

1
00:00:05,929 --> 00:00:14,330
welcome to the skeptic zone the podcast

2
00:00:09,089 --> 00:00:14,330
from Australia for science and reason oh

3
00:00:23,149 --> 00:00:28,939
yes for science and reason the podcast

4
00:00:27,089 --> 00:00:33,179
for science and reason the skeptic zone

5
00:00:28,939 --> 00:00:36,630
welcome to show number 151 on the tenth

6
00:00:33,179 --> 00:00:40,259
of september 2011 Richard Saunders here

7
00:00:36,630 --> 00:00:42,300
with you from a very pleasant sydney

8
00:00:40,259 --> 00:00:44,849
australia with blue skies a little bit

9
00:00:42,299 --> 00:00:48,328
cold a little bit windy but we love it

10
00:00:44,850 --> 00:00:51,390
apart from the public transport which we

11
00:00:48,329 --> 00:00:53,700
don't not very much anyway remember

12
00:00:51,390 --> 00:00:57,329
people in Melbourne don't complain on

13
00:00:53,700 --> 00:01:01,050
this week's show i investigate one of

14
00:00:57,329 --> 00:01:02,579
Sydney's hottest nightspots yeah what's

15
00:01:01,049 --> 00:01:05,179
that got to do with science you say well

16
00:01:02,579 --> 00:01:07,590
a lot it's the Australian Museum

17
00:01:05,180 --> 00:01:10,229
champions of science now they have

18
00:01:07,590 --> 00:01:12,299
something called Jurassic lounge where

19
00:01:10,228 --> 00:01:15,688
you go to the museum you have a drink

20
00:01:12,299 --> 00:01:17,520
you see bands burlesque dancing discos

21
00:01:15,688 --> 00:01:19,589
all sorts of things a wonderful

22
00:01:17,519 --> 00:01:22,618
initiative by the Australian Museum I

23
00:01:19,590 --> 00:01:25,009
went along in the week and filed a

24
00:01:22,618 --> 00:01:27,659
report coming up at the top of the show

25
00:01:25,009 --> 00:01:30,810
following that we send main art out on

26
00:01:27,659 --> 00:01:33,990
his most difficult assignment yet he's

27
00:01:30,810 --> 00:01:36,149
chasing the first fly of summer how's

28
00:01:33,989 --> 00:01:39,599
summer come early are we going to be

29

00:01:36,149 --> 00:01:41,519
inundated with a fly playing may not

30
00:01:39,599 --> 00:01:47,399
investigates and then talks to a

31
00:01:41,519 --> 00:01:50,818
scientist all about mm flies and to

32
00:01:47,399 --> 00:01:53,728
round off the show yes yes yes we

33
00:01:50,819 --> 00:01:55,590
finally made it we all got together down

34
00:01:53,728 --> 00:01:59,069
at the end of the street at our favorite

35
00:01:55,590 --> 00:02:01,859
Club for a good old-fashioned think tank

36
00:01:59,069 --> 00:02:05,879
joining me this week a joke Ben amoo dr.

