750 --> 00:39:54,200

repentant where I am a purist yes yes

853

00:39:57,940 --> 00:39:55,760

that's right do you actually have to

854

00:40:00,010 --> 00:39:57,950

stop yourself from correcting people not

855

00:40:03,730 --> 00:40:00,020

at all that's what parents do you see

856

00:40:06,099 --> 00:40:03,740

I'm a purist I can keep it to myself so

857

00:40:09,130 --> 00:40:06,109

what do you like it Scrabble ah not bad

858

00:40:11,080 --> 00:40:09,140

actually do you get anyone to actually

859

00:40:13,540 --> 00:40:11,090

play with you or they go or not here not

860

00:40:15,190 --> 00:40:13,550

Nick don't play with me you see scrabble

861

00:40:17,920 --> 00:40:15,200

is not really a matter of knowing all

862

00:40:19,660 --> 00:40:17,930

the words it's a matter of strategy in

863

00:40:22,720 --> 00:40:19,670

noticing where the crippled better

864

00:40:24,370 --> 00:40:22,730

scores are and making sure that the W is

865

00:40:26,500 --> 00:40:24,380

on the triple letter score scored twice

866

00:40:28,450 --> 00:40:26,510

those of us that are playing words for

867

00:40:30,460 --> 00:40:28,460

friends and scrabble what's a great word

868

00:40:32,470 --> 00:40:30,470

to grab in scrabble but not many people

869

00:40:35,640 --> 00:40:32,480

think of that's a good one the one that

870

00:40:37,990 --> 00:40:35,650

is played almost every game would be Qi

871

00:40:40,270 --> 00:40:38,000

isn't it and you can actually use that I

872

00:40:42,099 --> 00:40:40,280

did not know that was a word oh yes yes

873

00:40:45,070 --> 00:40:42,109

yes have you not got a list of the

874

00:40:47,500 --> 00:40:45,080

scrabble approve two letter words no I

875

00:40:50,980 --> 00:40:47,510

guess I should get one you should get

876

00:40:52,990 --> 00:40:50,990

that that I would be nothing this book

877

00:40:56,380 --> 00:40:53,000

is a practical guide for editors what

878

00:40:59,970 --> 00:40:56,390

kind of people seek to become editors I

879

00:41:02,740 --> 00:40:59,980

don't know in a sense I became one

880

00:41:04,480 --> 00:41:02,750

accidentally when i discovered i wasn't

881

00:41:07,930 --> 00:41:04,490

in market floor i'm

882

00:41:10,930 --> 00:41:07,940

being a reporter that one stage I had an

883

00:41:14,830 --> 00:41:10,940

ambition to be the parliamentary report

884

00:41:17,710 --> 00:41:14,840

of a pouch but they're lied and I gotten

885

00:41:20,650 --> 00:41:17,720

offers a job in publishing and grabbed

886

00:41:22,660 --> 00:41:20,660

it then I discovered that I enjoyed it

887

00:41:25,240 --> 00:41:22,670

enormously but I've been doing it now

888

00:41:27,040 --> 00:41:25,250

for six years best bottle can you

889

00:41:31,870 --> 00:41:27,050

actually write that you couldn't care

890

00:41:34,240 --> 00:41:31,880

less I think you can just about it

891

00:41:37,210 --> 00:41:34,250

depends on sentence to me the whole

892

00:41:39,550 --> 00:41:37,220

point about subject the submitting is

893

00:41:42,760 --> 00:41:39,560

not just a matter of correcting grammar

894

00:41:45,970 --> 00:41:42,770

and spelling sub editing or edit in fact

895

00:41:48,640 --> 00:41:45,980

is a matter of making sure that the

896

00:41:51,790 --> 00:41:48,650

reader gets the message that the author

897

00:41:53,560 --> 00:41:51,800

had intended now the author thinks that

898

00:41:57,190 --> 00:41:53,570

what they've written is perfectly

899

00:41:59,620 --> 00:41:57,200

