

1  
00:00:06,139 --> 00:00:13,689  
welcome to the skeptic zone the podcast

2  
00:00:09,109 --> 00:00:13,689  
from Australia for science and reason

3  
00:00:22,070 --> 00:00:29,640  
hello and welcome to the skeptic zone

4  
00:00:24,660 --> 00:00:31,949  
episode number 344 for the 23rd of may

5  
00:00:29,640 --> 00:00:33,600  
2015 Richard Saunders here with you from

6  
00:00:31,949 --> 00:00:36,238  
Sydney Australia for those keen

7  
00:00:33,600 --> 00:00:40,379  
listeners you may have noticed last week

8  
00:00:36,238 --> 00:00:42,959  
I said it was episode number 333 that

9  
00:00:40,378 --> 00:00:45,899  
was incorrect apologies if you're very

10  
00:00:42,960 --> 00:00:47,250  
confused now and you deleted episodes

11  
00:00:45,899 --> 00:00:49,320  
and downloaded things and thought

12  
00:00:47,250 --> 00:00:54,570  
thursday was saturday it was actually

13  
00:00:49,320 --> 00:00:56,640  
episode number 343 oh well coming up on

14  
00:00:54,570 --> 00:00:59,219  
this week's show I catch up with a dear

15  
00:00:56,640 --> 00:01:03,509  
old friend of mine in the podcasting and

16  
00:00:59,219 --> 00:01:06,689  
skeptical realm Derek Colin do know from

17  
00:01:03,509 --> 00:01:09,179  
the skeptic ality podcast who just like

18  
00:01:06,689 --> 00:01:13,709  
the skeptics guide to the universe just

19  
00:01:09,180 --> 00:01:15,479  
celebrated 10 years of podcasting Wow 10

20  
00:01:13,709 --> 00:01:18,509  
years of podcasting the skeptic zone is

21  
00:01:15,478 --> 00:01:20,039  
racking up bum seven I think this year

22  
00:01:18,509 --> 00:01:22,379  
seven or eight something like that so

23  
00:01:20,039 --> 00:01:24,060  
hats off to Derek Colin dunno and swoop

24  
00:01:22,379 --> 00:01:26,280  
Ian skeptic ality hats off to the

25  
00:01:24,060 --> 00:01:27,600  
skeptics guide to the universe Derek's

26  
00:01:26,280 --> 00:01:30,000  
going to be chatting to us about what

27  
00:01:27,599 --> 00:01:33,868  
it's like to carry on a podcast for 10

28  
00:01:30,000 --> 00:01:36,868  
years and some of his insights about the

29

00:01:33,868 --> 00:01:39,780  
craziness of drag and gone in atlanta

30  
00:01:36,868 --> 00:01:41,400  
georgia the big pop culture festival

31  
00:01:39,780 --> 00:01:44,250  
where of course there is a very strong

32  
00:01:41,400 --> 00:01:45,630  
skeptical presence each year following

33  
00:01:44,250 --> 00:01:47,368  
that it's a week in science from the

34  
00:01:45,629 --> 00:01:49,408  
Royal Institution of Australia in the

35  
00:01:47,368 --> 00:01:54,618  
beautiful city of Adelaide where you can

36  
00:01:49,409 --> 00:01:59,060  
get the most incredible chicken dish

37  
00:01:54,618 --> 00:02:00,899  
peppercorn chicken wow that tastes good

38  
00:01:59,060 --> 00:02:03,570  
apparently could remember the name of

39  
00:02:00,899 --> 00:02:07,349  
that restaurant listeners might know

40  
00:02:03,569 --> 00:02:08,459  
peppercorn chicken in Adelaide haha what

41  
00:02:07,349 --> 00:02:10,228  
was I saying oh yes the Royal

42  
00:02:08,459 --> 00:02:12,870  
Institution of Australia with a weakened

43  
00:02:10,229 --> 00:02:14,519

science of course and then it's the raw

44

00:02:12,870 --> 00:02:16,500

skeptic report with our dear friend

45

00:02:14,519 --> 00:02:19,319

Heidi Robinson from the Northern Rivers

46

00:02:16,500 --> 00:02:22,469

vaccination supporters Heidi is going to

47

00:02:19,319 --> 00:02:26,400

be asking the big question should health

48

00:02:22,469 --> 00:02:29,459

care workers be vaccinated and she has a

49

00:02:26,400 --> 00:02:31,019

case study to report I do like Heidi's

50

00:02:29,459 --> 00:02:33,389

reports I think they're very well

51

00:02:31,019 --> 00:02:34,230

written and I like a presentation style

52

00:02:33,389 --> 00:02:36,480

too it's

53

00:02:34,229 --> 00:02:38,158

very easy to listen to well done Heidi

54

00:02:36,479 --> 00:02:40,738

looking forward to hearing your report

55

00:02:38,158 --> 00:02:43,469

and to round off the show it's Maynard

56

00:02:40,739 --> 00:02:46,140

spooky action may not speaks with Nick

57

00:02:43,469 --> 00:02:48,568

Hudson the author of the modern

58  
00:02:46,139 --> 00:02:52,500  
Australian usage a practical guide for

59  
00:02:48,568 --> 00:02:55,229  
writers and editors is this a skeptical

60  
00:02:52,500 --> 00:02:57,030  
topic not really it's straying a bit

61  
00:02:55,229 --> 00:02:59,280  
here folks I'm drawing a bit of a

62  
00:02:57,030 --> 00:03:01,709  
longbow with this interview but it's so

63  
00:02:59,280 --> 00:03:03,900  
interesting it's so interesting it's all

64  
00:03:01,709 --> 00:03:05,729  
about what concerns us well especially

65  
00:03:03,900 --> 00:03:08,879  
on the skeptic zone is getting the

66  
00:03:05,729 --> 00:03:11,159  
message across how to best use language

67  
00:03:08,878 --> 00:03:12,889  
is our language changing is this a good

68  
00:03:11,159 --> 00:03:15,359  
thing or is this a bad thing is

69  
00:03:12,889 --> 00:03:18,268  
discrimination a good word or a bad word

70  
00:03:15,359 --> 00:03:20,549  
an interesting discussion an interesting

71  
00:03:18,269 --> 00:03:23,250  
interview may not has to round off the

72  
00:03:20,549 --> 00:03:25,859  
show I can I can be pretty sure you'll

73  
00:03:23,250 --> 00:03:27,000  
find this one worth listening to well

74  
00:03:25,859 --> 00:03:29,219  
that's enough for me at the moment I got

75  
00:03:27,000 --> 00:03:36,239  
to run downstairs go to the kitchen and

76  
00:03:29,219 --> 00:03:39,150  
get some hmm you know what on facebook

77  
00:03:36,239 --> 00:03:43,469  
for the facebook entry for this episode

78  
00:03:39,150 --> 00:03:44,969  
of the skeptics own Facebook page please

79  
00:03:43,469 --> 00:03:47,489  
tell me what you would like me to run

80  
00:03:44,969 --> 00:03:52,079  
down the kitchen and to have next week

81  
00:03:47,489 --> 00:03:54,329  
and I'll choose the one that appeals to

82  
00:03:52,079 --> 00:03:56,310  
me the most so if you haven't seen our

83  
00:03:54,329 --> 00:03:58,109  
Facebook page just i'll look for the

84  
00:03:56,310 --> 00:04:00,299  
skeptic zone on facebook skeptics own

85  
00:03:58,109 --> 00:04:02,879  
podcast or go to skeptics own TV and

86

00:04:00,299 --> 00:04:05,129  
click the facebook link and you can see

87  
00:04:02,879 --> 00:04:06,719  
our page and if you have a comment to

88  
00:04:05,129 --> 00:04:09,269  
make about the show that's the place to

89  
00:04:06,719 --> 00:04:13,109  
make it however today I will run down

90  
00:04:09,269 --> 00:04:16,439  
and get some some lovely steamed rice

91  
00:04:13,109 --> 00:04:18,629  
with a little bit of satay sauce yeah

92  
00:04:16,439 --> 00:04:22,548  
why not well I'm enjoying that I hope

93  
00:04:18,629 --> 00:04:22,548  
you enjoy the skeptic zone

94  
00:04:44,300 --> 00:04:49,620  
joining me now all the way from Atlanta

95  
00:04:47,069 --> 00:04:51,060  
Atlanta Georgia I'd like to go and visit

96  
00:04:49,620 --> 00:04:54,149  
atlanta I haven't done that for a while

97  
00:04:51,060 --> 00:04:56,490  
it's derek Colin dunno hello Derek yeah

98  
00:04:54,149 --> 00:04:59,399  
so you're coming this year oh I wish I

99  
00:04:56,490 --> 00:05:01,439  
could I'd to dragoncon you mean which

100  
00:04:59,399 --> 00:05:03,810

way I hear that's going to be in

101

00:05:01,439 --> 00:05:05,490

September this year not August yeah the

102

00:05:03,810 --> 00:05:09,180

dr this year it's the first week of

103

00:05:05,490 --> 00:05:10,980

September well I went to dragoncon three

104

00:05:09,180 --> 00:05:14,430

years running I was sort of a bit lucky

105

00:05:10,980 --> 00:05:16,740

because I had favorable airfares due to

106

00:05:14,430 --> 00:05:18,930

a new player in the Australian market

107

00:05:16,740 --> 00:05:20,970

now offering some good deal so sort of

108

00:05:18,930 --> 00:05:23,310

able to get away with that haven't been

109

00:05:20,970 --> 00:05:25,830

GIM when was the last time i was there i

110

00:05:23,310 --> 00:05:30,800

think around two thousand and nine or

111

00:05:25,829 --> 00:05:33,599

nine nine nine or ten dragon con is it's

112

00:05:30,800 --> 00:05:37,199

indescribable you have to go and see

113

00:05:33,600 --> 00:05:40,439

this bizarre crazy event and the number

114

00:05:37,199 --> 00:05:42,329

of people nor the craziness yeah retro

115  
00:05:40,439 --> 00:05:45,600  
dish to see it now it's grown almost

116  
00:05:42,329 --> 00:05:48,120  
doubles and flattery here and that's I I

117  
00:05:45,600 --> 00:05:50,520  
can't I can't even imagine that if

118  
00:05:48,120 --> 00:05:54,420  
listeners one to find out more about

119  
00:05:50,519 --> 00:05:56,430  
Dragon Con I guess yet they could Google

120  
00:05:54,420 --> 00:05:58,740  
Dragon Con and skeptics own because we

121  
00:05:56,430 --> 00:06:01,019  
report it from the dragon confident

122  
00:05:58,740 --> 00:06:04,079  
those three actually you did your very

123  
00:06:01,019 --> 00:06:07,769  
first episode recording a skeptic zone

124  
00:06:04,079 --> 00:06:10,500  
at rank on we did indeed 2008 the first

125  
00:06:07,769 --> 00:06:12,959  
episode was alive partly live recording

126  
00:06:10,500 --> 00:06:14,610  
at dragoncon that's where we kicked off

127  
00:06:12,959 --> 00:06:17,219  
and that's where we had our 100th

128  
00:06:14,610 --> 00:06:21,150  
episode to a couple of years later I do

129  
00:06:17,220 --> 00:06:22,530  
miss it for those people who wondering

130  
00:06:21,149 --> 00:06:24,359  
what we're talking about this is a giant

131  
00:06:22,529 --> 00:06:27,149  
sort of fantasy science fiction pop

132  
00:06:24,360 --> 00:06:30,420  
culture festival stars from all around

133  
00:06:27,149 --> 00:06:33,839  
the world jet in for this thing but for

134  
00:06:30,420 --> 00:06:37,430  
me of course and for you what makes

135  
00:06:33,839 --> 00:06:40,259  
dragoncon so special is the skeptical

136  
00:06:37,430 --> 00:06:43,740  
outreach taking place there how did that

137  
00:06:40,259 --> 00:06:45,959  
all get started Derek well that started

138  
00:06:43,740 --> 00:06:48,569  
because I was really good friends with

139  
00:06:45,959 --> 00:06:50,370  
the guy in charge of the science track

140  
00:06:48,569 --> 00:06:52,240  
we'll see let me back up a little bit

141  
00:06:50,370 --> 00:06:54,819  
drankin is

142  
00:06:52,240 --> 00:06:56,769  
a lot of people view it as a sci-fi

143

00:06:54,819 --> 00:07:00,129  
fantasy convention and that's kind of

144  
00:06:56,769 --> 00:07:03,159  
how it started about 29 years ago but

145  
00:07:00,129 --> 00:07:06,538  
it's morphed into a mainly a pop culture

146  
00:07:03,160 --> 00:07:08,620  
convention so they have everything from

147  
00:07:06,538 --> 00:07:10,568  
science and space they have telescopes

148  
00:07:08,620 --> 00:07:12,970  
on the roof during drank on they got