37
00:02:01,858 --> 00:02:07,769
Reggie Dunlop and a run sir give so nice

38
00:02:05,879 --> 00:02:10,370
to get the gang back together again and

39
00:02:07,769 --> 00:02:13,408
talk about skeptical issues of the day

40
00:02:10,370 --> 00:02:15,800
including a very worrying new magazine

41
00:02:13,408 --> 00:02:19,729
all the way from New Zealand hitting our

42
00:02:15,800 --> 00:02:22,430
magazine stores which includes an

43
00:02:19,729 --> 00:02:23,989

unfortunate picture of Hugh Laurie as

44

00:02:22,430 --> 00:02:25,700

dr. house well the pictures not

45

00:02:23,990 --> 00:02:27,890

unfortunate it's unfortunate it's in

46

00:02:25,699 --> 00:02:31,129

this magazine I won't give the plot away

47

00:02:27,889 --> 00:02:33,139

listen for more later in the show for

48

00:02:31,129 --> 00:02:36,169

the think tank well of course at this

49

00:02:33,139 --> 00:02:40,849

time we we all cast our minds back ten

50

00:02:36,169 --> 00:02:42,679

years to the 911 terror attacks on the

51

00:02:40,849 --> 00:02:45,049

United States I certainly remember where

52

00:02:42,680 --> 00:02:47,599

I was I was just drifting off to sleep

53

00:02:45,050 --> 00:02:50,330

in bed with the radio on in my ear my

54

00:02:47,599 --> 00:02:53,060

ear piece and the announcer said there's

55

00:02:50,330 --> 00:02:56,420

been a strange report of a plane hitting

56

00:02:53,060 --> 00:02:59,210

one of the world trade centers and he

57

00:02:56,419 --> 00:03:02,119

assumed it was a terrible navigational

58
00:02:59,210 --> 00:03:05,450
error or a fault or something like that

59
00:03:02,120 --> 00:03:07,009
I thought oh that's pretty bad so I

60
00:03:05,449 --> 00:03:12,439
thought I'd have a look got out of bed

61
00:03:07,009 --> 00:03:14,629
switched on the TV and well I didn't go

62
00:03:12,439 --> 00:03:19,180
back to bed I'm sure you all have your

63
00:03:14,629 --> 00:03:22,819
own stories and memories of 10 years ago

64
00:03:19,180 --> 00:03:27,670
but for now let's let's just get on and

65
00:03:22,819 --> 00:03:27,669
listen to this week's skeptic zone

66
00:03:41,719 --> 00:03:49,020
hello and welcome from the dinosaur

67
00:03:45,840 --> 00:03:51,900
level a dinosaur exhibition here at the

68
00:03:49,020 --> 00:03:55,620
australian museum doesn't sound like a

69
00:03:51,900 --> 00:03:58,920
dinosaur level that's because i'm here

70
00:03:55,620 --> 00:04:03,689
to take part in or should I say explore

71
00:03:58,919 --> 00:04:08,159
and be part of or enjoy the Australian

72
00:04:03,689 --> 00:04:09,509
museum's Jurassic lounge this is a very

73
00:04:08,159 --> 00:04:11,669
interesting concept the Australian

74
00:04:09,509 --> 00:04:14,179
Museum and got going where you turn up

75
00:04:11,669 --> 00:04:16,680
in the evening it's Tuesday evening and

76
00:04:14,180 --> 00:04:19,379
there's all sorts of interesting things

77
00:04:16,680 --> 00:04:20,759
going on here but some musician setting

78
00:04:19,379 --> 00:04:24,389
up there at the end of the dinosaur

79
00:04:20,759 --> 00:04:26,959
gallery got art sort of video clips

80
00:04:24,389 --> 00:04:29,669
being displayed on the wall we've got

81
00:04:26,959 --> 00:04:32,339
great dinosaur tattoo I got a little bit

82
00:04:29,670 --> 00:04:35,699
earlier all part of the Australian

83
00:04:32,339 --> 00:04:37,500
museum's outreach Jurassic lounge bring

84
00:04:35,699 --> 00:04:39,870
scientists and entertainers together

85
00:04:37,500 --> 00:04:42,480
here at the Australian Museum to

86

00:04:39,870 --> 00:04:46,079
encourage well a younger demographic to

87
00:04:42,480 --> 00:04:50,730
come along and have a look and looks

88
00:04:46,079 --> 00:04:53,759
pretty fabulous to me so far and to help

89
00:04:50,730 --> 00:04:56,009
you relax and get into the mood they've

90
00:04:53,759 --> 00:04:58,110
got a lovely bar downstairs and just off

91
00:04:56,009 --> 00:05:01,240
the dinosaur gallery here where I am at

92
00:04:58,110 --> 00:05:04,479
the moment there's another bar

93
00:05:01,240 --> 00:05:05,740
you have enough of that the alcohol

94
00:05:04,478 --> 00:05:07,629
they're serving you'll be seeing

95
00:05:05,740 --> 00:05:09,490
dinosaurs everywhere now I've just

96
00:05:07,629 --> 00:05:13,300
stopped here to look at the projection

97
00:05:09,490 --> 00:05:16,030
on the wall itself it's a strange sort

98
00:05:13,300 --> 00:05:20,199
of movie they're showing with drawings

99
00:05:16,029 --> 00:05:23,079
of worms and I can't really describe it

100
00:05:20,199 --> 00:05:25,538

it's like someone's drawing a mouth with

101

00:05:23,079 --> 00:05:27,339

worms and it Mel's turn it into a puppet

102

00:05:25,538 --> 00:05:30,219

on the wall it's no he comes another one

103

00:05:27,339 --> 00:05:32,469

all part of the eclectic an interesting

104

00:05:30,220 --> 00:05:36,060

mix here at the Australian museum with

105

00:05:32,470 --> 00:05:36,060

dinosaurs roaring in the background

106

00:05:40,269 --> 00:05:47,349

now I've wandered into the bird gallery

107

00:05:44,259 --> 00:05:51,099

here birds in Australia with hundreds

108

00:05:47,350 --> 00:05:53,320

and hundreds of stuffed birds and a

109

00:05:51,100 --> 00:05:57,390

photographic exhibition on the wall and

110

00:05:53,319 --> 00:06:00,629

if I walk around here

111

00:05:57,389 --> 00:06:04,349

and peer down over the displays into the

112

00:06:00,629 --> 00:06:08,219

big chasm below me I'm looking straight

113

00:06:04,350 --> 00:06:11,070

down into the skeleton gallery as seen

114

00:06:08,220 --> 00:06:13,410

in Superman Returns they actually filmed

115
00:06:11,069 --> 00:06:15,089
some of the movie in this very skeleton

116
00:06:13,410 --> 00:06:20,160
gallery there's a giant whale but

117
00:06:15,089 --> 00:06:22,679
beneath me a horse zebra giraffe all

118
00:06:20,160 --> 00:06:25,020
sorts of things down there

119
00:06:22,680 --> 00:06:27,180
but here I am talking to the birds up

120
00:06:25,019 --> 00:06:31,409
here so there's part of Jurassic lounges

121
00:06:27,180 --> 00:06:33,538
to keep most of the museum open so you

122
00:06:31,410 --> 00:06:35,340
can have a look at all the wonderful

123
00:06:33,538 --> 00:06:37,349
displays they have going on here I can

124
00:06:35,339 --> 00:06:39,538
see that from my vantage point the

125
00:06:37,350 --> 00:06:40,939
skeleton gallery is very popular lots of

126
00:06:39,538 --> 00:06:43,769
people down there at the moment

127
00:06:40,939 --> 00:06:48,410
wandering around with a wine in one hand

128
00:06:43,769 --> 00:06:48,409
and checking out the bones

129
00:06:54,199 --> 00:06:58,830
yes once again it doesn't really sound

130
00:06:56,459 --> 00:07:00,209
like a museum but I'm assured it is a

131
00:06:58,829 --> 00:07:03,599
museum I here with some lovely people

132
00:07:00,209 --> 00:07:04,948
hello hi hello hi and you're here to

133
00:07:03,600 --> 00:07:07,800
help out I you've got the lovely

134
00:07:04,949 --> 00:07:09,540
Jurassic low n t-shirts on and your heat

135
00:07:07,800 --> 00:07:13,520
what tell people what's what and where

136
00:07:09,540 --> 00:07:16,050
to go I work at the Twitter fall so I

137
00:07:13,519 --> 00:07:17,819
talked to people in line and retweet

138
00:07:16,050 --> 00:07:20,430
whatever people talk about on twitter

139
00:07:17,819 --> 00:07:23,009
and I organize competitions as well

140
00:07:20,430 --> 00:07:24,720
throughout the night sir so that's what

141
00:07:23,009 --> 00:07:27,569