perfectly clear unambiguous and the

900

00:42:01,570 --> 00:41:59,630

reader has a slightly different

901

00:42:04,390 --> 00:42:01,580

vocabulary and cents and may

902

00:42:07,060 --> 00:42:04,400

misunderstand it the editor should be

903

00:42:11,590 --> 00:42:07,070

the person who stands between the two

904

00:42:14,950 --> 00:42:11,600

and warns the author if the message will

905

00:42:17,590 --> 00:42:14,960

not get them to reader that is a vital

906

00:42:21,760 --> 00:42:17,600

vital task but it's one that is best

907

00:42:25,300 --> 00:42:21,770

done an editor who has immediate access

908

00:42:28,450 --> 00:42:25,310

to the author otherwise the editor is

909

00:42:29,950 --> 00:42:28,460

liable to change it wrong know that

910

00:42:32,710 --> 00:42:29,960

there's something wrong but make a

911

00:42:34,750 --> 00:42:32,720

correction which is also long obviously

912

00:42:37,060 --> 00:42:34,760

one sees various things in newspapers

913

00:42:40,120 --> 00:42:37,070

that when objects to this happens

914

00:42:42,160 --> 00:42:40,130

particularly in books the long argument

915

00:42:44,859 --> 00:42:42,170

about something and the author has

916

00:42:47,010 --> 00:42:44,869

either left out a stage in the argument

917

00:42:50,140 --> 00:42:47,020

regarding it as self-evident

918

00:42:52,330 --> 00:42:50,150

alternatively labour a point which was

919

00:42:55,359 --> 00:42:52,340

obvious and therefore become boring

920

00:42:58,510 --> 00:42:55,369

here's an example which is in a way

921

00:43:02,349 --> 00:42:58,520

right I heard a news broadcast in which

922

00:43:06,760 --> 00:43:02,359

the newsreader said sensors had a poll

923

00:43:09,580 --> 00:43:06,770

with his club but as designed and then

924

00:43:13,270 --> 00:43:09,590

he stopped from him he said oh no sorry

925

00:43:15,820 --> 00:43:13,280

that should be re-signed now those two

926  
00:43:17,309 --> 00:43:15,830  
words if you leave out pie from there

927  
00:43:19,829 --> 00:43:17,319  
the same word and they mean

928  
00:43:21,170 --> 00:43:19,839  
diametrically opposite things I would

929  
00:43:24,599 --> 00:43:21,180  
say that the person who wrote that

930  
00:43:28,289 --> 00:43:24,609  
should have put a hyphen in to show that

931  
00:43:30,779 --> 00:43:28,299  
what they meant was refined the person

932  
00:43:32,939 --> 00:43:30,789  
who wrote it thought it was perfectly

933  
00:43:36,420 --> 00:43:32,949  
obvious that it was reassigned and

934  
00:43:39,779 --> 00:43:36,430  
didn't bother to hyphenate it the editor

935  
00:43:43,140 --> 00:43:39,789  
would notice that that error could occur

936  
00:43:46,859 --> 00:43:43,150  
and would have warned the author and put

937  
00:43:49,199 --> 00:43:46,869  
in haifa this leads us to page 401 where

938  
00:43:52,680 --> 00:43:49,209

you have the entry for tautology with

939

00:43:55,799 --> 00:43:52,690

the great example of i got up at 3am in

940

00:43:59,069 --> 00:43:55,809

the morning yes you hear that all the

941

00:44:00,709 --> 00:43:59,079

time indeed I don't get too upset about

942

00:44:04,189 --> 00:44:00,719

that because it's not causing

943

00:44:07,229 --> 00:44:04,199

misunderstanding it's unnecessary and

944

00:44:09,449 --> 00:44:07,239

people who say we should use as few

945

00:44:11,910 --> 00:44:09,459

words as possible will get upset by it

946

00:44:14,180 --> 00:44:11,920

but at least we aren't getting the

947