149  
00:07:10,569 --> 00:07:15,848  
they have how to make your own clothes

150  
00:07:12,970 --> 00:07:18,160  
they have movies we've actually a few

151  
00:07:15,848 --> 00:07:21,459  
years ago the dark knight movie we did

152  
00:07:18,160 --> 00:07:24,580  
the premiere of that at dragoncon and so

153  
00:07:21,459 --> 00:07:28,959  
it is everything from movies to TV 2

154  
00:07:24,579 --> 00:07:32,829  
books to everything they have something

155  
00:07:28,959 --> 00:07:35,709  
for everybody and now it's taking over 5

156  
00:07:32,829 --> 00:07:37,779  
the large convention centers in Atlanta

157  
00:07:35,709 --> 00:07:41,258

which is crazy and then they moved all

158

00:07:37,779 --> 00:07:43,209

of our vending to the second and third

159

00:07:41,259 --> 00:07:46,389

floor of the Markham art which is the

160

00:07:43,209 --> 00:07:48,698

largest indoor shopping mart in the

161

00:07:46,389 --> 00:07:50,949

world so there we have two floors of

162

00:07:48,699 --> 00:07:55,030

that this year we have 14 of it last

163

00:07:50,949 --> 00:07:58,360

year so yeah it keeps growing my step my

164

00:07:55,029 --> 00:08:00,758

skeptic track it started in two thousand

165

00:07:58,360 --> 00:08:02,500

seven or eight I don't think of seven I

166

00:08:00,759 --> 00:08:04,629

think sieve and I think it was it was a

167

00:08:02,500 --> 00:08:08,379

already established at least a year

168

00:08:04,629 --> 00:08:11,709

before skeptics in to end up yeah and

169

00:08:08,379 --> 00:08:14,348

then uh so we keep growing now we've

170

00:08:11,709 --> 00:08:16,418

taken over one whole side of the hilton

171

00:08:14,348 --> 00:08:19,240

we have like that whole second floor

172  
00:08:16,418 --> 00:08:22,389  
hallway side yeah we've grown even more

173  
00:08:19,240 --> 00:08:24,490  
since last you were there Richard I

174  
00:08:22,389 --> 00:08:29,050  
think our room was half the size last

175  
00:08:24,490 --> 00:08:32,049  
time that you've been there and so yeah

176  
00:08:29,050 --> 00:08:35,379  
we get a bunch of big names and we do

177  
00:08:32,049 --> 00:08:37,418  
the big skeptic thing my stuff is all

178  
00:08:35,379 --> 00:08:40,088  
skeptic stuff that I run but then right

179  
00:08:37,418 --> 00:08:43,120  
across from my hallway the other side of

180  
00:08:40,089 --> 00:08:45,010  
the hallway is a science and then right

181  
00:08:43,120 --> 00:08:47,980  
up upstairs from that is space and they

182  
00:08:45,009 --> 00:08:50,679  
have like astronauts and everything I

183  
00:08:47,980 --> 00:08:52,959  
mean it's it's a pretty intense invent

184  
00:08:50,679 --> 00:08:54,699  
they have everything from complete whoo

185  
00:08:52,958 --> 00:08:58,899  
there's a service there's a supernatural

186  
00:08:54,700 --> 00:09:01,390  
track to to the skeptic track I mean

187  
00:08:58,899 --> 00:09:03,879  
there's everything like last year i

188  
00:09:01,389 --> 00:09:04,639  
think the official numbers was 68,000

189  
00:09:03,879 --> 00:09:06,649  
were

190  
00:09:04,639 --> 00:09:09,259  
ending about thirty or forty seven

191  
00:09:06,649 --> 00:09:10,759  
percent more than that now that's it's

192  
00:09:09,259 --> 00:09:14,360  
hard to imagine because when I was there

193  
00:09:10,759 --> 00:09:16,399  
for those years it was huge then and and

194  
00:09:14,360 --> 00:09:19,730  
what what what an amazing invent it is

195  
00:09:16,399 --> 00:09:23,120  
but I'm very pleased to know that the

196  
00:09:19,730 --> 00:09:26,180  
skeptic track well the skeptic track is

197  
00:09:23,120 --> 00:09:28,009  
still go here I mean I was there with

198  
00:09:26,179 --> 00:09:31,069  
people like James Randi and Phil played

199  
00:09:28,009 --> 00:09:33,679  
the bad astronomer Pamela gay was

200

00:09:31,070 --> 00:09:35,810  
speaking there I think most of the time

201  
00:09:33,679 --> 00:09:39,739  
i was there a camera was also part of

202  
00:09:35,809 --> 00:09:42,079  
verse of a dragon con so it's it's a

203  
00:09:39,740 --> 00:09:45,259  
credit to your Derek that you're such an

204  
00:09:42,080 --> 00:09:48,139  
important part of that a huge annual

205  
00:09:45,259 --> 00:09:50,210  
event and listeners if you want to blow

206  
00:09:48,139 --> 00:09:51,980  
your mind I can recommend at least one

207  
00:09:50,210 --> 00:09:54,620  
visit to dragoncon it's sort of like Las

208  
00:09:51,980 --> 00:09:56,779  
Vegas it's something you need to do or

209  
00:09:54,620 --> 00:10:00,169  
need to see once in your life which is a

210  
00:09:56,779 --> 00:10:01,610  
Segway a sneaky segue to the amazing

211  
00:10:00,169 --> 00:10:04,250  
meeting because that's where i normally

212  
00:10:01,610 --> 00:10:07,669  
catch up with you each year that is

213  
00:10:04,250 --> 00:10:10,220  
amazing meeting in las vegas yeah I'm

214  
00:10:07,669 --> 00:10:13,250

should be running a panel that you'll be

215

00:10:10,220 --> 00:10:15,710

involved with it at amateur excellent oh

216

00:10:13,250 --> 00:10:19,610

I look forward to that because you and I

217

00:10:15,710 --> 00:10:21,019

a tad damn we usually have time to have

218

00:10:19,610 --> 00:10:23,810

a chat and catch up which is really

219

00:10:21,019 --> 00:10:25,970

really a always a pleasure to see you in

220

00:10:23,809 --> 00:10:27,919

fact I'm just trying to remember if the

221

00:10:25,970 --> 00:10:30,980

first time I met you in person was

222

00:10:27,919 --> 00:10:33,259

Dragon Con or the amazing meeting and

223

00:10:30,980 --> 00:10:37,970

that sort of been lost in the mists of

224

00:10:33,259 --> 00:10:40,340

time it was amazing meeting um it was I

225

00:10:37,970 --> 00:10:44,960

think was 2006 those amazing meeting

226

00:10:40,340 --> 00:10:46,490

meeting five you might be right but yeah

227

00:10:44,960 --> 00:10:50,660

you're younger than me you've probably

228

00:10:46,490 --> 00:10:52,129

got a better memory well i am the end up

229  
00:10:50,659 --> 00:10:55,549  
in the part of my brain that creates

230  
00:10:52,129 --> 00:10:57,799  
memories is gone yeah so I I have to do

231  
00:10:55,549 --> 00:10:59,959  
use tricks to do that so my memory is

232  
00:10:57,799 --> 00:11:01,699  
completely shot well let's talk about

233  
00:10:59,960 --> 00:11:04,730  
that for a moment because I think even

234  
00:11:01,700 --> 00:11:06,560  
before I met you uh and and when I was

235  
00:11:04,730 --> 00:11:09,590  
doing a show which was the pre runner to

236  
00:11:06,559 --> 00:11:11,449  
the skeptic zone over the care crap the

237  
00:11:09,590 --> 00:11:14,690  
tag yes you see your memory is better

238  
00:11:11,450 --> 00:11:18,110  
than mine um we were listening to two

239  
00:11:14,690 --> 00:11:20,060  
skeptically at the time and one day we

240  
00:11:18,110 --> 00:11:24,889  
to download the show and there was a

241  
00:11:20,059 --> 00:11:28,419  
very short message from swoopy um this

242  
00:11:24,889 --> 00:11:33,759  
is Hopi and this is one of the things

243

00:11:28,419 --> 00:11:36,799  
that I really didn't want to do but I

244

00:11:33,759 --> 00:11:39,950  
unfortunately have to just to let people

245

00:11:36,799 --> 00:11:42,289  
know that skepticism isn't really

246

00:11:39,950 --> 00:11:44,600  
going anywhere but we are going to be on

247

00:11:42,289 --> 00:11:51,649  
a little bit of a hiatus for a little

248

00:11:44,600 --> 00:11:54,769  
while Derek unfortunately he is in the

249

00:11:51,649 --> 00:11:58,070  
hospital at this time he complained of a

250

00:11:54,769 --> 00:12:00,230  
headache during dinner and then got

251

00:11:58,070 --> 00:12:02,420  
physically sick and very quickly

252

00:12:00,230 --> 00:12:05,389  
deteriorated but thankfully by that time

253

00:12:02,419 --> 00:12:11,629  
he was nearly to the hospital where he

254

00:12:05,389 --> 00:12:13,838  
was diagnosed with a VMA which loosely

255

00:12:11,629 --> 00:12:16,639  
translated although not correct is

256

00:12:13,839 --> 00:12:19,970  
somewhat like a brain aneurysm where he

257

00:12:16,639 --> 00:12:22,669  
was bleeding into his brain he is in a

258  
00:12:19,970 --> 00:12:24,500  
coma right now but it is drug-induced as

259  
00:12:22,669 --> 00:12:27,919  
he is sedated and he is on a ventilator

260  
00:12:24,500 --> 00:12:29,299  
and he is in intensive care a short

261  
00:12:27,919 --> 00:12:31,909  
message from swoopy and it really

262  
00:12:29,299 --> 00:12:34,789  
surprised as for the benefit our

263  
00:12:31,909 --> 00:12:37,629  
listeners briefly Derek you had a quite

264  
00:12:34,789 --> 00:12:42,349  
a life-changing event some years ago

265  
00:12:37,629 --> 00:12:46,399  
yeah was 2005 about a week after dragon

266  
00:12:42,350 --> 00:12:48,379  
can't believe or not and my I had an

267  
00:12:46,399 --> 00:12:51,500  
aneurysm in my brain which I didn't know

268  
00:12:48,379 --> 00:12:53,269  
about that uh exploded shortly after

269  
00:12:51,500 --> 00:12:55,519  
drying count of two thousand five it was

270  
00:12:53,269 --> 00:12:59,028  
actually it hadn't drank had nothing to

271  
00:12:55,519 --> 00:13:01,789

do with it but it just actually it was

272

00:12:59,028 --> 00:13:04,189

just a genetic thing my genetic father

273

00:13:01,789 --> 00:13:07,549

he had the same exact thing happened the

274

00:13:04,190 --> 00:13:09,890

same exact part of his brain and his

275

00:13:07,549 --> 00:13:12,139

happened when he was one year older than

276

00:13:09,889 --> 00:13:16,509

me I happened to me when I was when I

277

00:13:12,139 --> 00:13:20,569

was 31 and happened to him and he was 32

278

00:13:16,509 --> 00:13:22,338

and he still can't walk or talk I just

279

00:13:20,570 --> 00:13:24,079

happened to be lucky enough to get

280

00:13:22,339 --> 00:13:26,449

treatment at Shepherd Center which is a

281

00:13:24,078 --> 00:13:29,539

world-renowned stroke and brain injury

282

00:13:26,448 --> 00:13:31,879

center so they got my voice back because

283

00:13:29,539 --> 00:13:35,389

I couldn't talk for almost two years

284

00:13:31,879 --> 00:13:37,639

I could but it was really bad and then

285

00:13:35,389 --> 00:13:39,799

my walking I got back pretty quick

286

00:13:37,639 --> 00:13:42,649  
because I wouldn't deal with that I

287

00:13:39,799 --> 00:13:43,549  
could walk but unless I told you you

288

00:13:42,649 --> 00:13:45,350  
probably wouldn't notice that I have

289

00:13:43,549 --> 00:13:47,240  
this weird gate to me because i have to

290

00:13:45,350 --> 00:13:49,730  
like keep my balance i have to think

291

00:13:47,240 --> 00:13:53,149  
about all the time but I that you know

292

00:13:49,730 --> 00:13:55,759  
I'm so alive that's matters yeah I guess

293

00:13:53,149 --> 00:13:59,319  
so it was a big shock to a big shock to

294

00:13:55,759 --> 00:14:01,879  
everybody and we thought well you know

295

00:13:59,320 --> 00:14:04,520  