you've got the ipad in your hand i see

142
00:07:24,720 --> 00:07:29,490
i'm not doing any homework so yeah i'm

143

00:07:27,569 --> 00:07:32,788
just i'm on the Jurassic lounge I'm

144
00:07:29,490 --> 00:07:34,978
Twitter so um yeah anyone who talks

145
00:07:32,788 --> 00:07:37,680
about dress around I'll talk to them

146
00:07:34,978 --> 00:07:39,329
I'll retweet it excellent i noticed

147
00:07:37,680 --> 00:07:41,519
because i just tweeted myself because

148
00:07:39,329 --> 00:07:42,779
there's a display just over there with

149
00:07:41,519 --> 00:07:45,120
was showing all the tweets about

150
00:07:42,779 --> 00:07:47,909
Jurassic lounge do you this is your

151
00:07:45,120 --> 00:07:50,788
first or normally here I me every week

152
00:07:47,910 --> 00:07:53,340
so I'm like designated okay but most of

153
00:07:50,788 --> 00:07:55,649
the volunteers change around each week I

154
00:07:53,339 --> 00:07:57,209
think this is my first stressor clowns I

155
00:07:55,649 --> 00:08:00,299
must say and I'm really enjoying it so

156
00:07:57,209 --> 00:08:02,489
far it seems to be up so he goes on it

157
00:08:00,300 --> 00:08:05,520

gets better as the night goes on I look

158

00:08:02,490 --> 00:08:09,079

forward to it and your name is 32 you

159

00:08:05,519 --> 00:08:09,079

yes thank you very much

160

00:08:13,949 --> 00:08:19,879

I haven't been doing a museum which has

161

00:08:16,680 --> 00:08:22,680

a mmm karaoke before but there you go

162

00:08:19,879 --> 00:08:25,980

trying something you and your name is

163

00:08:22,680 --> 00:08:28,280

marieke Marika why is there a karaoke

164

00:08:25,980 --> 00:08:31,230

here in the hallowed halls of a museum

165

00:08:28,279 --> 00:08:32,850

well I mean obviously there's alcohol

166

00:08:31,230 --> 00:08:34,168

involved in this night so people might

167

00:08:32,850 --> 00:08:36,269

want to sing later on but I think it's

168

00:08:34,168 --> 00:08:38,220

kind of a new generation of museum we've

169

00:08:36,269 --> 00:08:41,069

got a silent disco down the hall karaoke

170

00:08:38,220 --> 00:08:43,350

here this games it's not you know boring

171

00:08:41,070 --> 00:08:46,470

Museum stuff like it used to be not at

172
00:08:43,350 --> 00:08:49,590
all not at all I must agree and you've

173
00:08:46,470 --> 00:08:51,029
got lovely sort of glowing floor you've

174
00:08:49,590 --> 00:08:52,740
got a glowing floor that's at where

175
00:08:51,029 --> 00:08:54,659
people stand to do their karaoke is it

176
00:08:52,740 --> 00:08:57,269
yes yes it's not a normal karaoke though

177
00:08:54,659 --> 00:08:59,459
isn't well it's not in a pub of that

178
00:08:57,269 --> 00:09:02,610
helps but we've got the karaoke machine

179
00:08:59,460 --> 00:09:04,259
and we have the microphones and we just

180
00:09:02,610 --> 00:09:06,450
want people to have some fun basically

181
00:09:04,259 --> 00:09:09,629
either use an Oprah versus people walk

182
00:09:06,450 --> 00:09:13,610
oh yeah as the start slow gets big later

183
00:09:09,629 --> 00:09:13,610
on definitely thank you yeah welcome

184
00:09:16,379 --> 00:09:22,509
now karaoke just silent disco from one

185
00:09:20,559 --> 00:09:26,019
extreme to the other and your name is

186

00:09:22,509 --> 00:09:28,029

I'm Rory Rory what is a silent disco I

187

00:09:26,019 --> 00:09:30,159

saying disco is basically we have a live

188

00:09:28,029 --> 00:09:32,259

DJ up at the front and it's transmitting

189

00:09:30,159 --> 00:09:34,389

through to these headphones so everybody

190

00:09:32,259 --> 00:09:35,679

in the room can hear the music but from

191

00:09:34,389 --> 00:09:37,809

outside it sounds like there's nothing

192

00:09:35,679 --> 00:09:40,329

going on I noticed beside us now there's

193

00:09:37,809 --> 00:09:42,699

a whole table just full of headphones

194

00:09:40,330 --> 00:09:45,070

ready to go yeah so you back the

195

00:09:42,700 --> 00:09:47,110

headphones on going dance away but yeah

196

00:09:45,070 --> 00:09:48,640

nobody else can hear the music yeah so

197

00:09:47,110 --> 00:09:50,440

you can stand outside and just look in

198

00:09:48,639 --> 00:09:53,199

and everybody's dancing very quietly

199

00:09:50,440 --> 00:09:58,210

it's pretty eerie I might have a look

200

00:09:53,200 --> 00:10:00,879
myself thanks no eyes and that silence

201
00:09:58,210 --> 00:10:03,040
you can hear is this is the silent disco

202
00:10:00,879 --> 00:10:04,240
I was just in there bubbling away the

203
00:10:03,039 --> 00:10:06,399
headphones on there are some other

204
00:10:04,240 --> 00:10:08,110
people when you're outside looking in

205
00:10:06,399 --> 00:10:11,519
it's pretty funny to see everybody

206
00:10:08,110 --> 00:10:11,519
dancing in you can't do the music

207
00:10:13,379 --> 00:10:18,610
I'm coming to the discovery room here

208
00:10:17,198 --> 00:10:20,859
this was obviously the Discovery Room

209
00:10:18,610 --> 00:10:23,409
the Australian Museum and there's a

210
00:10:20,860 --> 00:10:27,789
wonderful display here full of leaves

211
00:10:23,409 --> 00:10:29,860
it's big terrarium and lots and lots of

212
00:10:27,789 --> 00:10:32,349
this beautiful and ones just being

213
00:10:29,860 --> 00:10:34,269
placed in my hand right now walking

214
00:10:32,350 --> 00:10:37,629

stick insect or stick insect let's see

215

00:10:34,269 --> 00:10:40,060

what I'm right in my there you go and

216

00:10:37,629 --> 00:10:42,579

your job is to hand out these so people

217

00:10:40,059 --> 00:10:44,229

can have them crawling all over their

218

00:10:42,578 --> 00:10:45,429

own and that's a typical response right

219

00:10:44,230 --> 00:10:48,550

there go right up to the top of your

220

00:10:45,429 --> 00:10:50,349

head if you give her a chance huh you

221

00:10:48,549 --> 00:10:53,019

are the tree you can be the tree I'm

222

00:10:50,350 --> 00:10:55,480

looking at this wonderful little beige

223

00:10:53,019 --> 00:10:57,850

sort of grey sort of walking stick or

224

00:10:55,480 --> 00:10:59,589

stick insect and now it's gone to my

225

00:10:57,850 --> 00:11:01,509

elbow and now it's coming right back up

226

00:10:59,589 --> 00:11:04,209

to the top of my hand I'm pretending I'm

227

00:11:01,509 --> 00:11:06,519

a tree see we hope you white people do

228

00:11:04,208 --> 00:11:09,369

that see ya your role here is basically

229
00:11:06,519 --> 00:11:12,278
to to let people experience nature quite

230
00:11:09,370 --> 00:11:14,528
close up that's right we're interpretive

231
00:11:12,278 --> 00:11:16,990
officers so we share what the museum has

232
00:11:14,528 --> 00:11:18,789
live or dead I do have animal care

233
00:11:16,990 --> 00:11:20,528
duties as well so I do have a particular

234
00:11:18,789 --> 00:11:23,230
interest in this I'm not going to show a

235
00:11:20,528 --> 00:11:26,350
listeners that this little guys alive

236
00:11:23,230 --> 00:11:28,058
and what is he doing I think he's now

237
00:11:26,350 --> 00:11:29,649
pretending he's a stick and you've done

238
00:11:28,058 --> 00:11:31,058
a good job being the tree now she's

239
00:11:29,649 --> 00:11:32,799
relaxed and she's hanging upside down

240
00:11:31,058 --> 00:11:34,568
which is exactly what you can see in the

241
00:11:32,799 --> 00:11:36,969
terrarium most of them are doing if

242
00:11:34,568 --> 00:11:38,378
they're not eating or mating so this is

243
00:11:36,970 --> 00:11:41,800
good you've done Europe you've

244