00:44:17,219 --> 00:44:14,190

message wrong what about the word

948

00:44:20,039 --> 00:44:17,229

discriminate now it has an evil content

949

00:44:22,380 --> 00:44:20,049

but if i go to my wardrobe and I choose

950

00:44:24,150 --> 00:44:22,390

if I just discriminate amongst the

951  
00:44:27,539 --> 00:44:24,160  
shirts to wear am I discriminating

952  
00:44:30,599 --> 00:44:27,549  
against the shirts that I don't wear yes

953  
00:44:33,420 --> 00:44:30,609  
I suppose you like if we say he's a

954  
00:44:36,359 --> 00:44:33,430  
discriminating person it still is a good

955  
00:44:38,430 --> 00:44:36,369  
thing I think still be positive but I

956  
00:44:41,370 --> 00:44:38,440  
agree that if seven Lucerne so it

957  
00:44:45,089 --> 00:44:41,380  
discriminates normally a nasty thing to

958  
00:44:46,439 --> 00:44:45,099  
do so can be used in a positive way or

959  
00:44:47,910 --> 00:44:46,449  
in a neutral way I mean if you're

960  
00:44:50,249 --> 00:44:47,920  
discriminating about your choice of

961  
00:44:52,079 --> 00:44:50,259  
shirts you're not really being terribly

962  
00:44:54,719 --> 00:44:52,089  
clever you're just using a little bit of

963  
00:44:57,239 --> 00:44:54,729

discretion how do you feel about the

964

00:44:58,650 --> 00:44:57,249

American imperialism of our language do

965

00:45:01,170 --> 00:44:58,660

you feel particularly strongly about

966

00:45:03,809 --> 00:45:01,180

that I can't see that it's something to

967

00:45:05,849 --> 00:45:03,819

get terribly worked up about because it

968

00:45:09,059 --> 00:45:05,859

just happens two languages if they're

969

00:45:11,519 --> 00:45:09,069

used by a lot of people it goes off in

970

00:45:13,729 --> 00:45:11,529

where directions i mean American is very

971

00:45:18,620 --> 00:45:13,739

very slow compared with Scottish English

972

00:45:21,420 --> 00:45:18,630

as displayed by a NL and Scots were high

973

00:45:25,259 --> 00:45:21,430

American spelling was more or less

974

00:45:28,920 --> 00:45:25,269

invented by nerve Webster who wrongly

975

00:45:30,230 --> 00:45:28,930

believed that simpler spelling would be

976  
00:45:32,510 --> 00:45:30,240  
a good idea

977  
00:45:34,960 --> 00:45:32,520  
so they wandered off in that direction I

978  
00:45:38,420 --> 00:45:34,970  
think most of those things were very

979  
00:45:41,180 --> 00:45:38,430  
sensible example the change of the oh

980  
00:45:44,480 --> 00:45:41,190  
you are endings 20 are in words like

981  
00:45:46,640 --> 00:45:44,490  
rigor that is very sense would logically

982  
00:45:48,770 --> 00:45:46,650  
the better because it goes straight back

983  
00:45:51,050 --> 00:45:48,780  
to the original Latin rather than

984  
00:45:52,760 --> 00:45:51,060  
getting corrupted by transmission from

985  
00:45:56,390 --> 00:45:52,770  
French what do you think of the

986  
00:45:58,760 --> 00:45:56,400  
Australian naming it's almost a style

987  
00:46:01,280 --> 00:45:58,770  
guide for people working in sport to

988  
00:46:06,080 --> 00:46:01,290

have their name ending in gets a why or

989

00:46:09,530 --> 00:46:06,090

an ia this de veau d co ja no way that's

990

00:46:12,230 --> 00:46:09,540

all about this is still in slang usage

991

00:46:14,359 --> 00:46:12,240

or colloquial usage all sorts of words

992

00:46:17,450 --> 00:46:14,369

get there on the end of them I mean now

993

00:46:20,750 --> 00:46:17,460

we have on I understand I haven't heard

994