thought the worst of feared the worst

296

00:14:01,879 --> 00:14:06,289  
what would happen next but you came back

297

00:14:04,519 --> 00:14:08,809  
and then that's a credit to you and

298

00:14:06,289 --> 00:14:12,379  
let's talk about the fact that the

299

00:14:08,809 --> 00:14:17,029  
skepticality now has a reached its

300  
00:14:12,379 --> 00:14:19,100  
10-year milestone wow it's it's it's

301  
00:14:17,029 --> 00:14:21,579  
what's the word we can look out we can

302  
00:14:19,100 --> 00:14:24,710  
steal James Randy's word it's amazing

303  
00:14:21,580 --> 00:14:27,860  
yeah it's been ten years that's weird my

304  
00:14:24,710 --> 00:14:29,960  
weedy recorded our live show 10th

305  
00:14:27,860 --> 00:14:32,570  
anniversary show actually in front of an

306  
00:14:29,960 --> 00:14:33,860  
audience here in downtown Atlanta at a

307  
00:14:32,570 --> 00:14:36,800  
place called manuals it's funny because

308  
00:14:33,860 --> 00:14:39,289  
when the fun part is is that the room I

309  
00:14:36,799 --> 00:14:41,479  
was doing my live show in two weeks

310  
00:14:39,289 --> 00:14:42,709  
before that President Obama happened be

311  
00:14:41,480 --> 00:14:45,830  
in Atlanta and that's where he did a

312  
00:14:42,710 --> 00:14:47,420  
presentation so I was like I don't think

313  
00:14:45,830 --> 00:14:52,370  
I filled the room quite as much as he

314

00:14:47,419 --> 00:14:55,159  
did but we were pretty crowded but yeah

315  
00:14:52,370 --> 00:14:58,039  
so did its kind like a party / reply

316  
00:14:55,159 --> 00:15:00,079  
recording and it was a good time and it

317  
00:14:58,039 --> 00:15:02,750  
was almost 10 years to the day actually

318  
00:15:00,080 --> 00:15:04,070  
was just before that was actually 10

319  
00:15:02,750 --> 00:15:06,830  
years but you know we were pretty much

320  
00:15:04,070 --> 00:15:10,670  
almost to the day when we did the

321  
00:15:06,830 --> 00:15:13,310  
recording so was kind of fun and it's

322  
00:15:10,669 --> 00:15:15,110  
it's is how to describe to people I

323  
00:15:13,309 --> 00:15:16,729  
guess you and I sort of in the same boat

324  
00:15:15,110 --> 00:15:18,289  
enough friends at the skeptics guide to

325  
00:15:16,730 --> 00:15:21,710  
the universe who also just celebrated

326  
00:15:18,289 --> 00:15:26,149  
their ten years of yeah we me and me and

327  
00:15:21,710 --> 00:15:29,000  
Steve novela recorded an interview right

328  
00:15:26,149 --> 00:15:31,329

before our death of every show for

329

00:15:29,000 --> 00:15:33,980

typicality can't the air dry before my

330

00:15:31,330 --> 00:15:36,220

10th anniversary show and we talked

331

00:15:33,980 --> 00:15:38,990

about this and we figured it out that

332

00:15:36,220 --> 00:15:42,470

skeptics guide came out about a week and

333

00:15:38,990 --> 00:15:45,419

a half after a skeptic ality and we

334

00:15:42,470 --> 00:15:48,259

didn't know about each other well it

335

00:15:45,419 --> 00:15:52,709

happened to come out that way well I

336

00:15:48,259 --> 00:15:55,019

must look into this one day I as just

337

00:15:52,710 --> 00:15:59,700

off the top of my head and as a guess I

338

00:15:55,019 --> 00:16:01,919

would probably say that the skeptic

339

00:15:59,700 --> 00:16:03,300

ality then followed by the skeptics

340

00:16:01,919 --> 00:16:05,189

guide to the universe then possibly

341

00:16:03,299 --> 00:16:07,199

followed by this show the skeptic so

342

00:16:05,190 --> 00:16:09,600

might be the three oldest skeptical

343  
00:16:07,200 --> 00:16:11,910  
podcasts I am just guessing now I'm

344  
00:16:09,600 --> 00:16:14,220  
think you might be right because I think

345  
00:16:11,909 --> 00:16:18,539  
because I think you're after I found

346  
00:16:14,220 --> 00:16:20,759  
about the skeptics of God universe they

347  
00:16:18,539 --> 00:16:23,069  
uh then I look for others and I think

348  
00:16:20,759 --> 00:16:26,009  
the only one that was out at that time

349  
00:16:23,070 --> 00:16:27,990  
was the tank well that's that's true

350  
00:16:26,009 --> 00:16:30,659  
that you're absolutely right because the

351  
00:16:27,990 --> 00:16:35,269  
tank was gee it's around about the same

352  
00:16:30,659 --> 00:16:38,370  
time but i guess the tank was a video

353  
00:16:35,269 --> 00:16:40,439  
show yeah it was a you know I tried to

354  
00:16:38,370 --> 00:16:42,090  
get it out once a week or it was very

355  
00:16:40,440 --> 00:16:44,430  
difficult being a video show but that

356  
00:16:42,090 --> 00:16:46,050  
killed me because it was I've been

357  
00:16:44,429 --> 00:16:48,089  
putting together an audio podcast every

358  
00:16:46,049 --> 00:16:51,120  
week folks is it's quite a task but

359  
00:16:48,090 --> 00:16:54,870  
imagine putting out regularly a video

360  
00:16:51,120 --> 00:16:57,450  
show with interviews and crosses and all

361  
00:16:54,870 --> 00:17:00,509  
that sort of thing in reports it was fun

362  
00:16:57,450 --> 00:17:03,980  
for a little while but it was ridiculous

363  
00:17:00,509 --> 00:17:07,890  
and I must say the main reason i

364  
00:17:03,980 --> 00:17:10,500  
switched to being back to being a audio

365  
00:17:07,890 --> 00:17:12,150  
was I thought well people are which

366  
00:17:10,500 --> 00:17:14,039  
people doing right now listening to us

367  
00:17:12,150 --> 00:17:16,730  
people are driving their cars there on

368  
00:17:14,039 --> 00:17:18,960  
the train going to work their jogging

369  
00:17:16,730 --> 00:17:21,569  
it's a lot easier for these people to

370  
00:17:18,960 --> 00:17:23,329  
listen to a show than to and to see it

371

00:17:21,569 --> 00:17:26,189  
but yeah I guess we've been we've been

372  
00:17:23,329 --> 00:17:28,529  
working beaver away for a long time

373  
00:17:26,190 --> 00:17:29,910  
now Derek yeah well I see I always

374  
00:17:28,529 --> 00:17:32,609  
thought about the same thing is that

375  
00:17:29,910 --> 00:17:35,180  
yeah you could do some video shows the

376  
00:17:32,609 --> 00:17:38,759  
thing is that most of the content thats

377  
00:17:35,180 --> 00:17:40,370  
related to what we talked about it

378  
00:17:38,759 --> 00:17:42,690  
doesn't really have much of an idio

379  
00:17:40,369 --> 00:17:45,750  
component and then to add the video to

380  
00:17:42,690 --> 00:17:47,850  
it you might have to pay me because

381  
00:17:45,750 --> 00:17:52,859  
editing video is completely different

382  
00:17:47,849 --> 00:17:54,779  
than editing audio yes and also like you

383  
00:17:52,859 --> 00:17:56,490  
said people can listen to this in their

384  
00:17:54,779 --> 00:17:57,869  
car and I know a lot of people do

385  
00:17:56,490 --> 00:17:59,220

because I get emails all the time from

386

00:17:57,869 --> 00:18:01,168

people who say

387

00:17:59,220 --> 00:18:03,569

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

388

00:18:01,169 --> 00:18:05,788

the way to school or whatever so yeah

389

00:18:03,569 --> 00:18:08,250

and now they just announced that

390

00:18:05,788 --> 00:18:11,429

podcasts are now in Spotify and I know

391

00:18:08,250 --> 00:18:13,619

that Skippy County is one of the first

392

00:18:11,429 --> 00:18:16,288

ones that put in there so now if you

393

00:18:13,619 --> 00:18:19,109

have spotify and you does the music

394

00:18:16,288 --> 00:18:21,960

discovery it will discover podcast too

395

00:18:19,109 --> 00:18:24,298

so well that's the whole thing we want

396

00:18:21,960 --> 00:18:26,700

to make it easy for people to understand

397

00:18:24,298 --> 00:18:28,619

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

398

00:18:26,700 --> 00:18:32,429

easier for people to pop in a pair of

399

00:18:28,619 --> 00:18:33,899

headphones or turn on the the car system

400  
00:18:32,429 --> 00:18:36,360  
listen to us in the car well I think

401  
00:18:33,900 --> 00:18:37,590  
that's that's the way to go it and of

402  
00:18:36,359 --> 00:18:40,349  
course one of the people i do remember

403  
00:18:37,589 --> 00:18:42,480  
meeting many years ago and we were all

404  
00:18:40,349 --> 00:18:44,490  
sort of getting underway and things were

405  
00:18:42,480 --> 00:18:47,909  
sort of bubbling along with swoopy the

406  
00:18:44,490 --> 00:18:49,558  
wonderful swoopy your your co-host who

407  
00:18:47,909 --> 00:18:51,840  
was just a delight to meet in person

408  
00:18:49,558 --> 00:18:55,200  
yeah she actually came to the live

409  
00:18:51,839 --> 00:18:56,908  
recording at our 10th anniversary show

410  
00:18:55,200 --> 00:18:59,279  
so it was kind of nice to have her we

411  
00:18:56,909 --> 00:19:01,230  
did that fool shell with her which is

412  
00:18:59,279 --> 00:19:03,058  
hard for to do now because you know

413  
00:19:01,230 --> 00:19:05,880  
she's a medical school and she's also a

414  
00:19:03,058 --> 00:19:07,678  
double major so not only medical school

415  
00:19:05,880 --> 00:19:09,510  
but two different metal of degrees she's

416  
00:19:07,679 --> 00:19:11,640  
going to school for at the same time and

417  
00:19:09,509 --> 00:19:15,419  
she's a full she goes to work full time

418  
00:19:11,640 --> 00:19:18,000  
so school full time and um it worked

419  
00:19:15,419 --> 00:19:21,360  
full time she has like no time at all at

420  
00:19:18,000 --> 00:19:23,429  
all so yeah I'm willin pleased that she

421  
00:19:21,359 --> 00:19:26,908  
was she was part of it I mean that was

422  
00:19:23,429 --> 00:19:28,740  
the the package from in the very

423  
00:19:26,909 --> 00:19:30,690  
beginning and you've got that wonderful

424  
00:19:28,740 --> 00:19:33,599  
cartoon of you two dressed like secret

425  
00:19:30,690 --> 00:19:36,360  
agents too yeah we actually the 10th

426  
00:19:33,599 --> 00:19:39,058  
anniversary show recording we actually

427  
00:19:36,359 --> 00:19:41,819  
unveiled our new logo which we use that

428

00:19:39,058 --> 00:19:44,308  
logo week that we had from the beginning

429  
00:19:41,819 --> 00:19:49,859  
all the way until our 10th anniversary

430  
00:19:44,308 --> 00:19:51,210  
show so we finally changed our logo well

431  
00:19:49,859 --> 00:19:53,908  
it's something you have to do every 10

432  
00:19:51,210 --> 00:19:55,500  
years yeah yeah after 10 day 10 years

433  
00:19:53,909 --> 00:19:59,780  
ago you know changed up a little bit

434  
00:19:55,500 --> 00:20:02,400  
yeah I guess famously you a mentioned

435  
00:19:59,779 --> 00:20:06,629  
skeptical that he was mentioned by Apple

436  
00:20:02,400 --> 00:20:09,570  
yeah about three days before my aneurysm

437  
00:20:06,630 --> 00:20:11,700  
blue Steve Jobs had a picture of me and

438  
00:20:09,569 --> 00:20:13,139  
sweetly behind him when they announced

439  
00:20:11,700 --> 00:20:15,690  
podcasting because it

440  
00:20:13,140 --> 00:20:17,700  
been in itunes for about three or four

441  
00:20:15,690 --> 00:20:19,500  