00:11:38,379 --> 00:11:43,480
experienced Zen Trina's I am I am the

245
00:11:41,799 --> 00:11:47,250
tree or the tree you've done a wonderful

246
00:11:43,480 --> 00:11:47,250
job I was it not a training

247
00:11:49,320 --> 00:11:53,670
as much as I enjoy being a tree I'll

248
00:11:51,629 --> 00:11:57,360
pass her back to you so she can continue

249
00:11:53,669 --> 00:12:00,360
eating her leaves owned there we go she

250
00:11:57,360 --> 00:12:02,779
likes you I can tell thank you very much

251
00:12:00,360 --> 00:12:02,779
thank you

252
00:12:05,548 --> 00:12:10,058
I've come here to a hidden corner a

253
00:12:08,499 --> 00:12:11,798
hidden corner of the Australian Museum

254
00:12:10,058 --> 00:12:15,269
where they have an X actually a lovely

255
00:12:11,798 --> 00:12:18,610
display of artwork of people drawing

256
00:12:15,269 --> 00:12:21,639
butterflies first time it's been on

257

00:12:18,610 --> 00:12:24,009
display in 150 years really yeah and I'm

258
00:12:21,639 --> 00:12:25,778
speaking with Chanel from the Australian

259
00:12:24,009 --> 00:12:28,298
Museum members of course we're old

260
00:12:25,778 --> 00:12:31,619
friends only we are what can you tell me

261
00:12:28,298 --> 00:12:33,909
about the whole idea of Jurassic lounge

262
00:12:31,619 --> 00:12:36,879
Jurassic lounge is basically basically

263
00:12:33,909 --> 00:12:39,818
to reconnect with the 18 to 35 year old

264
00:12:36,879 --> 00:12:41,860
market we turn the museum into a

265
00:12:39,818 --> 00:12:44,948
playground for adults so we bring in

266
00:12:41,860 --> 00:12:47,199
bands we have a silent disco we get our

267
00:12:44,948 --> 00:12:48,368
scientists from the little dark corners

268
00:12:47,198 --> 00:12:51,878
of the museum and put them out on

269
00:12:48,369 --> 00:12:53,410
display and we supply everyone with just

270
00:12:51,879 --> 00:12:56,558
a little bit of alcohol and let your

271
00:12:53,409 --> 00:12:59,649

friend free so I've noticed so I've

272

00:12:56,558 --> 00:13:01,868
noticed I've enjoyed a little bit myself

273

00:12:59,649 --> 00:13:04,119
and I've been having a great time I went

274

00:13:01,869 --> 00:13:05,739
to the silent disco and I noticed all

275

00:13:04,119 --> 00:13:08,528
sorts of things so how long has this

276

00:13:05,739 --> 00:13:10,449
been going now this is our second season

277

00:13:08,528 --> 00:13:12,278
so the first season around for 12 weeks

278

00:13:10,448 --> 00:13:14,039
and we heard about 13 and a half

279

00:13:12,278 --> 00:13:16,389
thousand people through the 12 weeks

280

00:13:14,039 --> 00:13:18,998
this is the second season which is

281

00:13:16,389 --> 00:13:20,649
running for eight weeks we've only got

282

00:13:18,999 --> 00:13:23,379
three weeks left it run finishes on the

283

00:13:20,649 --> 00:13:26,110
25 sep tember right that's fantastic now

284

00:13:23,379 --> 00:13:27,789
I'm so keen to take that I'm soda keen

285

00:13:26,110 --> 00:13:31,360
to come back here in official capacity

286
00:13:27,789 --> 00:13:33,488
walk around and bend a few spoons and do

287
00:13:31,360 --> 00:13:36,519
whatever I can to have you back thank

288
00:13:33,489 --> 00:13:38,379
you because I'm so i really like

289
00:13:36,519 --> 00:13:41,409
outreach you know i really like it when

290
00:13:38,379 --> 00:13:43,149
science outreaches reaches out i should

291
00:13:41,409 --> 00:13:44,708
say to the general public to engage

292
00:13:43,149 --> 00:13:46,869
their interest I think it's one of the

293
00:13:44,708 --> 00:13:49,328
best things scientists well this is a

294
00:13:46,869 --> 00:13:52,178
new way of communicating science to a

295
00:13:49,328 --> 00:13:54,399
brand new audience who have either never

296
00:13:52,178 --> 00:13:55,659
been to the museum before or pass the

297
00:13:54,399 --> 00:13:57,850
building and didn't know that this

298
00:13:55,659 --> 00:14:00,129
existed or they haven't come back since

299
00:13:57,850 --> 00:14:02,409
they were a child so it's been

300
00:14:00,129 --> 00:14:04,499
incredibly successful so I can see now

301
00:14:02,409 --> 00:14:07,318
how can our listeners find

302
00:14:04,499 --> 00:14:09,859
more about Jurassic lounge they can head

303
00:14:07,318 --> 00:14:13,259
to the Jurassic lounge website on ww

304
00:14:09,859 --> 00:14:15,119
Jurassic lounge com it couldn't be

305
00:14:13,259 --> 00:14:16,798
easier than that good can't get any

306
00:14:15,119 --> 00:14:18,538
easier well I better let you go I'm

307
00:14:16,798 --> 00:14:20,519
going to run around myself and have a

308
00:14:18,538 --> 00:14:22,879
look at some of the fun nice thanks

309
00:14:20,519 --> 00:14:22,879
Richard

310
00:14:31,799 --> 00:14:36,159
yo guys i was talking to Richard

311
00:14:34,149 --> 00:14:38,139
solvency today all right he said if we

312
00:14:36,159 --> 00:14:40,568
record a trailer for our podcast

313
00:14:38,139 --> 00:14:42,370
skeptics with a que he declared on the

314

00:14:40,568 --> 00:14:43,628
inertial mass nice of him that's very

315
00:14:42,370 --> 00:14:45,490
generous it's pretty good i'm not sure

316
00:14:43,629 --> 00:14:47,499
what we could doodle I mean well suppose

317
00:14:45,490 --> 00:14:50,318
you tell people the shows about but it's

318
00:14:47,499 --> 00:14:51,339
basic as this yeah like yeah but you

319
00:14:50,318 --> 00:14:53,078
know we talk about science and

320
00:14:51,339 --> 00:14:54,430
skepticism and things that's that's true

321
00:14:53,078 --> 00:14:56,708
as fuzzier you mentioned the website

322
00:14:54,429 --> 00:14:58,568
address not merseyside skeptics todo UK

323
00:14:56,708 --> 00:15:00,159
yeah yeah just like searches night UN's

324
00:14:58,568 --> 00:15:03,639
oh and then we could end with like a big

325
00:15:00,159 --> 00:15:10,629
song like the skeptics with okay god no

326
00:15:03,639 --> 00:15:16,558
no no no don't don't do that here's may

327
00:15:10,629 --> 00:15:16,558
not spooky action at the distance

328
00:15:16,909 --> 00:15:22,679

cub reporter Maynard on the scene of the

329

00:15:19,559 --> 00:15:25,139

reported first blowfly of summer here in

330

00:15:22,679 --> 00:15:28,109

Carrington where Tony push had happened

331

00:15:25,139 --> 00:15:30,990

to him when a late July ahh this one was

332

00:15:28,110 --> 00:15:32,460

highly active it was alert it was

333

00:15:30,990 --> 00:15:33,840

intelligent now we're in the room where

334

00:15:32,460 --> 00:15:36,090

it happened I wanna come and have a look

335

00:15:33,840 --> 00:15:37,920

at the exact spot where it happened as

336

00:15:36,090 --> 00:15:39,990

we walk through I was this morning my

337

00:15:37,919 --> 00:15:41,339

own business and I was standing in front

338

00:15:39,990 --> 00:15:43,440

of this doorway looking out into the

339

00:15:41,340 --> 00:15:45,420

backyard now in the backyard you've got

340

00:15:43,440 --> 00:15:47,880

all that stuff an array of different

341

00:15:45,419 --> 00:15:49,649

trees in pots and you got quite a

342

00:15:47,879 --> 00:15:51,809

noticeable compost heap there yeah I've

343
00:15:49,649 --> 00:15:53,639
got an enormous compost heap i'm working

344
00:15:51,809 --> 00:15:55,649
at whittling that down what time of day

345
00:15:53,639 --> 00:15:57,480
was it it's about three in the afternoon

346
00:15:55,649 --> 00:15:59,519
and you were just looking at your

347
00:15:57,480 --> 00:16:01,590
backyard yeah I was having a bit of a

348
00:15:59,519 --> 00:16:03,960