00:46:25,070 --> 00:46:20,760

it myself except discussed and a ghetto

995

00:46:26,960 --> 00:46:25,080

well the gathering really I'm happy that

996

00:46:29,840 --> 00:46:26,970

you haven't heard I've it makes me feel

997

00:46:32,300 --> 00:46:29,850

slightly less faculties it doesn't

998

00:46:34,310 --> 00:46:32,310

surprise me or shock me terribly I guess

999

00:46:36,560 --> 00:46:34,320

nothing wooden language these days would

1000

00:46:39,920 --> 00:46:36,570

it what I was concerned with is

1001  
00:46:43,370 --> 00:46:39,930  
communication if you get your message

1002  
00:46:46,250 --> 00:46:43,380  
over right then basically everything's

1003  
00:46:49,880 --> 00:46:46,260  
all right what you want to guard against

1004  
00:46:53,030 --> 00:46:49,890  
is being misunderstood either because

1005  
00:46:57,380 --> 00:46:53,040  
you're using words in an unusual way or

1006  
00:47:00,349 --> 00:46:57,390  
your grammar is unusual that saves you

1007  
00:47:03,800 --> 00:47:00,359  
from an awful lot of anguish but to some

1008  
00:47:05,840 --> 00:47:03,810  
people seem to feel that the new way of

1009  
00:47:08,150 --> 00:47:05,850  
talking represents the end of

1010  
00:47:10,609 --> 00:47:08,160  
civilization as we know it and they get

1011  
00:47:14,180 --> 00:47:10,619  
terribly upset and they turn up the

1012  
00:47:16,790 --> 00:47:14,190  
radio stations to complain I find that

1013  
00:47:18,830 --> 00:47:16,800

rather sad because we've got enough with

1014

00:47:21,710 --> 00:47:18,840

the worry about without worrying about

1015

00:47:25,340 --> 00:47:21,720

state of the language the other hand if

1016

00:47:29,090 --> 00:47:25,350

there is a misunderstanding like in that

1017

00:47:31,880 --> 00:47:29,100

case where I said resign and we sign if

1018

00:47:33,950 --> 00:47:31,890

there is a misunderstanding then that is

1019

00:47:36,260 --> 00:47:33,960

a critical point and we've got to jump

1020

00:47:38,540 --> 00:47:36,270

on it and we've got to do something to

1021

00:47:40,970 --> 00:47:38,550

make sure that that misunderstanding

1022

00:47:44,000 --> 00:47:40,980

doesn't arise do you have any other

1023

00:47:46,250 --> 00:47:44,010

favorite languages obviously English

1024

00:47:48,320 --> 00:47:46,260

love but do you find you get excited by

1025

00:47:51,560 --> 00:47:48,330

the languages like a motive languages

1026

00:47:53,990 --> 00:47:51,570

like Spanish the language i know this is

1027

00:47:57,770 --> 00:47:54,000

German so I lived in Germany six months

1028

00:47:59,840 --> 00:47:57,780

I would say that the French have a good

1029

00:48:01,430 --> 00:47:59,850

word for this however Germans have a

1030

00:48:03,860 --> 00:48:01,440

good way of saying this one of the

1031

00:48:05,990 --> 00:48:03,870

things I hear continually is that the

1032

00:48:08,600 --> 00:48:06,000

German word is it showed and Freud

1033

00:48:10,100 --> 00:48:08,610

chardon choida that we don't have a word

1034

00:48:12,580 --> 00:48:10,110

for that in English but we do it's

1035

00:48:15,320 --> 00:48:12,590

called epic Erica see is that correct

1036

00:48:18,410 --> 00:48:15,330

well I've heard of the German words I

1037

00:48:20,030 --> 00:48:18,420

haven't heard the English word I said to

1038

00:48:23,060 --> 00:48:20,040

talk German if we have to use one word

1039

00:48:26,090 --> 00:48:23,070

for it it's a pleasure at somebody

1040

00:48:28,010 --> 00:48:26,100