weeks or maybe a month or two before the

442  
00:20:17,700 --> 00:20:21,900

actual key know where he talked about it

443

00:20:19,500 --> 00:20:24,240

and then when he had when he talked

444

00:20:21,900 --> 00:20:27,750

about the reporting of how popular the

445

00:20:24,240 --> 00:20:29,700

podcasting part of itunes has been he

446

00:20:27,750 --> 00:20:31,559

actually had the picture of us behind

447

00:20:29,700 --> 00:20:35,130

him because kept ducati was the number

448

00:20:31,559 --> 00:20:37,679

one podcast overall 40 two or three

449

00:20:35,130 --> 00:20:39,690

months at the beginning so Wow so like

450

00:20:37,680 --> 00:20:41,400

that there's jobs are talking about it

451

00:20:39,690 --> 00:20:43,410

and there's a picture of us behind him

452

00:20:41,400 --> 00:20:45,240

and then people so maybe your brain

453

00:20:43,410 --> 00:20:51,690

exploded because d.jives talked about

454

00:20:45,240 --> 00:20:54,720

you maybe it did in fact I remember

455

00:20:51,690 --> 00:20:56,190

after it's all sort of coming to get its

456

00:20:54,720 --> 00:20:57,900

gelling in my mind now because I

457  
00:20:56,190 --> 00:20:59,820  
remember after he during swoopy give

458  
00:20:57,900 --> 00:21:02,730  
that announcement on skeptic ality that

459  
00:20:59,819 --> 00:21:06,269  
and she was quite emotional about it the

460  
00:21:02,730 --> 00:21:08,009  
very next episode of the tank I think it

461  
00:21:06,269 --> 00:21:11,129  
was the tank I was doing at the time we

462  
00:21:08,009 --> 00:21:12,660  
we mentioned that and say so yes I it's

463  
00:21:11,130 --> 00:21:15,360  
it's interesting after all these years I

464  
00:21:12,660 --> 00:21:16,860  
can sort of Titan tie things in well

465  
00:21:15,359 --> 00:21:20,339  
it's suffice it to say we both been

466  
00:21:16,859 --> 00:21:23,579  
doing this for far too long Gary I've

467  
00:21:20,339 --> 00:21:26,009  
been doing stuff audio related since i

468  
00:21:23,579 --> 00:21:29,699  
was in college so i actually was a DJ on

469  
00:21:26,009 --> 00:21:32,250  
a alt rock station in las vegas for a

470  
00:21:29,700 --> 00:21:34,710  
while so I've been behind a microphone

471  
00:21:32,250 --> 00:21:39,809  
since I was you know in my early

472  
00:21:34,710 --> 00:21:41,490  
twenties so I after 20 years so sunny 20

473  
00:21:39,809 --> 00:21:44,099  
years or so I don't know what I'm gonna

474  
00:21:41,490 --> 00:21:46,049  
stop I think that's the right attitude

475  
00:21:44,099 --> 00:21:47,519  
yeah we haven't been doing this for too

476  
00:21:46,049 --> 00:21:50,549  
long we haven't been doing it long

477  
00:21:47,519 --> 00:21:52,440  
enough Derek Colin dunno congratulations

478  
00:21:50,549 --> 00:21:54,930  
on 10 wonderful years of skeptic ality

479  
00:21:52,440 --> 00:21:57,330  
on onwards to the future and if there

480  
00:21:54,930 --> 00:22:00,090  
are some people out there who for some

481  
00:21:57,329 --> 00:22:02,609  
strange reason haven't heard skeptic

482  
00:22:00,089 --> 00:22:06,269  
ality where's the best place they can

483  
00:22:02,609 --> 00:22:07,949  
find out www at skeptic aldi dicom or

484  
00:22:06,269 --> 00:22:10,049  
where the official show of skeptic

485

00:22:07,950 --> 00:22:12,590  
magazine Swift go to skeptic calm and go

486  
00:22:10,049 --> 00:22:14,940  
to their podcast section or right there

487  
00:22:12,589 --> 00:22:15,959  
you're right there Derek I'm glad you're

488  
00:22:14,940 --> 00:22:17,970  
right there I hope you're going to be

489  
00:22:15,960 --> 00:22:21,299  
right there for many years to come again

490  
00:22:17,970 --> 00:22:23,430  
once more hearty congratulations and I

491  
00:22:21,299 --> 00:22:26,369  
look forward to seeing you in person in

492  
00:22:23,430 --> 00:22:28,110  
oh not very very many weeks at the

493  
00:22:26,369 --> 00:22:30,149  
easy meeting I'm very cool hope

494  
00:22:28,109 --> 00:22:33,179  
hopefully we'll have time to do

495  
00:22:30,150 --> 00:22:38,190  
something other than talk about you know

496  
00:22:33,180 --> 00:22:39,930  
four minutes again but let's let's find

497  
00:22:38,190 --> 00:22:41,549  
some more time and we can oh I don't

498  
00:22:39,930 --> 00:22:46,890  
know I could even interview you again

499  
00:22:41,549 --> 00:22:57,149

who knows yeah probably holy season

500

00:22:46,890 --> 00:22:59,130

Derek all right thank you hi there I'm

501

00:22:57,150 --> 00:23:00,720

Ross ball Trump Brisbane skeptics

502

00:22:59,130 --> 00:23:04,020

society and we are happy to announce

503

00:23:00,720 --> 00:23:07,350

brisbane skeptic camp 4 2015 on saturday

504

00:23:04,019 --> 00:23:09,150

july the 4th at hamilton town hall we

505

00:23:07,349 --> 00:23:11,819

have special international guests and

506

00:23:09,150 --> 00:23:14,220

author peter bogosian and the debut of

507

00:23:11,819 --> 00:23:16,579

the Brisbane skeptics society skeptic

508

00:23:14,220 --> 00:23:20,100

rabbit hole a fun panel show and comedy

509

00:23:16,579 --> 00:23:22,500

experience registration is free and you

510

00:23:20,099 --> 00:23:29,669

can do that at bris kepta camp gorg

511

00:23:22,500 --> 00:23:32,069

that's brisk f de Kamp org welcome to a

512

00:23:29,670 --> 00:23:34,350

week in science from our iOS bringing

513

00:23:32,069 --> 00:23:36,329

you the science you need to know we've

514  
00:23:34,349 --> 00:23:38,579  
all had to clear our ears wipe our eyes

515  
00:23:36,329 --> 00:23:40,619  
and blow our noses so why do our faces

516  
00:23:38,579 --> 00:23:43,319  
sometimes feel like a conveyor belt of

517  
00:23:40,619 --> 00:23:46,319  
gunk and goo well it's thanks to cerumen

518  
00:23:43,319 --> 00:23:49,849  
count and NICUs that's earwax I sleep

519  
00:23:46,319 --> 00:23:49,849  
and snot for those playing at home

520  
00:23:55,700 --> 00:24:01,019  
let's kick off with AO acts which isn't

521  
00:23:58,500 --> 00:24:03,630  
actually wax at all the glue / yellow

522  
00:24:01,019 --> 00:24:04,950  
secretion called cerumen catches dust

523  
00:24:03,630 --> 00:24:07,500  
and debris before it can reach the

524  
00:24:04,950 --> 00:24:09,539  
eardrum protects the skin and lubricate

525  
00:24:07,500 --> 00:24:11,339  
the ear thanks to earwax you don't

526  
00:24:09,539 --> 00:24:13,769  
actually have to clean out your ears as

527  
00:24:11,339 --> 00:24:16,139  
you wiggle your jaw you help move your

528  
00:24:13,769 --> 00:24:18,420  
ear wax from inside to out cleaning as

529  
00:24:16,140 --> 00:24:20,670  
it goes until it just falls out now

530  
00:24:18,420 --> 00:24:22,769  
imagine if your tears evaporated right

531  
00:24:20,670 --> 00:24:24,420  
out of your eyes not only would that be

532  
00:24:22,769 --> 00:24:26,579  
uncomfortable but you wouldn't even be

533  
00:24:24,420 --> 00:24:28,200  
able to see but you have I sleep to

534  
00:24:26,579 --> 00:24:30,720  
think that tears stay where they're

535  
00:24:28,200 --> 00:24:33,900  
supposed to be ground is a mixture of

536  
00:24:30,720 --> 00:24:35,700  
dust skin cells mucus and oil it's

537  
00:24:33,900 --> 00:24:38,190  
produced constantly but at night it

538  
00:24:35,700 --> 00:24:39,840  
accumulates and drives it removes dust

539  
00:24:38,190 --> 00:24:41,640  
helps your eyes still shut when you

540  
00:24:39,839 --> 00:24:45,539  
close them and stops your tears from

541  
00:24:41,640 --> 00:24:48,240  
falling out or evaporating and that

542

00:24:45,539 --> 00:24:50,519  
brings us to snot also known as mucus

543  
00:24:48,240 --> 00:24:53,519  
it's a watery secretion high in proteins

544  
00:24:50,519 --> 00:24:55,139  
and protective enzymes mucus lubricates

545  
00:24:53,519 --> 00:24:57,660  
your nostrils and filters air as you

546  
00:24:55,140 --> 00:24:59,580  
breathe in it catches dust particles and

547  
00:24:57,660 --> 00:25:01,830  
microorganisms before they can enter the

548  
00:24:59,579 --> 00:25:04,049  
body to get rid of the nasty stuff the

549  
00:25:01,829 --> 00:25:05,909  
mucus is caught tiny little hairlike

550  
00:25:04,049 --> 00:25:08,399  
growths called cilia rock back and forth

551  
00:25:05,910 --> 00:25:10,170  
to push the mucus from the nostrils down

552  
00:25:08,400 --> 00:25:12,269  
the back of the throat once you swallow

553  
00:25:10,170 --> 00:25:14,100  
it the mucus is reabsorbed the dust

554  
00:25:12,269 --> 00:25:16,170  
passes through your system and any

555  
00:25:14,099 --> 00:25:18,149  
bacteria is killed by your stomach acid

556  
00:25:16,170 --> 00:25:19,950

and of course sometimes you get rid of

557

00:25:18,150 --> 00:25:22,110

mucus by blowing it straight out of your

558

00:25:19,950 --> 00:25:24,299

nose well it's about that time grab your

559

00:25:22,109 --> 00:25:28,500

tissues it's for fast facts about face

560

00:25:24,299 --> 00:25:30,240

gunk snot can turn bright green or

561

00:25:28,500 --> 00:25:32,220

yellow when your immune system has been

562

00:25:30,240 --> 00:25:34,259

fighting an infection there are two

563

00:25:32,220 --> 00:25:37,410

genetically determined types of earwax

564

00:25:34,259 --> 00:25:39,599

dry and wet and scientists can use them

565

00:25:37,410 --> 00:25:41,640

to study human migration and evolution

566

00:25:39,599 --> 00:25:43,230

the anatomical feature where tears

567

00:25:41,640 --> 00:25:45,900

collect is called the lacrimal punctum

568

00:25:43,230 --> 00:25:48,930

and the average person produces about

569

00:25:45,900 --> 00:25:51,780

one liter of snot every single day

570

00:25:48,930 --> 00:25:53,880

that's it for this week in science for

571  
00:25:51,779 --> 00:25:58,039  
more information about face gunk go to

572  
00:25:53,880 --> 00:26:01,230  
the Arias website RI aus org a you

573  
00:25:58,039 --> 00:26:03,809  
follow us on twitter at our iOS and like

574  
00:26:01,230 --> 00:26:04,279  
us on facebook i'm casey harrigan and

575  
00:26:03,809 --> 00:26:23,539  
we'll catch

576  
00:26:04,279 --> 00:26:35,269  
next week it's the raw skeptic report

577  
00:26:23,539 --> 00:26:37,819  
with Heidi Robertson hi everyone it's

578  
00:26:35,269 --> 00:26:39,920  
blowing a gale outside at the moment so

579  
00:26:37,819 --> 00:26:43,250  
that's what you may be hearing this week

580  
00:26:39,920 --> 00:26:46,490  
in the background on Tuesday this week

581  
00:26:43,250 --> 00:26:49,730  
dr. Jeanette young Queensland chief

582  
00:26:46,490 --> 00:26:52,549  
health officer with dr. Brad McCall of

583  
00:26:49,730 --> 00:26:54,079  
the Public Health Unit held a media

584  
00:26:52,549 --> 00:26:56,269  
conference to announce that a

585  
00:26:54,079 --> 00:26:59,539  
brisbane-based ambulance paramedic had

586  
00:26:56,269 --> 00:27:01,519  
been diagnosed with measles at the time

587  
00:26:59,539 --> 00:27:03,079  
of writing this report the paramedic is

588  
00:27:01,519 --> 00:27:07,369  