thinker quiet think about you know the

349
00:16:01,590 --> 00:16:07,139
composting process in general when

350
00:16:03,960 --> 00:16:09,750
suddenly I heard this whirring noise I

351
00:16:07,139 --> 00:16:11,610
thought it might have been a helicopter

352
00:16:09,750 --> 00:16:14,340
but you had any drinks this day you saw

353
00:16:11,610 --> 00:16:15,960
the fly no it's dang cold sober okay and

354
00:16:14,340 --> 00:16:17,340
what did it do how did you interact with

355
00:16:15,960 --> 00:16:19,110
it and you sure you you weren't

356
00:16:17,340 --> 00:16:22,470
distracted by the TV the radio the book

357
00:16:19,110 --> 00:16:24,300
TV wasn't on book wasn't on it landed on

358
00:16:22,470 --> 00:16:27,120
my chest actually on the button on my

359
00:16:24,299 --> 00:16:30,120
shirt I did a bit of a roundhouse on my

360
00:16:27,120 --> 00:16:32,820
chest and as I looked down our eyes met

361
00:16:30,120 --> 00:16:34,769
I'm not kidding you so it's quite a I

362
00:16:32,820 --> 00:16:37,140
will specify moment well you know they

363
00:16:34,769 --> 00:16:38,699
have a fairly complex either fly yeah

364
00:16:37,139 --> 00:16:42,960
apparently they've got about ninety six

365
00:16:38,700 --> 00:16:46,350
eyes apparently so you're outnumbered 43

366
00:16:42,960 --> 00:16:49,680
21 his brain was operate or her her

367
00:16:46,350 --> 00:16:51,000
brain IG I didn't stop to think I don't

368
00:16:49,679 --> 00:16:52,739
know how you do that how do you sex a

369
00:16:51,000 --> 00:16:56,070
fly but I do know that even though a

370
00:16:52,740 --> 00:16:59,549
fly's brain is smaller than a human

371

00:16:56,070 --> 00:17:01,590
beings it operates 10 times faster it's

372
00:16:59,549 --> 00:17:04,079
on your button yeah it's on my chest on

373
00:17:01,590 --> 00:17:06,029
my button on my chest and it spins

374
00:17:04,079 --> 00:17:09,240
around on that button and stares up at

375
00:17:06,029 --> 00:17:12,410
me could you tell what intention head it

376
00:17:09,240 --> 00:17:16,470
was sizing me up for sure for sure I

377
00:17:12,410 --> 00:17:18,480
didn't panic I thought for sure it could

378
00:17:16,470 --> 00:17:21,990
not sit on my button for terribly much

379
00:17:18,480 --> 00:17:24,660
longer and it didn't now I went to the

380
00:17:21,990 --> 00:17:27,299
bathroom and it seemed to be spaced out

381
00:17:24,660 --> 00:17:28,500
by the extra light and it buzzed offer

382
00:17:27,299 --> 00:17:29,659
because that's the other thing that

383
00:17:28,500 --> 00:17:31,700
flies they head toward

384
00:17:29,660 --> 00:17:34,910
shadows I don't know why so it exited

385
00:17:31,700 --> 00:17:37,850

through the house at the front door I

386

00:17:34,910 --> 00:17:39,890

don't know where it exited I actually no

387

00:17:37,849 --> 00:17:41,990

I didn't follow the fly I'm I'm sorry

388

00:17:39,890 --> 00:17:43,550

and if you see one sense yeah there was

389

00:17:41,990 --> 00:17:45,859

one about half hour ago but you know

390

00:17:43,549 --> 00:17:47,809

this is we're on the cusp of spring now

391

00:17:45,859 --> 00:17:50,569

no you can't have flies any time of the

392

00:17:47,809 --> 00:17:55,099

year yeah I know this this fly was very

393

00:17:50,569 --> 00:17:56,450

flourish athletic and I thought really

394

00:17:55,099 --> 00:17:58,339

on the ball they thought it may be

395

00:17:56,450 --> 00:18:03,710

getting a fly screen for the house oh

396

00:17:58,339 --> 00:18:11,419

yeah I gotta fly screen here hey there

397

00:18:03,710 --> 00:18:12,740

you go oh and also one rinse after you

398

00:18:11,420 --> 00:18:14,960

go to the surf because they like the

399

00:18:12,740 --> 00:18:17,630

leaking they sorta lick that all that

400
00:18:14,960 --> 00:18:24,740
salty is assaulting this off you goodbye

401
00:18:17,630 --> 00:18:26,120
Tony okay well this obviously a burning

402
00:18:24,740 --> 00:18:27,740
social issue at carrington for this

403
00:18:26,119 --> 00:18:30,049
particular person tourney push on the

404
00:18:27,740 --> 00:18:32,420
phone we have an expert with a master's

405
00:18:30,049 --> 00:18:34,519
degree in environmental science that

406
00:18:32,420 --> 00:18:37,039
correct Danielle Lloyd Pritchard yes

407
00:18:34,519 --> 00:18:38,869
that is correct yeah and what attracted

408
00:18:37,039 --> 00:18:40,700
you to environmental science obviously

409
00:18:38,869 --> 00:18:42,049
it's a blooming field particularly new

410
00:18:40,700 --> 00:18:43,819
cast a lot of work around for that at

411
00:18:42,049 --> 00:18:45,589
the moment well actually when I

412
00:18:43,819 --> 00:18:47,059
completed my environmental science

413
00:18:45,589 --> 00:18:48,980
master's degree I was in the Northern

414
00:18:47,059 --> 00:18:50,539
Territory and I was definitely attracted

415
00:18:48,980 --> 00:18:52,339
by the wetlands up there and the life

416
00:18:50,539 --> 00:18:54,139
that surrounds it well we're talking

417
00:18:52,339 --> 00:18:56,359
about the life that surrounded that our

418
00:18:54,140 --> 00:18:57,890
call attorney push I visit him earlier

419
00:18:56,359 --> 00:18:59,959
there he spoke of his encounter with a

420
00:18:57,890 --> 00:19:01,910
fly he called it the first fly of summer

421
00:18:59,960 --> 00:19:03,799
but in fact they can breathe or any time

422
00:19:01,910 --> 00:19:05,090
of the year Catholic well they do in the

423
00:19:03,799 --> 00:19:08,210
warmer climates that's for sure

424
00:19:05,089 --> 00:19:10,129
generally around the the East Coast the

425
00:19:08,210 --> 00:19:12,380
Flies will not bright will not breathe

426
00:19:10,130 --> 00:19:13,910
through winter but what you get when you

427
00:19:12,380 --> 00:19:16,360
start to get the temperatures increasing

428

00:19:13,910 --> 00:19:18,890
usually once they sit around 18 degrees

429
00:19:16,359 --> 00:19:20,779
the fly population will start to

430
00:19:18,890 --> 00:19:22,250
increase and you can get the wind's

431
00:19:20,779 --> 00:19:24,470
coming in from the north which will

432
00:19:22,250 --> 00:19:26,690
carry flies I mean some say they can

433
00:19:24,470 --> 00:19:28,579
travel over 200 kilometers a day when

434
00:19:26,690 --> 00:19:30,680
the winds are right so you will start to

435
00:19:28,579 --> 00:19:32,539
see anywhere from now and coming into

436
00:19:30,680 --> 00:19:34,970
october november fly populations

437
00:19:32,539 --> 00:19:37,099
increasing and that's just from the

438
00:19:34,970 --> 00:19:38,690
blowing effect and speaking the blowing

439
00:19:37,099 --> 00:19:40,299
of phil act when I got the I didn't have

440
00:19:38,690 --> 00:19:42,919
his black it didn't have his back

441
00:19:40,299 --> 00:19:45,079
flyscreen on and I detected the frame

442
00:19:42,919 --> 00:19:47,929

odor of a rotting Mandarin would that

443

00:19:45,079 --> 00:19:49,788

draw a flying absolutely flies are very

444

00:19:47,929 --> 00:19:51,798

attracted to those sweet smells and

445

00:19:49,788 --> 00:19:54,200

really the best way to control them is

446

00:19:51,798 --> 00:19:56,028

through sanitation practices at home and

447

00:19:54,200 --> 00:19:57,859

those control methods such as fly

448

00:19:56,028 --> 00:19:59,358

screens on your windows and doors now

449

00:19:57,858 --> 00:20:00,858

Tony push brought up a number of issues

450

00:19:59,358 --> 00:20:03,288

mainly about his lifestyle in that

451

00:20:00,858 --> 00:20:05,118

interview but the main problem how can

452