else's discomfort epic Erica see is the

1041

00:48:31,250 --> 00:48:28,020

Englishman thought we should better luck

1042

00:48:33,580 --> 00:48:31,260

the problem with it is that whereas if

1043

00:48:38,030 --> 00:48:33,590

you use schadenfreude in German

1044

00:48:40,130 --> 00:48:38,040

everybody understands if you use epic

1045

00:48:42,830 --> 00:48:40,140

Erica see or what have you said in

1046

00:48:45,170 --> 00:48:42,840

English new and willems I won't

1047

00:48:49,640 --> 00:48:45,180

understand my start time I'm everybody

1048

00:48:51,860 --> 00:48:49,650

listen that's true I know exactly what

1049

00:48:53,750 --> 00:48:51,870

will be understood by everybody the book

1050

00:48:55,400 --> 00:48:53,760

is a practical guide for writers and

1051  
00:48:57,350 --> 00:48:55,410  
editors Nicholas Hudson modern

1052  
00:48:58,910 --> 00:48:57,360  
Australian usage there's lots of good

1053  
00:49:00,890 --> 00:48:58,920  
examples and there's also some great

1054  
00:49:02,360 --> 00:49:00,900  
copyright advice and some great legal

1055  
00:49:04,460 --> 00:49:02,370  
advice in there as well as a good

1056  
00:49:06,020 --> 00:49:04,470  
starting point lovely what do you think

1057  
00:49:07,640 --> 00:49:06,030  
should be the one thing when we're

1058  
00:49:09,350 --> 00:49:07,650  
sitting down to write something that we

1059  
00:49:11,090 --> 00:49:09,360  
should have in our mind so we don't need

1060  
00:49:13,490 --> 00:49:11,100  
someone like you and editor going old

1061  
00:49:16,220 --> 00:49:13,500  
dear dear you have to imagine your

1062  
00:49:19,580 --> 00:49:16,230  
reader and you have to watch his bow and

1063  
00:49:21,920 --> 00:49:19,590

it becomes followed because he hasn't

1064

00:49:24,140 --> 00:49:21,930

understood what you've written then you

1065

00:49:26,780 --> 00:49:24,150

should look again you should be thinking

1066

00:49:28,760 --> 00:49:26,790

of your reader all the time that is of

1067

00:49:31,370 --> 00:49:28,770

course if you're wanting to communicate

1068

00:49:32,810 --> 00:49:31,380

if you're just wanting to hit you over

1069

00:49:34,870 --> 00:49:32,820

the head with wrong words then the

1070

00:49:37,460 --> 00:49:34,880

robber was you use the better

1071

00:49:39,440 --> 00:49:37,470

communication I love the book and if

1072

00:49:42,620 --> 00:49:39,450

anyone doesn't like this book I couldn't

1073

00:50:00,650 --> 00:49:42,630

care less i love it good field it's

1074

00:50:06,180 --> 00:50:03,900

hey svenska skeptical the vet valid

1075

00:50:08,700 --> 00:50:06,190

vatan scope for billing in the Dogman

1076  
00:50:11,010 --> 00:50:08,710  
hanger of the skeptics that an ox 0 are

1077  
00:50:13,770 --> 00:50:11,020  
fearful dog pop science quiz of

1078  
00:50:16,440 --> 00:50:13,780  
skeptical Kevin Thomas Valley Queen por

1079  
00:50:18,900 --> 00:50:16,450  
vivir juntos punta safe at spawn I

1080  
00:50:21,030 --> 00:50:18,910  
involve a luger luke alphania hun

1081  
00:50:23,100 --> 00:50:21,040  
tamilanda Top Gun warm the door

1082  
00:50:27,680 --> 00:50:23,110  
installer and defense non-local training

1083  
00:50:31,740 --> 00:50:27,690  
muffin to start I'm 12 a potom add a new

1084  
00:50:33,180 --> 00:50:31,750  
hello all skeptics in Sweden I'm sure

1085  
00:50:35,670 --> 00:50:33,190  
you already know that the Swedish

1086  
00:50:37,680 --> 00:50:35,680  
skeptics Association not only is a big

1087  