said to be in a serious but stable

589  
00:27:03,079 --> 00:27:13,129  
condition a couple of fast facts about

590  
00:27:07,369 --> 00:27:17,509  
measles from our website WWE nrvs info

591  
00:27:13,130 --> 00:27:20,780  
as well as the immunized health gov au

592  
00:27:17,509 --> 00:27:23,410  
website our website was written by a dr.

593  
00:27:20,779 --> 00:27:26,389  
Rachel heap an intensivist and

594  
00:27:23,410 --> 00:27:28,070  
fact-checked by Professor boy from the

595  
00:27:26,390 --> 00:27:33,020  
National Center for immunization

596  
00:27:28,069 --> 00:27:35,480  
research and surveillance quote measles

597  
00:27:33,019 --> 00:27:39,230  
is one of the most contagious diseases

598  
00:27:35,480 --> 00:27:41,539  
known amongst susceptible people nine

599

00:27:39,230 --> 00:27:44,079  
out of 10 exposed to measles will catch

600  
00:27:41,539 --> 00:27:47,319  
it susceptible people are either

601  
00:27:44,079 --> 00:27:50,240  
unamused or have never had the disease

602  
00:27:47,319 --> 00:27:52,730  
the measles virus is capable of

603  
00:27:50,240 --> 00:27:55,670  
surviving for two hours outside the body

604  
00:27:52,730 --> 00:27:58,539  
in the air or on hard surfaces after an

605  
00:27:55,670 --> 00:28:01,490  
infected person has coughed or sneezed

606  
00:27:58,539 --> 00:28:04,039  
it can affect people of any age and

607  
00:28:01,490 --> 00:28:07,220  
prior to the development of an effective

608  
00:28:04,039 --> 00:28:12,680  
vaccine it caused an estimated 2.6

609  
00:28:07,220 --> 00:28:16,700  
million deaths a year in 2011 there were

610  
00:28:12,680 --> 00:28:18,049  
an estimated 158,000 measles deaths

611  
00:28:16,700 --> 00:28:22,130  
globally

612  
00:28:18,049 --> 00:28:23,720  
or about 430 deaths every day and most

613  
00:28:22,130 --> 00:28:26,780

of these deaths occurred in children

614

00:28:23,720 --> 00:28:28,490

under the age of five years even in

615

00:28:26,779 --> 00:28:31,069

developed countries with excellent

616

00:28:28,490 --> 00:28:32,779

health care one-quarter to one-third of

617

00:28:31,069 --> 00:28:35,299

people who catch it need to be looked

618

00:28:32,779 --> 00:28:39,379

after in hospital and one to two out of

619

00:28:35,299 --> 00:28:41,720

every 1,000 will die the measles vaccine

620

00:28:39,380 --> 00:28:45,380

with two doses is about ninety nine

621

00:28:41,720 --> 00:28:48,589

percent effective the first vaccine is

622

00:28:45,380 --> 00:28:51,380

given at one year of age breastfeeding

623

00:28:48,589 --> 00:28:53,419

offers some protection but even then

624

00:28:51,380 --> 00:28:56,300

babies are vulnerable to catching the

625

00:28:53,420 --> 00:28:59,960

disease until they are old enough to be

626

00:28:56,299 --> 00:29:02,000

vaccinated there are also the

627

00:28:59,960 --> 00:29:04,069

after-effects of measles to consider

628  
00:29:02,000 --> 00:29:07,660  
morbidity rates and of course the

629  
00:29:04,069 --> 00:29:10,519  
dreadful sspe a fatal neurodegenerative

630  
00:29:07,660 --> 00:29:14,000  
disease which can turn up years after

631  
00:29:10,519 --> 00:29:16,730  
measles infection it's worth repeating

632  
00:29:14,000 --> 00:29:19,099  
here when we know of these facts how

633  
00:29:16,730 --> 00:29:21,289  
utterly irresponsible stephanie

634  
00:29:19,099 --> 00:29:24,679  
messengers book Melody's marvelous

635  
00:29:21,289 --> 00:29:28,329  
measles is if you recall Joe alabaster's

636  
00:29:24,680 --> 00:29:30,620  
book review on it in episode number 330

637  
00:29:28,329 --> 00:29:33,199  
Messenger is an Australian

638  
00:29:30,619 --> 00:29:36,739  
anti-vaccination advocate who wrote this

639  
00:29:33,200 --> 00:29:39,830  
book for children I repeat it is aimed

640  
00:29:36,740 --> 00:29:43,069  
at children promoting measles as a

641  
00:29:39,829 --> 00:29:45,710  
marvellous disease to contract all the

642  
00:29:43,069 --> 00:29:48,679  
more horrible when the books titles so

643  
00:29:45,710 --> 00:29:52,039  
closely reflects Roald Dahl's book

644  
00:29:48,680 --> 00:29:55,009  
George's marvelous medicine and the fact

645  
00:29:52,039 --> 00:29:59,450  
that Roald Dahl's daughter died of

646  
00:29:55,009 --> 00:30:02,599  
measles classy back to the measles case

647  
00:29:59,450 --> 00:30:04,490  
in Brisbane Queensland Health has not

648  
00:30:02,599 --> 00:30:06,769  
commented on the vaccination status of

649  
00:30:04,490 --> 00:30:09,380  
the ambulance officer so it's important

650  
00:30:06,769 --> 00:30:11,569  
that we not assume anything perhaps he

651  
00:30:09,380 --> 00:30:14,000  
was vaccinated and he did not mount an

652  
00:30:11,569 --> 00:30:16,549  
immune response perhaps his immunity

653  
00:30:14,000 --> 00:30:19,910  
waned over time perhaps he was not

654  
00:30:16,549 --> 00:30:21,889  
vaccinated we don't know what we do know

655  
00:30:19,910 --> 00:30:24,110  
is that whilst not knowing he was

656

00:30:21,890 --> 00:30:26,420  
infected the paramedic was still on

657  
00:30:24,109 --> 00:30:28,579  
active duties and therefore treating and

658  
00:30:26,420 --> 00:30:31,700  
transporting dozens of sick and injured

659  
00:30:28,579 --> 00:30:34,730  
people 24 identified hospitals

660  
00:30:31,700 --> 00:30:37,340  
brisbane in addition of course he

661  
00:30:34,730 --> 00:30:39,798  
attended many other public locations as

662  
00:30:37,339 --> 00:30:43,158  
well as several businesses on Moreton

663  
00:30:39,798 --> 00:30:45,589  
Island with the very young elderly and

664  
00:30:43,159 --> 00:30:48,470  
other susceptible people such as cancer

665  
00:30:45,589 --> 00:30:50,569  
patients who may have less than optimal

666  
00:30:48,470 --> 00:30:53,028  
immune function this is not an

667  
00:30:50,569 --> 00:30:56,500  
insignificant public health risk given

668  
00:30:53,028 --> 00:30:59,058  
just how contagious this disease is

669  
00:30:56,500 --> 00:31:01,130  
Cameron deck the Queensland Health

670  
00:30:59,058 --> 00:31:02,960

Minister has said that the health

671

00:31:01,130 --> 00:31:04,549  
department is now going to look at

672

00:31:02,960 --> 00:31:07,159  
getting all ambulance officers

673

00:31:04,548 --> 00:31:08,990  
vaccinated and is also going to look at

674

00:31:07,159 --> 00:31:11,899  
extending this to other health care

675

00:31:08,990 --> 00:31:13,730  
workers on social media many have

676

00:31:11,898 --> 00:31:16,308  
expressed surprise that this is not

677

00:31:13,730 --> 00:31:19,339  
already the case why are some of our

678

00:31:16,308 --> 00:31:22,548  
health care workers not required to have

679

00:31:19,339 --> 00:31:26,028  
vaccines such as pertussis influenza

680

00:31:22,548 --> 00:31:28,609  
measles and the like in many health care

681

00:31:26,028 --> 00:31:32,599  
professions it is simply strongly

682

00:31:28,609 --> 00:31:34,038  
advised but not mandatory hepatitis B

683

00:31:32,599 --> 00:31:35,898  
seems to be the only one that is

684

00:31:34,038 --> 00:31:37,759  
enforced although there are some

685  
00:31:35,898 --> 00:31:40,158  
organizations such as the New South

686  
00:31:37,759 --> 00:31:42,200  
Wales ambulance service who require

687  
00:31:40,159 --> 00:31:46,850  
employees to be vaccinated for hepatitis

688  
00:31:42,200 --> 00:31:50,210  
B varicella MMR diphtheria pertussis and

689  
00:31:46,849 --> 00:31:51,888  
tetanus it is not mandatory for them to

690  
00:31:50,210 --> 00:31:53,870  
have boosters for pertussis and

691  
00:31:51,888 --> 00:31:58,129  
influenza although again it is strongly

692  
00:31:53,869 --> 00:32:01,189  
advised apart from the issue of health

693  
00:31:58,130 --> 00:32:03,590  
care workers being unamused or under

694  
00:32:01,190 --> 00:32:06,110  
immunized there is also the issue of

695  
00:32:03,589 --> 00:32:07,879  
child care workers in Australia who are

696  
00:32:06,109 --> 00:32:11,028  
not required to have vaccinations in

697  
00:32:07,880 --> 00:32:14,360  
order to look after children so we have

698  
00:32:11,028 --> 00:32:17,028  
the situation where the no jab no play

699

00:32:14,359 --> 00:32:19,038  
legislation has come in which requires

700

00:32:17,028 --> 00:32:21,048  
parents to produce evidence of their

701

00:32:19,038 --> 00:32:23,950  
child's vaccination status on enrollment

702

00:32:21,048 --> 00:32:28,668  
into a child care or preschool facility

703

00:32:23,950 --> 00:32:31,340  
we have the newly proposed no jab nope a

704

00:32:28,669 --> 00:32:33,288  
policy which will require children in

705

00:32:31,339 --> 00:32:35,089  
child care to be vaccinated and their

706

00:32:33,288 --> 00:32:37,700  
parents not to be able to claim

707

00:32:35,089 --> 00:32:39,949  
religious and philosophical exemptions

708

00:32:37,700 --> 00:32:42,259  
if they wish to receive certain

709

00:32:39,950 --> 00:32:44,429  
government benefits we have these

710

00:32:42,259 --> 00:32:46,950  
initiatives to try to raise vaccinate

711

00:32:44,429 --> 00:32:49,320  
gen raits but we don't require the

712

00:32:46,950 --> 00:32:53,129  
people looking after our children to be

713

00:32:49,319 --> 00:32:54,778  
vaccinated legislation has changed

714  
00:32:53,128 --> 00:32:57,748  
regarding vaccination following the

715  
00:32:54,778 --> 00:33:00,298  
deaths of both Dana McCaffrey and Riley

716  
00:32:57,749 --> 00:33:04,710  
Hughes both from whooping cough both

717  
00:33:00,298 --> 00:33:06,679  
passing away at 32 days now a health

718  
00:33:04,710 --> 00:33:09,350  
care worker who may have unwittingly

719  
00:33:06,679 --> 00:33:11,548  
infected dozens of people with measles

720  
00:33:09,349 --> 00:33:14,668  
prompts are called to have all health

721  
00:33:11,548 --> 00:33:16,349  
workers in Queensland vaccinated I have

722  
00:33:14,669 --> 00:33:20,669  
a few questions that listeners may be

723  
00:33:16,349 --> 00:33:22,589  
able to comment on why can we not take a

724  
00:33:20,669 --> 00:33:25,200  
more proactive rather than reactive

725  
00:33:22,589 --> 00:33:27,418  
approach and ask that all health care

726  
00:33:25,200 --> 00:33:31,139  
workers across Australia be vaccinated

727  
00:33:27,419 --> 00:33:32,429

is it too much to ask for anyone who has

728

00:33:31,138 --> 00:33:35,308

to apply for a working with children

729

00:33:32,429 --> 00:33:38,669

check to also be up to date with their

730

00:33:35,308 --> 00:33:41,308

vaccinations would there be potentially

731

00:33:38,669 --> 00:33:44,909

a case for litigation in an instance

732

00:33:41,308 --> 00:33:47,038

such as this hypothetical example let's

733

00:33:44,909 --> 00:33:49,590

say mrs. Jones works in a childcare

734

00:33:47,038 --> 00:33:52,169

center looking after babies ranging from

735

00:33:49,589 --> 00:33:55,109

six weeks of age to children of five

736

00:33:52,169 --> 00:33:57,299

years of age let's also say that mrs.