00:20:03,288 --> 00:20:06,769

you tell the sex of the fly can you oh

453

00:20:05,118 --> 00:20:08,418

I'm not really sure to be honest

454

00:20:06,769 --> 00:20:10,759

generally the females are larger than

455

00:20:08,419 --> 00:20:13,970

the males and quite often the males have

456

00:20:10,759 --> 00:20:15,558

like a large a larger I and it's a

457
00:20:13,970 --> 00:20:16,940
little bit higher on their heads but I

458
00:20:15,558 --> 00:20:18,589
mean we're talking about thousands of

459
00:20:16,940 --> 00:20:21,409
species of flies here and they've all

460
00:20:18,589 --> 00:20:22,849
got their own little specialties and how

461
00:20:21,409 --> 00:20:25,039
do they do they're smelling is it like

462
00:20:22,849 --> 00:20:27,288
that big tongue is to ghettos with

463
00:20:25,038 --> 00:20:29,179
their feet it's interesting flies have a

464
00:20:27,288 --> 00:20:31,158
lot of fears over their bodies and they

465
00:20:29,179 --> 00:20:34,190
also have antenna and they use the

466
00:20:31,159 --> 00:20:36,259
hair's hairs on their legs on their body

467
00:20:34,190 --> 00:20:38,028
and on the antenna to detect the smells

468
00:20:36,259 --> 00:20:39,589
and quite often if you have a really

469
00:20:38,028 --> 00:20:40,730
close look at flies you can see that

470
00:20:39,589 --> 00:20:42,528
they're constantly rubbing their feet

471
00:20:40,730 --> 00:20:43,669
and you think all what's going on it's

472
00:20:42,528 --> 00:20:45,440
like they're rubbing their their hands

473
00:20:43,669 --> 00:20:47,450
going oh yum i smell a good meal coming

474
00:20:45,440 --> 00:20:48,679
they're actually always cleaning

475
00:20:47,450 --> 00:20:50,359
themselves as well and they rub their

476
00:20:48,679 --> 00:20:52,639
eyes constantly because i don't have an

477
00:20:50,358 --> 00:20:55,128
eyelid so actually fascinating insects

478
00:20:52,638 --> 00:20:57,709
to spend a bit of time to watch but yeah

479
00:20:55,128 --> 00:20:59,028
it is through those hairs that they pick

480
00:20:57,710 --> 00:21:00,739
up most of the smell and when they land

481
00:20:59,028 --> 00:21:02,210
on the food they'll rub their hands

482
00:21:00,739 --> 00:21:04,159
together and they'll put their mouth

483
00:21:02,210 --> 00:21:06,379
down into that food and sort of lap it

484
00:21:04,159 --> 00:21:07,909
up or sponge it up to taste it yeah how

485

00:21:06,378 --> 00:21:09,168
come they can always get out of the way

486
00:21:07,909 --> 00:21:11,929
before you hit them is because they're

487
00:21:09,169 --> 00:21:13,220
them the metabolism runs ten times

488
00:21:11,929 --> 00:21:14,600
faster than ours or something or they

489
00:21:13,220 --> 00:21:16,489
just really they still get squashed

490
00:21:14,599 --> 00:21:18,618
what's go with them they've got amazing

491
00:21:16,489 --> 00:21:20,929
eyes actually they've got the most

492
00:21:18,618 --> 00:21:22,970
complex I of any creature that I'm aware

493
00:21:20,929 --> 00:21:25,879
of on the planet and so they have the

494
00:21:22,970 --> 00:21:27,889
ability to see virtually 360 degrees so

495
00:21:25,878 --> 00:21:28,969
they just see you coming you think

496
00:21:27,888 --> 00:21:30,648
they've got their back to you but they

497
00:21:28,970 --> 00:21:33,409
don't they're watching here's my chance

498
00:21:30,648 --> 00:21:35,209
to use my only yep tamala gee I think

499
00:21:33,409 --> 00:21:42,200

that's a words knowledge I'm are they

500

00:21:35,210 --> 00:21:43,759

fig tactile like a cockroach now I've

501

00:21:42,200 --> 00:21:45,859

been led to believe the word fig tactile

502

00:21:43,759 --> 00:21:47,419

means that they prefer to run along they

503

00:21:45,858 --> 00:21:49,128

like to have contact with all surfaces

504

00:21:47,419 --> 00:21:51,139

at once so they'll go along the corner

505

00:21:49,128 --> 00:21:52,998

of a room along the edge so they have

506

00:21:51,138 --> 00:21:54,648

contact against the two surfaces you

507

00:21:52,999 --> 00:21:55,100

really see them run across the middle of

508

00:21:54,648 --> 00:21:56,599

a room

509

00:21:55,099 --> 00:21:58,579

cockroach I thought that's what fig

510

00:21:56,599 --> 00:22:00,589

tactile meant they like them contact

511

00:21:58,579 --> 00:22:03,048

with multiple surfaces I think your

512

00:22:00,589 --> 00:22:06,109

family flies is on they prefer to be

513

00:22:03,048 --> 00:22:08,269

flying if they're not eating and what

514
00:22:06,109 --> 00:22:10,279
they do is its temperature dependent so

515
00:22:08,269 --> 00:22:12,529
usually if the temperatures below 12

516
00:22:10,279 --> 00:22:14,269
degrees flies aren't flying so you might

517
00:22:12,529 --> 00:22:15,798
see them sitting on surfaces around your

518
00:22:14,269 --> 00:22:17,329
house I'll try and go for the warm

519
00:22:15,798 --> 00:22:19,369
surfaces so you'll see them sitting on

520
00:22:17,329 --> 00:22:21,079
the covers of your light so you'll see

521
00:22:19,369 --> 00:22:22,609
them in a sunny spot out in the garden

522
00:22:21,079 --> 00:22:25,069
just sitting there but they won't fly

523
00:22:22,609 --> 00:22:26,808
because it's too cold for them so yeah

524
00:22:25,069 --> 00:22:28,609
they do prefer to be flying unless

525
00:22:26,808 --> 00:22:30,769
they're they're stopping to eat and do

526
00:22:28,609 --> 00:22:33,529
they prefer the dark to light they're

527
00:22:30,769 --> 00:22:35,720
actually more of a daytime in fact so

528
00:22:33,529 --> 00:22:37,819
that's when you see them flying around

529
00:22:35,720 --> 00:22:39,919
is it's in the warm light as an

530
00:22:37,819 --> 00:22:41,808
environmental scientist Daniel Lord

531
00:22:39,919 --> 00:22:43,190
Richard everyone would ask you best way

532
00:22:41,808 --> 00:22:44,569
to get rid of them obviously people like

533
00:22:43,190 --> 00:22:47,150
using a bit of fly spray but is the good

534
00:22:44,569 --> 00:22:49,158
old like a sticky thing that they can

535
00:22:47,150 --> 00:22:52,100
stick to like that like a fly paper

536
00:22:49,159 --> 00:22:54,080
hanging yeah look I've resorted to those

537
00:22:52,099 --> 00:22:57,079
old sticky tapes it hang down in the

538
00:22:54,079 --> 00:22:59,538
front of my doors flyscreens you know

539
00:22:57,079 --> 00:23:02,599
that they're great they help they work

540
00:22:59,538 --> 00:23:05,419
remember the old little little Tesla

541
00:23:02,599 --> 00:23:07,279
entrances into shops and things like

542

00:23:05,419 --> 00:23:09,440
that are like strips of rubber that used

543
00:23:07,279 --> 00:23:11,329
to hang down oh yeah take the flies out

544
00:23:09,440 --> 00:23:13,100
there very effective as well and the

545
00:23:11,329 --> 00:23:14,928
great because it back like if you were

546
00:23:13,099 --> 00:23:16,658
yourself or your kids just want to show

547
00:23:14,929 --> 00:23:19,519
they also double as a curtain for shows

548
00:23:16,659 --> 00:23:21,350
absolutely yeah now people also liked to

549
00:23:19,519 --> 00:23:22,759
make it in and put some flyer tractor

550
00:23:21,349 --> 00:23:23,899
material in there and the Flies get in

551
00:23:22,759 --> 00:23:26,179
they can't get out is that a good thing

552
00:23:23,900 --> 00:23:28,700
to be doing to it works well around your

553
00:23:26,179 --> 00:23:30,350
fruit veggie areas definitely if you're

554
00:23:28,700 --> 00:23:32,900
coming into fruiting season without

555
00:23:30,349 --> 00:23:35,298
peaches it's good to have little fly