00:50:40,380 --> 00:50:37,690  
fan of the skeptic zone but that we also

1088  
00:50:42,690 --> 00:50:40,390

organize lectures pop science quiz and

1089

00:50:49,080 --> 00:50:42,700

skeptics in the pub all over the country

1090

00:50:51,750 --> 00:50:49,090

go to ww vof se to see what are seven

1091

00:50:53,130 --> 00:50:51,760

local chapters are up to and if you live

1092

00:50:56,310 --> 00:50:53,140

in a place where there is no local

1093

00:51:06,540 --> 00:50:56,320

chapter why not stop on yourself I'm

1094

00:51:16,130 --> 00:51:10,930

you

1095

00:51:18,890 --> 00:51:16,140

zone and I am looking forward in the

1096

00:51:20,570 --> 00:51:18,900

coming weeks to a report or two from Joe

1097

00:51:23,510 --> 00:51:20,580

alabaster who I just saw the other day

1098

00:51:26,570 --> 00:51:23,520

as next weekend here in Sydney we have

1099

00:51:29,870 --> 00:51:26,580

skeptic camp yeah skeptic camp and the

1100

00:51:32,600 --> 00:51:29,880

very next day we're off to mind/body

1101  
00:51:34,940 --> 00:51:32,610  
wallet mind-body-spirit festival the

1102  
00:51:36,670 --> 00:51:34,950  
first of all of my own body wallet more

1103  
00:51:39,440 --> 00:51:36,680  
who than you can poke a wood stick at

1104  
00:51:41,110 --> 00:51:39,450  
lives but with some nice things sort of

1105  
00:51:44,780 --> 00:51:41,120  
thrown in along the way I always get a

1106  
00:51:47,300 --> 00:51:44,790  
pick up a nice bottle of hot sauce these

1107  
00:51:49,190 --> 00:51:47,310  
things could have a boutique hot sauce

1108  
00:51:52,490 --> 00:51:49,200  
very nice but yes there are plenty of

1109  
00:51:55,670 --> 00:51:52,500  
our alternative medicine practitioners

1110  
00:51:58,430 --> 00:51:55,680  
with some very far-fetched claims that

1111  
00:52:00,380 --> 00:51:58,440  
these are spiritual expose if you're

1112  
00:52:03,380 --> 00:52:00,390  
coming to the amazing meeting in July in

1113  
00:52:06,680 --> 00:52:03,390

Las Vegas drop by the skeptic zone table

1114

00:52:09,950 --> 00:52:06,690

and say hello if I'm not there leave me

1115

00:52:12,050 --> 00:52:09,960

a note twenty dollars will be fine more

1116

00:52:14,660 --> 00:52:12,060

about that coming up and i'll see if i

1117

00:52:17,360 --> 00:52:14,670

can't chase up an interview with james

1118

00:52:19,880 --> 00:52:17,370

randi himself but for this week this is

1119

00:52:25,970 --> 00:52:19,890

Richard Saunders signing off from Sydney

1120

00:52:28,490 --> 00:52:25,980

Australia you've been listening to the

1121

00:52:32,330 --> 00:52:28,500

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1122

00:52:35,630 --> 00:52:32,340

at wwc a petting zoo TV for contacts and

1123

00:52:38,780 --> 00:52:35,640

archive of all episodes since 2008 and

1124

00:52:40,820 --> 00:52:38,790

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1125

00:52:44,180 --> 00:52:40,830

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1126

00:52:47,720 --> 00:52:44,190

at skeptic zone liking us on facebook

1127

00:52:49,220 --> 00:52:47,730

and leaving a review on iTunes you can

1128

00:52:53,030 --> 00:52:49,230

also show your support by subscribing

1129

00:52:56,090 --> 00:52:53,040

via paypal for as little as 99 cents a

1130

00:52:57,740 --> 00:52:56,100

week the skeptic zone is an independent

1131

00:53:00,140 --> 00:52:57,750

production the views and opinions

1132

00:53:02,240 --> 00:53:00,150

expressed on the skeptic zone and not