737

00:33:55,109 --> 00:34:01,109

Jones has always been a conscientious

738

00:33:57,298 --> 00:34:02,788

objector as were her parents this means

739

00:34:01,109 --> 00:34:05,628

that mrs. Jones has never been

740

00:34:02,788 --> 00:34:08,668

vaccinated for anything in her life

741

00:34:05,628 --> 00:34:11,279

master Smith aged eight weeks is

742  
00:34:08,668 --> 00:34:14,338  
delivered into mrs. Jones care three

743  
00:34:11,280 --> 00:34:16,559  
days a week master Smith's mum and dad

744  
00:34:14,338 --> 00:34:19,230  
have just had him vaccinated according

745  
00:34:16,559 --> 00:34:23,359  
to the schedule for diphtheria tetanus

746  
00:34:19,230 --> 00:34:27,148  
pertussis polio hebe hepatitis B

747  
00:34:23,358 --> 00:34:29,190  
pneumococcal disease and rotavirus they

748  
00:34:27,148 --> 00:34:31,618  
are not only proponents of vaccination

749  
00:34:29,190 --> 00:34:34,200  
but need to have him vaccinated in order

750  
00:34:31,619 --> 00:34:37,108  
to receive certain child care benefits

751  
00:34:34,199 --> 00:34:40,138  
from the government mrs. Jones comes to

752  
00:34:37,108 --> 00:34:42,750  
work infectious with whooping cough it

753  
00:34:40,139 --> 00:34:46,068  
presents as an irritating cough which he

754  
00:34:42,750 --> 00:34:48,690  
has not yet had checked by a doctor

755  
00:34:46,068 --> 00:34:52,469  
because no vaccine is a hundred percent

756  
00:34:48,690 --> 00:34:55,409  
effective and he has had only one dose

757  
00:34:52,469 --> 00:34:57,569  
of the pertussis vaccine Mastersmith

758  
00:34:55,409 --> 00:34:59,849  
contracts whooping cough

759  
00:34:57,570 --> 00:35:02,519  
because he is so young he becomes very

760  
00:34:59,849 --> 00:35:05,429  
sick with it and has to be admitted to a

761  
00:35:02,519 --> 00:35:08,369  
pediatric intensive care unit where he

762  
00:35:05,429 --> 00:35:10,769  
spends the next couple of months he

763  
00:35:08,369 --> 00:35:14,460  
survives with permanent brain damage and

764  
00:35:10,769 --> 00:35:18,179  
scarring of the lungs so can and should

765  
00:35:14,460 --> 00:35:20,010  
mrs. Jones be sued in order to be sued

766  
00:35:18,179 --> 00:35:23,339  
in such a situation there needs to be

767  
00:35:20,010 --> 00:35:26,070  
three things present number one the

768  
00:35:23,340 --> 00:35:27,990  
person being sued needs to have a legal

769  
00:35:26,070 --> 00:35:30,450  
duty of care to the injured or ill

770

00:35:27,989 --> 00:35:32,399  
person in this case being a childcare

771  
00:35:30,449 --> 00:35:35,099  
worker this legal duty of care is

772  
00:35:32,400 --> 00:35:37,440  
present number two there has to be a

773  
00:35:35,099 --> 00:35:40,409  
breach of this legal duty of care in

774  
00:35:37,440 --> 00:35:42,869  
this case can it be argued that mrs.