556
00:23:32,900 --> 00:23:36,620

traps up you can see what's around and

557

00:23:35,298 --> 00:23:38,298

there's only danger for having out like

558

00:23:36,619 --> 00:23:40,129

a fly strip hanging down and having dead

559

00:23:38,298 --> 00:23:42,259

flies on it I mean yeah that sounds like

560

00:23:40,130 --> 00:23:43,400

would be a health hazard you don't want

561

00:23:42,259 --> 00:23:45,500

to leave them too long because they will

562

00:23:43,400 --> 00:23:47,210

start to smell and you do know they I

563

00:23:45,500 --> 00:23:51,259

mean there's landing on a lot of food

564

00:23:47,210 --> 00:23:53,720

they really really love decaying yeah

565

00:23:51,259 --> 00:23:56,029

corpses sugar so dead animals but it

566

00:23:53,720 --> 00:23:57,769

might be around the area and feces as

567

00:23:56,029 --> 00:23:59,119

well they'll land on that so you don't

568

00:23:57,769 --> 00:24:00,379

want to be coming into contact with the

569

00:23:59,119 --> 00:24:02,989

flies because they will spread the

570

00:24:00,380 --> 00:24:04,790

bacteria so much of what's your final

571
00:24:02,990 --> 00:24:06,890
word of advice for Tony push there in

572
00:24:04,789 --> 00:24:08,829
Carrington he's worried about having a

573
00:24:06,890 --> 00:24:11,720
fly problem in his

574
00:24:08,829 --> 00:24:13,128
well k composting that's a great job

575
00:24:11,720 --> 00:24:15,350
maybe keep the lid on it if you want to

576
00:24:13,128 --> 00:24:17,240
keep the five population down putting

577
00:24:15,349 --> 00:24:19,368
those control methods yeah put your fly

578
00:24:17,240 --> 00:24:21,769
screens in don't leave rotting fruit

579
00:24:19,368 --> 00:24:24,859
around or meet keep the meat out of your

580
00:24:21,769 --> 00:24:26,480
compost actually yeah and flies haven't

581
00:24:24,859 --> 00:24:27,769
got a complex personality Heather they

582
00:24:26,480 --> 00:24:29,628
wouldn't they wouldn't have been looking

583
00:24:27,769 --> 00:24:31,519
at him sizing him up would they yeah I

584
00:24:29,628 --> 00:24:35,118
don't know the psyche of a flight he

585
00:24:31,519 --> 00:24:37,749
knows you never know depend how could he

586
00:24:35,118 --> 00:24:37,749
smelled I think

587
00:24:51,499 --> 00:25:06,389
join us now for drinking skeptically in

588
00:24:54,868 --> 00:25:08,428
the think tank the probe was cutting the

589
00:25:06,388 --> 00:25:11,308
arteries and caused angry like the

590
00:25:08,429 --> 00:25:14,519
finger doesn't get you know God yeah

591
00:25:11,308 --> 00:25:16,408
yeah this is what we talked about folks

592
00:25:14,519 --> 00:25:18,479
before we record a think tank we talk

593
00:25:16,409 --> 00:25:20,429
about gore and blood and people cutting

594
00:25:18,479 --> 00:25:22,379
their fingers which is the topic of

595
00:25:20,429 --> 00:25:24,929
conversation but I would like to say

596
00:25:22,378 --> 00:25:26,368
hello and welcome back to the think tank

597
00:25:24,929 --> 00:25:28,048
it's been a long time since we had a

598
00:25:26,368 --> 00:25:29,459
proper one we're back we're back at our

599

00:25:28,048 --> 00:25:32,969
club at the end of the street waiting

600
00:25:29,460 --> 00:25:35,399
for the bus announcement waiting with me

601
00:25:32,969 --> 00:25:37,619
all of us waiting with me a giggling in

602
00:25:35,398 --> 00:25:41,579
the background is nurse Joe Benna mu

603
00:25:37,618 --> 00:25:44,249
hein I Richard giggling ages it has been

604
00:25:41,579 --> 00:25:47,428
ages I'm so excited you are you're just

605
00:25:44,249 --> 00:25:49,348
gushing and bubbling it's a run so give

606
00:25:47,429 --> 00:25:50,700
higher run hello Richard's good to be

607
00:25:49,348 --> 00:25:53,579
back yeah it's really nice that we've

608
00:25:50,700 --> 00:25:55,499
had a all had a nice Chinese non and of

609
00:25:53,579 --> 00:25:57,088
course normal blood and gore and blood

610
00:25:55,499 --> 00:25:59,278
and gore and nomming her Chinese which

611
00:25:57,088 --> 00:26:03,868
is all finished now it's dr. AG hi

612
00:25:59,278 --> 00:26:05,429
Richard i am little normington it's

613
00:26:03,868 --> 00:26:08,939

little Norwegian what noise to one bat

614

00:26:05,429 --> 00:26:11,489

speed listen to this noise oh that's one

615

00:26:08,940 --> 00:26:15,088

that snows on our table we have oh by

616

00:26:11,489 --> 00:26:17,598

the way everybody listen last week was

617

00:26:15,088 --> 00:26:20,219

our one hundred and fiftieth show and

618

00:26:17,598 --> 00:26:22,888

this this week is sort of roughly

619

00:26:20,219 --> 00:26:24,690

coincides with the launch of the skeptic

620

00:26:22,888 --> 00:26:26,848

zone which was three years ago in

621

00:26:24,690 --> 00:26:34,259

Atlanta Georgia at dragoncon so big

622

00:26:26,848 --> 00:26:38,460

cheers for three years hmm oh that's

623

00:26:34,259 --> 00:26:40,950

better of the skeptic zone and I was

624

00:26:38,460 --> 00:26:42,719

saying to you earlier that all about one

625

00:26:40,950 --> 00:26:44,548

week about three years we've had a

626

00:26:42,719 --> 00:26:47,489

skeptic zone go out so that's just

627

00:26:44,548 --> 00:26:50,898

fantastic and we have so much to cover

628
00:26:47,489 --> 00:26:53,819
on this think tank because we've been

629
00:26:50,898 --> 00:26:54,118
neglecting our think tank duties haven't

630
00:26:53,819 --> 00:26:56,398
we

631
00:26:54,118 --> 00:26:58,138
we really have who wants to kick I mean

632
00:26:56,398 --> 00:27:00,328
you've all got papers and iPads and on

633
00:26:58,138 --> 00:27:02,998
books and computers in front of in front

634
00:27:00,328 --> 00:27:06,239
of you there's a few things we want to

635
00:27:02,999 --> 00:27:07,499
get through why don't we start with you

636
00:27:06,239 --> 00:27:08,939
Jay I noticed that you've got some

637
00:27:07,499 --> 00:27:12,269
things lined up including and

638
00:27:08,939 --> 00:27:19,048
highlighted hey I lighting he'll freak

639
00:27:12,269 --> 00:27:20,909
with tradition oh well it's going to be

640
00:27:19,048 --> 00:27:22,348
anyone isn't anyone anyone who follows

641
00:27:20,909 --> 00:27:25,829
me on Twitter might have seen me

642
00:27:22,348 --> 00:27:27,808
recently telling telling dr. Ricci that

643
00:27:25,828 --> 00:27:30,658
I was doing some light reading to save

644
00:27:27,808 --> 00:27:32,098
her from having to go through the

645
00:27:30,659 --> 00:27:37,079
torture of what I've been looking at

646
00:27:32,098 --> 00:27:38,698
here and you know we all anyone going

647
00:27:37,078 --> 00:27:41,548
into a newsagent in Australia and

648
00:27:38,699 --> 00:27:44,689
probably you know anyway our listeners

649
00:27:41,548 --> 00:27:47,068
are would have seen the the usual

650
00:27:44,689 --> 00:27:49,048
crackpot section in the news agents

651
00:27:47,068 --> 00:27:51,538
where you find hard evidence and

652
00:27:49,048 --> 00:27:56,128
uncensored and various you know Nexus

653
00:27:51,538 --> 00:28:00,479
you don't whatever yeah anyway I was cup

654
00:27:56,128 --> 00:28:04,858
at o two months ago now i came across a

655
00:28:00,479 --> 00:28:07,048
new publication it was actually it's

656

00:28:04,858 --> 00:28:09,418
very first issue and i found it in the

657
00:28:07,048 --> 00:28:11,638
Health section of the newsagent it's not

658
00:28:09,419 --> 00:28:14,999
in the crowd about action what's the

659
00:28:11,638 --> 00:28:18,148
game the news agents got it wrong dr.