775  
00:35:40,409 --> 00:35:46,049  
Jones has breached her duty of care by a

776  
00:35:42,869 --> 00:35:49,199  
not being vaccinated and be going to

777  
00:35:46,050 --> 00:35:51,450  
work with a persistent cough and three

778  
00:35:49,199 --> 00:35:54,599  
there has to have been harm done as a

779  
00:35:51,449 --> 00:35:57,299  
direct result of the breach of duty of

780  
00:35:54,599 --> 00:36:01,619  
care master Smith has clearly been

781  
00:35:57,300 --> 00:36:03,810  
harmed by whooping cough clearly I'm not

782  
00:36:01,619 --> 00:36:06,029  
in the law profession and there are no

783  
00:36:03,809 --> 00:36:09,059  
doubt many variables and intricacies

784  
00:36:06,030 --> 00:36:11,280

here I have however asked the professor

785

00:36:09,059 --> 00:36:13,019  
of law this question who has a

786

00:36:11,280 --> 00:36:15,330  
particular interest in vaccination

787

00:36:13,019 --> 00:36:17,039  
issues she has written a very

788

00:36:15,329 --> 00:36:19,969  
interesting article on some of the

789

00:36:17,039 --> 00:36:22,469  
issues surrounding this it is called

790

00:36:19,969 --> 00:36:25,469  
compensating the victims of failure to

791

00:36:22,469 --> 00:36:27,000  
vaccinate what are the options and I

792

00:36:25,469 --> 00:36:32,429  
will link to the article in the show

793

00:36:27,000 --> 00:36:34,949  
notes on the website skeptics own TV to

794

00:36:32,429 --> 00:36:37,440  
be clear I'm not assuming anything about

795

00:36:34,949 --> 00:36:39,659  
this particular Brisbane paramedic we

796

00:36:37,440 --> 00:36:42,800  
certainly should not condemn anyone when

797

00:36:39,659 --> 00:36:44,789  
we are not aware of the full facts

798

00:36:42,800 --> 00:36:46,980  
bringing in legislation to make

799  
00:36:44,789 --> 00:36:49,079  
vaccination mandatory for health care

800  
00:36:46,980 --> 00:36:51,059  
workers and childcare workers would

801  
00:36:49,079 --> 00:36:55,519  
certainly be an expensive undertaking

802  
00:36:51,059 --> 00:36:57,360  
for both employers and individuals a

803  
00:36:55,519 --> 00:36:59,579  
cost-benefit analysis would be

804  
00:36:57,360 --> 00:37:01,530  
interesting to see taking into

805  
00:36:59,579 --> 00:37:04,289  
consideration time off work due to

806  
00:37:01,530 --> 00:37:05,730  
vaccine preventable disease the cost to

807  
00:37:04,289 --> 00:37:09,690  
the health care system in treating

808  
00:37:05,730 --> 00:37:11,429  
vaccine-preventable disease and so on in

809  
00:37:09,690 --> 00:37:12,990  
the meantime

810  
00:37:11,429 --> 00:37:15,659  
thoughts are with this paramedic who is

811  
00:37:12,989 --> 00:37:18,479  
suffering in hospital as well as those

812  
00:37:15,659 --> 00:37:20,338  
having been potentially exposed and are

813  
00:37:18,480 --> 00:37:22,679  
waiting for the two-week incubation

814  
00:37:20,338 --> 00:37:26,429  
period to be up to see if they have

815  
00:37:22,679 --> 00:37:28,049  
contracted the disease for more

816  
00:37:26,429 --> 00:37:30,960  
information on vaccines and

817  
00:37:28,050 --> 00:37:38,039  
vaccine-preventable diseases go to our

818  
00:37:30,960 --> 00:37:39,960  
website w WN rvs info you can also find

819  
00:37:38,039 --> 00:37:43,318  
us than Northern Rivers vaccination

820  
00:37:39,960 --> 00:37:47,880  
supporters on facebook and on twitter at

821  
00:37:43,318 --> 00:37:54,199  
the handle NR vax supporters that's the

822  
00:37:47,880 --> 00:37:54,200  
ax thanks for listening till next time

823  
00:38:06,108 --> 00:38:12,119  
wollongong skeptics in the pub yes

824  
00:38:10,170 --> 00:38:15,260  
Wollongong is a real place in here for

825  
00:38:12,119 --> 00:38:18,568  
our international listeners Wollongong

826  
00:38:15,260 --> 00:38:20,460  
say it with me wollongong yeah it's a

827

00:38:18,568 --> 00:38:23,730  
nice place it's just south of Sydney and

828  
00:38:20,460 --> 00:38:27,269  
they have a skeptics in the pub at dicey

829  
00:38:23,730 --> 00:38:29,280  
rileys 333 crown street one ball it's

830  
00:38:27,269 --> 00:38:32,068  
always the last tuesday of every month

831  
00:38:29,280 --> 00:38:33,990  
and if you're in the wollongong area

832  
00:38:32,068 --> 00:38:36,690  
well the best thing to do would we go to

833  
00:38:33,989 --> 00:38:42,229  
meet up calm and just look for will Gong

834  
00:38:36,690 --> 00:38:42,230  
skeptics in the pub dicey rileys at 7pm

835  
00:38:45,880 --> 00:38:53,590  
here's my not spooky action at the

836  
00:38:51,079 --> 00:38:53,590  
distance

837  
00:38:54,010 --> 00:38:58,850  
ladies and gentlemen on the phone I have

838  
00:38:56,300 --> 00:39:01,490  
the author of the modern Australian

839  
00:38:58,849 --> 00:39:04,190  
usage a practical guide for writers and

840  
00:39:01,489 --> 00:39:05,599  
editors Nick Hudson how I Nick I'm fine

841  
00:39:04,190 --> 00:39:07,760

thank you what triggered your

842

00:39:05,599 --> 00:39:09,469

fascination with the English language is

843

00:39:07,760 --> 00:39:12,290

specifically the Australian English

844

00:39:09,469 --> 00:39:14,750

language I guess I was born speaking at

845

00:39:12,289 --> 00:39:19,849

UC therefore i'm very interested in it

846

00:39:14,750 --> 00:39:23,119

and I at age 25 I moved from Britain to

847

00:39:19,849 --> 00:39:27,230

Australia and so I've spent all my adult

848

00:39:23,119 --> 00:39:30,100

life as a book editor editing Australian

849

00:39:27,230 --> 00:39:33,139

texts and so I'm fascinated by

850

00:39:30,099 --> 00:39:35,118

Australian English and I addressed in

851

00:39:33,139 --> 00:39:37,219

the first instance in this book the

852

00:39:35,119 --> 00:39:40,579

problems which Australian Writers may

853

00:39:37,219 --> 00:39:43,639

run into parent parent and purest on

854

00:39:40,579 --> 00:39:45,769

page 296 is worth a look both of these

855

00:39:43,639 --> 00:39:48,349

words mean a person who comments on

856  
00:39:45,769 --> 00:39:50,719  
linguistic niceties which others find

857  
00:39:48,349 --> 00:39:54,199  
boring the difference is that you are

858  
00:39:50,719 --> 00:39:55,759  
repentant where I am a purist yes yes

859  
00:39:54,199 --> 00:39:57,949  
that's right do you actually have to

860  
00:39:55,760 --> 00:40:00,020  
stop yourself from correcting people not

861  
00:39:57,949 --> 00:40:03,739  
at all that's what parents do you see

862  
00:40:00,019 --> 00:40:06,108  
I'm a purist I can keep it to myself so

863  
00:40:03,739 --> 00:40:09,139  
what do you like it Scrabble ah not bad

864  
00:40:06,108 --> 00:40:11,090  
actually do you get anyone to actually

865  
00:40:09,139 --> 00:40:13,549  
play with you or they go or not here not

866  
00:40:11,090 --> 00:40:15,200  
Nick don't play with me you see scrabble

867  
00:40:13,550 --> 00:40:17,930  
is not really a matter of knowing all

868  
00:40:15,199 --> 00:40:19,669  
the words it's a matter of strategy in

869  
00:40:17,929 --> 00:40:22,730  
noticing where the crippled better

870  
00:40:19,670 --> 00:40:24,380  
scores are and making sure that the W is

871  
00:40:22,730 --> 00:40:26,510  
on the triple letter score scored twice

872  
00:40:24,380 --> 00:40:28,460  
those of us that are playing words for

873  
00:40:26,510 --> 00:40:30,470  
friends and scrabble what's a great word

874  
00:40:28,460 --> 00:40:32,480  
to grab in scrabble but not many people

875  
00:40:30,469 --> 00:40:35,649  
think of that's a good one the one that

876  
00:40:32,480 --> 00:40:38,000  
is played almost every game would be Qi

877  
00:40:35,650 --> 00:40:40,280  
isn't it and you can actually use that I

878  
00:40:38,000 --> 00:40:42,108  
did not know that was a word oh yes yes

879  
00:40:40,280 --> 00:40:45,080  
yes have you not got a list of the

880  
00:40:42,108 --> 00:40:47,509  
scrabble approve two letter words no I

881  
00:40:45,079 --> 00:40:50,989  
guess I should get one you should get

882  
00:40:47,510 --> 00:40:53,000  
that that I would be nothing this book

883  
00:40:50,989 --> 00:40:56,389  
is a practical guide for editors what

884

00:40:53,000 --> 00:40:59,980  
kind of people seek to become editors I

885  
00:40:56,389 --> 00:41:02,750  
don't know in a sense I became one

886  
00:40:59,980 --> 00:41:04,490  
accidentally when i discovered i wasn't

887  
00:41:02,750 --> 00:41:07,940  
in market floor i'm

888  
00:41:04,489 --> 00:41:10,939  
being a reporter that one stage I had an

889  
00:41:07,940 --> 00:41:14,840  
ambition to be the parliamentary report

890  
00:41:10,940 --> 00:41:17,720  
of a pouch but they're lied and I gotten

891  
00:41:14,840 --> 00:41:20,660  
offers a job in publishing and grabbed

892  
00:41:17,719 --> 00:41:22,669  
it then I discovered that I enjoyed it

893  
00:41:20,659 --> 00:41:25,250  
enormously but I've been doing it now

894  
00:41:22,670 --> 00:41:27,050  
for six years best bottle can you

895  
00:41:25,250 --> 00:41:31,880  
actually write that you couldn't care

896  
00:41:27,050 --> 00:41:34,250  
less I think you can just about it

897  
00:41:31,880 --> 00:41:37,220  
depends on sentence to me the whole

898  
00:41:34,250 --> 00:41:39,559

point about subject the submitting is

899

00:41:37,219 --> 00:41:42,769

not just a matter of correcting grammar

900

00:41:39,559 --> 00:41:45,980

and spelling sub editing or edit in fact

901

00:41:42,769 --> 00:41:48,650

is a matter of making sure that the

902

00:41:45,980 --> 00:41:51,800

reader gets the message that the author

903

00:41:48,650 --> 00:41:53,570

had intended now the author thinks that

904

00:41:51,800 --> 00:41:57,200

what they've written is perfectly

905

00:41:53,570 --> 00:41:59,630

perfectly clear unambiguous and the

906

00:41:57,199 --> 00:42:01,579

reader has a slightly different

907

00:41:59,630 --> 00:42:04,400

vocabulary and cents and may

908

00:42:01,579 --> 00:42:07,069

misunderstand it the editor should be

909

00:42:04,400 --> 00:42:11,599

the person who stands between the two

910

00:42:07,070 --> 00:42:14,960

and warns the author if the message will

911

00:42:11,599 --> 00:42:17,599

not get them to reader that is a vital

912

00:42:14,960 --> 00:42:21,769

vital task but it's one that is best

913  
00:42:17,599 --> 00:42:25,309  
done an editor who has immediate access

914  
00:42:21,769 --> 00:42:28,460  
to the author otherwise the editor is

915  
00:42:25,309 --> 00:42:29,960  
liable to change it wrong know that

916  
00:42:28,460 --> 00:42:32,720  
there's something wrong but make a

917  
00:42:29,960 --> 00:42:34,760  
correction which is also long obviously

918  
00:42:32,719 --> 00:42:37,069  
one sees various things in newspapers

919  
00:42:34,760 --> 00:42:40,130  
that when objects to this happens

920  
00:42:37,070 --> 00:42:42,170  
particularly in books the long argument

921  
00:42:40,130 --> 00:42:44,869  
about something and the author has

922  
00:42:42,170 --> 00:42:47,019  
either left out a stage in the argument

923  
00:42:44,869 --> 00:42:50,150  
regarding it as self-evident

924  
00:42:47,019 --> 00:42:52,340  
alternatively labour a point which was

925  
00:42:50,150 --> 00:42:55,369  
obvious and therefore become boring

926  
00:42:52,340 --> 00:42:58,519  
here's an example which is in a way

927  
00:42:55,369 --> 00:43:02,358  
right I heard a news broadcast in which

928  
00:42:58,519 --> 00:43:06,769  
the newsreader said sensors had a poll

929  
00:43:02,358 --> 00:43:09,590  
with his club but as designed and then

930  
00:43:06,769 --> 00:43:13,280  
he stopped from him he said oh no sorry

931  
00:43:09,590 --> 00:43:15,829  
that should be re-signed now those two

932  
00:43:13,280 --> 00:43:17,319  
words if you leave out pie from there

933  
00:43:15,829 --> 00:43:19,838  
the same word and they mean

934  
00:43:17,318 --> 00:43:21,179  
diametrically opposite things I would

935  
00:43:19,838 --> 00:43:24,608  
say that the person who wrote that

936  
00:43:21,179 --> 00:43:28,298  
should have put a hyphen in to show that

937  
00:43:24,608 --> 00:43:30,788  
what they meant was refined the person

938  
00:43:28,298 --> 00:43:32,949  
who wrote it thought it was perfectly

939  
00:43:30,789 --> 00:43:36,430  
obvious that it was reassigned and

940  
00:43:32,949 --> 00:43:39,789  
didn't bother to hyphenate it the editor

941

00:43:36,429 --> 00:43:43,149  
would notice that that error could occur

942  
00:43:39,789 --> 00:43:46,869  
and would have warned the author and put

943  
00:43:43,150 --> 00:43:49,209  
in haifa this leads us to page 401 where

944  
00:43:46,869 --> 00:43:52,690  
you have the entry for tautology with

945  
00:43:49,208 --> 00:43:55,808  
the great example of i got up at 3am in

946  
00:43:52,690 --> 00:43:59,079  
the morning yes you hear that all the

947  
00:43:55,809 --> 00:44:00,719  
time indeed I don't get too upset about

948  
00:43:59,079 --> 00:44:04,199  
that because it's not causing

949  
00:44:00,719 --> 00:44:07,239  
misunderstanding it's unnecessary and

950  
00:44:04,199 --> 00:44:09,459  
people who say we should use as few

951  
00:44:07,239 --> 00:44:11,920  
words as possible will get upset by it

952  
00:44:09,458 --> 00:44:14,190  
but at least we aren't getting the

953  
00:44:11,920 --> 00:44:17,229  
message wrong what about the word

954  
00:44:14,190 --> 00:44:20,048  
discriminate now it has an evil content

955  
00:44:17,228 --> 00:44:22,389

but if i go to my wardrobe and I choose

956

00:44:20,048 --> 00:44:24,159

if I just discriminate amongst the

957

00:44:22,389 --> 00:44:27,548

shirts to wear am I discriminating

958

00:44:24,159 --> 00:44:30,608

against the shirts that I don't wear yes

959

00:44:27,548 --> 00:44:33,429

I suppose you like if we say he's a

960

00:44:30,608 --> 00:44:36,369

discriminating person it still is a good

961

00:44:33,429 --> 00:44:38,440

thing I think still be positive but I

962

00:44:36,369 --> 00:44:41,380

agree that if seven Lucerne so it

963

00:44:38,440 --> 00:44:45,099

discriminates normally a nasty thing to

964

00:44:41,380 --> 00:44:46,449

do so can be used in a positive way or

965

00:44:45,099 --> 00:44:47,920

in a neutral way I mean if you're

966

00:44:46,449 --> 00:44:50,259

discriminating about your choice of

967

00:44:47,920 --> 00:44:52,088

shirts you're not really being terribly

968

00:44:50,259 --> 00:44:54,728

clever you're just using a little bit of

969

00:44:52,088 --> 00:44:57,248

discretion how do you feel about the

970  
00:44:54,728 --> 00:44:58,659  
American imperialism of our language do

971  
00:44:57,248 --> 00:45:01,179  
you feel particularly strongly about

972  
00:44:58,659 --> 00:45:03,818  
that I can't see that it's something to

973  
00:45:01,179 --> 00:45:05,858  
get terribly worked up about because it

974  
00:45:03,818 --> 00:45:09,068  
just happens two languages if they're

975  
00:45:05,858 --> 00:45:11,528  
used by a lot of people it goes off in

976  
00:45:09,068 --> 00:45:13,739  
where directions i mean American is very

977  
00:45:11,528 --> 00:45:18,630  
very slow compared with Scottish English

978  
00:45:13,739 --> 00:45:21,429  
as displayed by a NL and Scots were high

979  
00:45:18,630 --> 00:45:25,269  
American spelling was more or less

980  
00:45:21,429 --> 00:45:28,929  
invented by nerve Webster who wrongly

981  
00:45:25,268 --> 00:45:30,239  
believed that simpler spelling would be

982  
00:45:28,929 --> 00:45:32,519  
a good idea

983  
00:45:30,239 --> 00:45:34,969  
so they wandered off in that direction I

984  
00:45:32,519 --> 00:45:38,429  
think most of those things were very

985  
00:45:34,969 --> 00:45:41,189  
sensible example the change of the oh

986  
00:45:38,429 --> 00:45:44,489  
you are endings 20 are in words like

987  
00:45:41,190 --> 00:45:46,650  
rigor that is very sense would logically

988  
00:45:44,489 --> 00:45:48,779  
the better because it goes straight back

989  
00:45:46,650 --> 00:45:51,059  
to the original Latin rather than

990  
00:45:48,780 --> 00:45:52,769  
getting corrupted by transmission from

991  
00:45:51,059 --> 00:45:56,400  
French what do you think of the

992  
00:45:52,769 --> 00:45:58,769  
Australian naming it's almost a style

993  
00:45:56,400 --> 00:46:01,289  
guide for people working in sport to

994  
00:45:58,769 --> 00:46:06,090  
have their name ending in gets a why or

995  
00:46:01,289 --> 00:46:09,539  
an ia this de veau d co ja no way that's

996  
00:46:06,090 --> 00:46:12,240  
all about this is still in slang usage

997  
00:46:09,539 --> 00:46:14,369  
or colloquial usage all sorts of words

998

00:46:12,239 --> 00:46:17,459  
get there on the end of them I mean now

999  
00:46:14,369 --> 00:46:20,760  
we have on I understand I haven't heard

1000  
00:46:17,460 --> 00:46:25,079  
it myself except discussed and a ghetto

1001  
00:46:20,760 --> 00:46:26,970  
well the gathering really I'm happy that

1002  
00:46:25,079 --> 00:46:29,849  
you haven't heard I've it makes me feel

1003  
00:46:26,969 --> 00:46:32,309  
slightly less faculties it doesn't

1004  
00:46:29,849 --> 00:46:34,319  
surprise me or shock me terribly I guess

1005  
00:46:32,309 --> 00:46:36,570  
nothing wooden language these days would

1006  
00:46:34,320 --> 00:46:39,930  
it what I was concerned with is

1007  
00:46:36,570 --> 00:46:43,380  
communication if you get your message

1008  
00:46:39,929 --> 00:46:46,259  
over right then basically everything's

1009  
00:46:43,380 --> 00:46:49,890  
all right what you want to guard against

1010  
00:46:46,260 --> 00:46:53,040  
is being misunderstood either because

1011  
00:46:49,889 --> 00:46:57,389  
you're using words in an unusual way or

1012  
00:46:53,039 --> 00:47:00,358

your grammar is unusual that saves you

1013

00:46:57,389 --> 00:47:03,809

from an awful lot of anguish but to some

1014

00:47:00,358 --> 00:47:05,849

people seem to feel that the new way of

1015

00:47:03,809 --> 00:47:08,159

talking represents the end of

1016

00:47:05,849 --> 00:47:10,618

civilization as we know it and they get

1017

00:47:08,159 --> 00:47:14,190

terribly upset and they turn up the

1018

00:47:10,619 --> 00:47:16,800

radio stations to complain I find that

1019

00:47:14,190 --> 00:47:18,840

rather sad because we've got enough with

1020

00:47:16,800 --> 00:47:21,720

the worry about without worrying about

1021

00:47:18,840 --> 00:47:25,350

state of the language the other hand if

1022

00:47:21,719 --> 00:47:29,099

there is a misunderstanding like in that

1023

00:47:25,349 --> 00:47:31,889

case where I said resign and we sign if

1024

00:47:29,099 --> 00:47:33,960

there is a misunderstanding then that is

1025

00:47:31,889 --> 00:47:36,269

a critical point and we've got to jump

1026

00:47:33,960 --> 00:47:38,550

on it and we've got to do something to

1027  
00:47:36,269 --> 00:47:40,980  
make sure that that misunderstanding

1028  
00:47:38,550 --> 00:47:44,010  
doesn't arise do you have any other

1029  
00:47:40,980 --> 00:47:46,260  
favorite languages obviously English

1030  
00:47:44,010 --> 00:47:48,330  
love but do you find you get excited by

1031  
00:47:46,260 --> 00:47:51,570  
the languages like a motive languages

1032  
00:47:48,329 --> 00:47:54,000  
like Spanish the language i know this is

1033  
00:47:51,570 --> 00:47:57,780  
German so I lived in Germany six months

1034  
00:47:54,000 --> 00:47:59,849  
I would say that the French have a good

1035  
00:47:57,780 --> 00:48:01,440  
word for this however Germans have a

1036  
00:47:59,849 --> 00:48:03,869  
good way of saying this one of the

1037  
00:48:01,440 --> 00:48:06,000  
things I hear continually is that the

1038  
00:48:03,869 --> 00:48:08,609  
German word is it showed and Freud

1039  
00:48:06,000 --> 00:48:10,110  
chardon choida that we don't have a word

1040  
00:48:08,610 --> 00:48:12,590  
for that in English but we do it's

1041  
00:48:10,110 --> 00:48:15,329  
called epic Erica see is that correct

1042  
00:48:12,590 --> 00:48:18,420  
well I've heard of the German words I

1043  
00:48:15,329 --> 00:48:20,039  
haven't heard the English word I said to

1044  
00:48:18,420 --> 00:48:23,070  
talk German if we have to use one word

1045  
00:48:20,039 --> 00:48:26,099  
for it it's a pleasure at somebody

1046  
00:48:23,070 --> 00:48:28,019  
else's discomfort epic Erica see is the

1047  
00:48:26,099 --> 00:48:31,259  
Englishman thought we should better luck

1048  
00:48:28,019 --> 00:48:33,590  
the problem with it is that whereas if

1049  
00:48:31,260 --> 00:48:38,040  
you use schadenfreude in German

1050  
00:48:33,590 --> 00:48:40,140  
everybody understands if you use epic

1051  
00:48:38,039 --> 00:48:42,840  
Erica see or what have you said in

1052  
00:48:40,139 --> 00:48:45,179  
English new and willems I won't

1053  
00:48:42,840 --> 00:48:49,650  
understand my start time I'm everybody

1054  
00:48:45,179 --> 00:48:51,869  
listen that's true I know exactly what

1055

00:48:49,650 --> 00:48:53,760  
will be understood by everybody the book

1056  
00:48:51,869 --> 00:48:55,409  
is a practical guide for writers and

1057  
00:48:53,760 --> 00:48:57,360  
editors Nicholas Hudson modern

1058  
00:48:55,409 --> 00:48:58,920  
Australian usage there's lots of good

1059  
00:48:57,360 --> 00:49:00,900  
examples and there's also some great

1060  
00:48:58,920 --> 00:49:02,369  
copyright advice and some great legal

1061  
00:49:00,900 --> 00:49:04,470  
advice in there as well as a good

1062  
00:49:02,369 --> 00:49:06,029  
starting point lovely what do you think

1063  
00:49:04,469 --> 00:49:07,649  
should be the one thing when we're

1064  
00:49:06,030 --> 00:49:09,360  
sitting down to write something that we

1065  
00:49:07,650 --> 00:49:11,099  
should have in our mind so we don't need

1066  
00:49:09,360 --> 00:49:13,500  
someone like you and editor going old

1067  
00:49:11,099 --> 00:49:16,230  
dear dear you have to imagine your

1068  
00:49:13,500 --> 00:49:19,590  
reader and you have to watch his bow and

1069  
00:49:16,230 --> 00:49:21,929

it becomes followed because he hasn't

1070

00:49:19,590 --> 00:49:24,150  
understood what you've written then you

1071

00:49:21,929 --> 00:49:26,789  
should look again you should be thinking

1072

00:49:24,150 --> 00:49:28,769  
of your reader all the time that is of

1073

00:49:26,789 --> 00:49:31,380  
course if you're wanting to communicate

1074

00:49:28,769 --> 00:49:32,820  
if you're just wanting to hit you over

1075

00:49:31,380 --> 00:49:34,880  
the head with wrong words then the

1076

00:49:32,820 --> 00:49:37,470  
robber was you use the better

1077

00:49:34,880 --> 00:49:39,450  
communication I love the book and if

1078

00:49:37,469 --> 00:49:42,629  
anyone doesn't like this book I couldn't

1079

00:49:39,449 --> 00:49:44,899  
care less i love it good field it's

1080

00:49:42,630 --> 00:49:44,900  
lovely

1081

00:50:00,659 --> 00:50:06,190  
hey svenska skeptical the vet valid

1082

00:50:03,909 --> 00:50:08,710  
vatan scope for billing in the Dogman

1083

00:50:06,190 --> 00:50:11,019  
hanger of the skeptics that an ox 0 are

1084  
00:50:08,710 --> 00:50:13,780  
fearful dog pop science quiz of

1085  
00:50:11,019 --> 00:50:16,449  
skeptical Kevin Thomas Valley Queen por

1086  
00:50:13,780 --> 00:50:18,910  
vivir juntos punta safe at spawn I

1087  
00:50:16,449 --> 00:50:21,039  
involve a luger luke alphania hun

1088  
00:50:18,909 --> 00:50:23,109  
tamilanda Top Gun warm the door

1089  
00:50:21,039 --> 00:50:27,690  
installer and defense non-local training

1090  
00:50:23,110 --> 00:50:31,750  
muffin to start I'm 12 a potom add a new

1091  
00:50:27,690 --> 00:50:33,190  
hello all skeptics in Sweden I'm sure

1092  
00:50:31,750 --> 00:50:35,679  
you already know that the Swedish

1093  
00:50:33,190 --> 00:50:37,690  
skeptics Association not only is a big

1094  
00:50:35,679 --> 00:50:40,389  
fan of the skeptic zone but that we also

1095  
00:50:37,690 --> 00:50:42,700  
organize lectures pop science quiz and

1096  
00:50:40,389 --> 00:50:49,089  
skeptics in the pub all over the country

1097  
00:50:42,699 --> 00:50:51,759  
go to ww vof se to see what are seven

1098  
00:50:49,090 --> 00:50:53,140  
local chapters are up to and if you live

1099  
00:50:51,760 --> 00:50:56,320  
in a place where there is no local

1100  
00:50:53,139 --> 00:50:59,909  
chapter why not stop on yourself I'm

1101  
00:50:56,320 --> 00:50:59,910  
talking to you neyo

1102  
00:51:06,550 --> 00:51:08,610  
you

1103  
00:51:10,940 --> 00:51:16,139  
thank you for listening to the skeptic

1104  
00:51:13,650 --> 00:51:18,900  
zone and I am looking forward in the

1105  
00:51:16,139 --> 00:51:20,579  
coming weeks to a report or two from Joe

1106  
00:51:18,900 --> 00:51:23,519  
alabaster who I just saw the other day

1107  
00:51:20,579 --> 00:51:26,579  
as next weekend here in Sydney we have

1108  
00:51:23,519 --> 00:51:29,880  
skeptic camp yeah skeptic camp and the

1109  
00:51:26,579 --> 00:51:32,610  
very next day we're off to mind/body

1110  
00:51:29,880 --> 00:51:34,950  
wallet mind-body-spirit festival the

1111  
00:51:32,610 --> 00:51:36,680  
first of all of my own body wallet more

1112

00:51:34,949 --> 00:51:39,449  
whooh than you can poke a wood stick at

1113  
00:51:36,679 --> 00:51:41,119  
lives but with some nice things sort of

1114  
00:51:39,449 --> 00:51:44,789  
thrown in along the way I always get a

1115  
00:51:41,119 --> 00:51:47,309  
pick up a nice bottle of hot sauce these

1116  
00:51:44,789 --> 00:51:49,199  
things could have a boutique hot sauce

1117  
00:51:47,309 --> 00:51:52,500  
very nice but yes there are plenty of

1118  
00:51:49,199 --> 00:51:55,679  
our alternative medicine practitioners

1119  
00:51:52,500 --> 00:51:58,440  
with some very far-fetched claims that

1120  
00:51:55,679 --> 00:52:00,389  
these are spiritual expose if you're

1121  
00:51:58,440 --> 00:52:03,389  
coming to the amazing meeting in July in

1122  
00:52:00,389 --> 00:52:06,690  
Las Vegas drop by the skeptic zone table

1123  
00:52:03,389 --> 00:52:09,960  
and say hello if I'm not there leave me

1124  
00:52:06,690 --> 00:52:12,059  
a note twenty dollars will be fine more

1125  
00:52:09,960 --> 00:52:14,670  
about that coming up and i'll see if i

1126  
00:52:12,059 --> 00:52:17,369

can't chase up an interview with james

1127

00:52:14,670 --> 00:52:19,889

randi himself but for this week this is

1128

00:52:17,369 --> 00:52:25,980

Richard Saunders signing off from Sydney

1129

00:52:19,889 --> 00:52:28,500

Australia you've been listening to the

1130

00:52:25,980 --> 00:52:32,340

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1131

00:52:28,500 --> 00:52:35,639

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1132

00:52:32,340 --> 00:52:38,789

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1133

00:52:35,639 --> 00:52:40,829

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1134

00:52:38,789 --> 00:52:44,190

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00:52:40,829 --> 00:52:47,730

at skeptic zone liking us on facebook

1136

00:52:44,190 --> 00:52:49,230

and leaving a review on iTunes you can

1137

00:52:47,730 --> 00:52:53,039

also show your support by subscribing

1138

00:52:49,230 --> 00:52:56,099

via paypal for as little as 99 cents a

1139

00:52:53,039 --> 00:52:57,750

week the skeptic zone is an independent

1140

00:52:56,099 --> 00:53:00,150

production the views and opinions

1141  
00:52:57,750 --> 00:53:02,250  
expressed on the skeptic zone and not

1142  
00:53:00,150 --> 00:53:07,460  
necessarily those of Australian skeptics

1143  
00:53:02,250 --> 00:53:07,460  
or any other skeptical organization

1144  
00:53:07,949 --> 00:53:09,980  
Oh