660
00:28:14,999 --> 00:28:20,489
rach's dr. H is peering over looking at

661
00:28:18,148 --> 00:28:22,918
the journal so we have here the first

662
00:28:20,489 --> 00:28:26,449
and second issues of the new zealand

663
00:28:22,919 --> 00:28:28,349
journal of natural medicine rule and

664
00:28:26,449 --> 00:28:30,298
alison really i think it would be more

665
00:28:28,348 --> 00:28:34,378
appropriately found in the crackpot

666
00:28:30,298 --> 00:28:36,689
section and it features such a such

667
00:28:34,378 --> 00:28:39,269
headlines as how to protect yourself

668
00:28:36,689 --> 00:28:40,528
from radiation poisoning oh this could

669
00:28:39,269 --> 00:28:43,439
be some of the most important

670
00:28:40,528 --> 00:28:45,388

information you will ever read one of

671

00:28:43,439 --> 00:28:49,109

rach's favorite topics are mammograms

672

00:28:45,388 --> 00:28:52,248

useless ah let's see the healing power

673

00:28:49,108 --> 00:28:57,000

of ozone can vitamin d prevent cancer

674

00:28:52,249 --> 00:28:59,650

how to raise a vaccine free child

675

00:28:57,000 --> 00:29:02,259

proof that cancer surgery increases

676

00:28:59,650 --> 00:29:04,870

mortality what proof that cancer surgery

677

00:29:02,259 --> 00:29:06,970

increases mortality but isn't it true

678

00:29:04,869 --> 00:29:10,539

what has just said that this is the

679

00:29:06,970 --> 00:29:13,000

place to reason yes yes um and then the

680

00:29:10,539 --> 00:29:16,180

an issue number two we go on to is

681

00:29:13,000 --> 00:29:18,970

psychiatry a hoax what what what's more

682

00:29:16,180 --> 00:29:21,160

dangerous measles or the vaccine and so

683

00:29:18,970 --> 00:29:23,620

on oh wait my favorite one at last

684

00:29:21,160 --> 00:29:26,590

successful treatments for autism I know

685
00:29:23,619 --> 00:29:28,149
Wow now i'm not going to actually go

686
00:29:26,589 --> 00:29:30,459
into any of the articles themselves

687
00:29:28,150 --> 00:29:33,190
because that they are so predictable

688
00:29:30,460 --> 00:29:34,960
they read like anything that you look

689
00:29:33,190 --> 00:29:36,580
quite frankly given the fact that half

690
00:29:34,960 --> 00:29:38,620
the publication seems to be just

691
00:29:36,579 --> 00:29:43,449
reprints from natural news and mercola

692
00:29:38,619 --> 00:29:44,889
com anyway yeah there look at look at

693
00:29:43,450 --> 00:29:48,549
all the highlights she's put through the

694
00:29:44,890 --> 00:29:52,000
mail I actually wanted to tell you a

695
00:29:48,549 --> 00:29:53,799
little bit about the the editorial yes

696
00:29:52,000 --> 00:29:56,559
because I thought you'd find this rather

697
00:29:53,799 --> 00:29:58,809
interesting so um the the people

698
00:29:56,559 --> 00:30:01,119
involved in this they're about five of

699
00:29:58,809 --> 00:30:03,549
them there are two editors who I haven't

700
00:30:01,119 --> 00:30:05,049
actually had much time to look at who

701
00:30:03,549 --> 00:30:07,839
they are but they seem to come from some

702
00:30:05,049 --> 00:30:12,549
rather interesting backgrounds but there

703
00:30:07,839 --> 00:30:14,079
are two opening editorials and it's not

704
00:30:12,549 --> 00:30:15,849
like this it says that the new zealand

705
00:30:14,079 --> 00:30:17,679
journal of natural medicine is devoted

706
00:30:15,849 --> 00:30:20,079
to the serious exploration of the many

707
00:30:17,680 --> 00:30:21,670
proven ways that natural medicine can

708
00:30:20,079 --> 00:30:24,399
treat illness and/or help maintain

709
00:30:21,670 --> 00:30:26,410
optimum health it's time we face the

710
00:30:24,400 --> 00:30:27,910
fact that conventional or corporate or

711
00:30:26,410 --> 00:30:30,430
mainstream medicine rather conventional

712
00:30:27,910 --> 00:30:32,440
or corporate or mainstream medicine like

713

00:30:30,430 --> 00:30:33,789
that three names for the same thing has

714
00:30:32,440 --> 00:30:36,789
largely failed the people it was

715
00:30:33,789 --> 00:30:37,839
allegedly set up to serve even the

716
00:30:36,789 --> 00:30:39,730
Journal of the American Medical

717
00:30:37,839 --> 00:30:41,559
Association found that corporate

718
00:30:39,730 --> 00:30:43,269
medicine is now the second or the third

719
00:30:41,559 --> 00:30:45,309
leading cause of death in the u.s. they

720
00:30:43,269 --> 00:30:48,250
seem to be unsure which it's one of the

721
00:30:45,309 --> 00:30:50,649
other um and then they go on to talk

722
00:30:48,250 --> 00:30:52,359
about a reference for that now note note

723
00:30:50,650 --> 00:30:53,860
that inside a reference they then go on

724
00:30:52,359 --> 00:30:55,809
to talk about the usual things about

725
00:30:53,859 --> 00:30:57,909
profiteering and that there's a war on

726
00:30:55,809 --> 00:31:01,629
natural medicine and blah blah blah blah

727
00:30:57,910 --> 00:31:03,100

blah and then they go on to say natural

728

00:31:01,630 --> 00:31:05,950

medicine is taking an increasing share

729

00:31:03,099 --> 00:31:07,269

of the health dollar from Big Pharma not

730

00:31:05,950 --> 00:31:08,299

you know I have to say I'm always a

731

00:31:07,269 --> 00:31:10,220

little bit suspicious of

732

00:31:08,299 --> 00:31:14,149

any journal that contains the words big

733

00:31:10,220 --> 00:31:16,009

farmer in the journal not because people

734

00:31:14,150 --> 00:31:17,060

are ill-informed as the accusation goes

735

00:31:16,009 --> 00:31:19,549

but because they are becoming

736

00:31:17,059 --> 00:31:21,139

increasingly well-informed so of course

737

00:31:19,549 --> 00:31:22,690

it says nothing about the huge profits

738

00:31:21,140 --> 00:31:26,320

that are made within the natural

739

00:31:22,690 --> 00:31:28,160

industry but what really really got me

740

00:31:26,319 --> 00:31:31,700

giggling actually because it's really

741

00:31:28,160 --> 00:31:33,980

quite funny was um Jonathan eyes and who

742
00:31:31,700 --> 00:31:34,850
writes that says doctors hospitals and

743
00:31:33,980 --> 00:31:36,500
governments have been bought off

744
00:31:34,849 --> 00:31:38,109
wholesale while your choices in your

745
00:31:36,500 --> 00:31:40,190
health freedom continue to decline

746
00:31:38,109 --> 00:31:42,229
consequently the knowledge of methods

747
00:31:40,190 --> 00:31:44,420
that really work is despite the internet

748
00:31:42,230 --> 00:31:45,860
not reaching everyone who needs it you

749
00:31:44,420 --> 00:31:47,330
then goes on to talk about the fact that

750
00:31:45,859 --> 00:31:49,609
in New Zealand and elsewhere it is

751
00:31:47,329 --> 00:31:50,990
illegal for manufacturers even to inform

752
00:31:49,609 --> 00:31:52,549
the public what conditions their

753
00:31:50,990 --> 00:31:54,950
nutritional supplements might be useful

754
00:31:52,549 --> 00:31:57,559
for even if there is scientific proof of

755
00:31:54,950 --> 00:31:59,120
efficacy this is medical fascism pure

756
00:31:57,559 --> 00:32:00,980
and simple and if we don't fight for our

757
00:31:59,119 --> 00:32:02,449
rights to health freedom we will shortly

758
00:32:00,980 --> 00:32:05,029
lose what little freedom we have left

759
00:32:02,450 --> 00:32:08,690
don't under that's how we're about Meryl

760
00:32:05,029 --> 00:32:12,109
i must say that i'm i'm in favor of the

761
00:32:08,690 --> 00:32:13,789
right to die you know so the freedom to

762
00:32:12,109 --> 00:32:17,149
treat yourself with useless stuff by i

763
00:32:13,789 --> 00:32:19,399
agree okay because his counterpart

764
00:32:17,150 --> 00:32:21,470
catherine smith that goes on to say

765
00:32:19,400 --> 00:32:22,820
thanks to the efforts of many New

766
00:32:21,470 --> 00:32:25,370
Zealanders who have championed the cause

767
00:32:22,819 --> 00:32:27,049
of health freedom here in New Zealand we

768
00:32:25,369 --> 00:32:29,149
enjoy access to a wide range of

769
00:32:27,049 --> 00:32:30,470
therapies and health products citizens

770

00:32:29,150 --> 00:32:32,390
of many other countries are not so

771
00:32:30,470 --> 00:32:34,430
fortunate however the price of freedom

772
00:32:32,390 --> 00:32:35,720
being eternal vigilance an important

773
00:32:34,430 --> 00:32:37,220
part of our mission is to share with our

774
00:32:35,720 --> 00:32:39,049
readers what is going on behind the

775
00:32:37,220 --> 00:32:41,390
season you behind the scenes in New

776
00:32:39,049 --> 00:32:43,220
Zealand the better to preserve access to

777
00:32:41,390 --> 00:32:44,630
traditional herbal medicines nutritional

778
00:32:43,220 --> 00:32:46,460
supplements and other tools that can

779
00:32:44,630 --> 00:32:49,550
promote good health so one of them

780
00:32:46,460 --> 00:32:51,470
claims that there is this big conspiracy

781
00:32:49,549 --> 00:32:54,109
no one can access anything they're being

782
00:32:51,470 --> 00:32:56,809
pushed down by Big Pharma and then the

783
00:32:54,109 --> 00:32:58,609
other one goes on to say but actually

784
00:32:56,809 --> 00:33:00,440

we've got access to everything and we've

785

00:32:58,609 --> 00:33:02,000

got choice to choose whatever we want to

786

00:33:00,440 --> 00:33:05,029

give those two columns are rightfully

787

00:33:02,000 --> 00:33:06,470

little advice are next to each other I

788

00:33:05,029 --> 00:33:07,759

mean stuff the other thing is there

789

00:33:06,470 --> 00:33:10,160

going to be a bit of strife when the

790

00:33:07,759 --> 00:33:11,480

australian government because the a and

791

00:33:10,160 --> 00:33:13,250

new zealand government knee strain

792

00:33:11,480 --> 00:33:15,680

government are currently organizing to

793

00:33:13,250 --> 00:33:17,269

mid safe to regulate medicines in

794

00:33:15,680 --> 00:33:18,380

australia and new zealand yes what at

795

00:33:17,269 --> 00:33:19,250

one of their readers wrote in

796

00:33:18,380 --> 00:33:23,240

hysterically about

797

00:33:19,250 --> 00:33:25,400

that didn't oh shoot oh really yes okay

798

00:33:23,240 --> 00:33:27,799

I thought you'd also be interested in

799

00:33:25,400 --> 00:33:30,170

their advertising policy they're

800

00:33:27,799 --> 00:33:32,389

advertising policy states we do not

801

00:33:30,170 --> 00:33:34,850

accept advertisements for products that

802

00:33:32,390 --> 00:33:36,860

contain aspartame and other artificial

803

00:33:34,849 --> 00:33:38,209

sweeteners as well as other products

804

00:33:36,859 --> 00:33:40,219

that contain ingredients that may be

805

00:33:38,210 --> 00:33:43,579

harmful to health they do advertise

806

00:33:40,220 --> 00:33:45,440

homeopathy I anyhow however however

807

00:33:43,579 --> 00:33:47,149

readers are urged to do their own due

808

00:33:45,440 --> 00:33:48,529

diligence when choosing health &

809

00:33:47,150 --> 00:33:50,390

personal care products and related

810

00:33:48,529 --> 00:33:52,399

services we also do not publish

811

00:33:50,390 --> 00:33:57,530

advertorials in order for the reader to

812

00:33:52,400 --> 00:33:59,720

be assured of objectivity go to their

813
00:33:57,529 --> 00:34:01,099
disclaimer states the new zealand

814
00:33:59,720 --> 00:34:04,069
journal of medicine is published for

815
00:34:01,099 --> 00:34:06,079
educational purposes only we do not

816
00:34:04,069 --> 00:34:07,669
endorse any modalities of treatment for

817
00:34:06,079 --> 00:34:09,230
any illness disability or disease and

818
00:34:07,670 --> 00:34:10,970
encourage our readers to seek out a

819
00:34:09,230 --> 00:34:12,860
competent health professional for any

820
00:34:10,969 --> 00:34:14,628
treatment required we take no

821
00:34:12,860 --> 00:34:16,220
responsibility for the use to which

822
00:34:14,628 --> 00:34:17,960
information contained in any of the

823
00:34:16,219 --> 00:34:20,059
articles published herein is put by the

824
00:34:17,960 --> 00:34:21,349
reader and portion the reader that self

825
00:34:20,059 --> 00:34:23,269
medicating may have unintended

826
00:34:21,349 --> 00:34:24,799
consequences and that the advice of a

827

00:34:23,269 --> 00:34:27,530
competent health professional is always

828
00:34:24,800 --> 00:34:30,110
advisable no other you then go on to

829
00:34:27,530 --> 00:34:31,940
publish exactly an article showing

830
00:34:30,110 --> 00:34:33,740
people that vaccines are considering

831
00:34:31,940 --> 00:34:37,010
they're going to kill their children so

832
00:34:33,739 --> 00:34:38,719
I think these is actually fine with the

833
00:34:37,010 --> 00:34:40,750
only exception that the word competent

834
00:34:38,719 --> 00:34:44,480
should have been replaced by incompetent

835
00:34:40,750 --> 00:34:46,878
these these disclaimers they and other

836
00:34:44,480 --> 00:34:48,409
magazines and websites will do this and

837
00:34:46,878 --> 00:34:49,969
they say oh by the way this is for

838
00:34:48,409 --> 00:34:53,389
educational purposes only we're not that

839
00:34:49,969 --> 00:34:55,189
you buddy are you absolutely no

840
00:34:53,389 --> 00:34:57,289
disclaimer the enemy show it's worth the

841
00:34:55,190 --> 00:34:59,659

same the purposes only yeah I know yeah

842

00:34:57,289 --> 00:35:01,849

but it's really small and that's very

843

00:34:59,659 --> 00:35:04,369

quick if you like shitty own shows off

844

00:35:01,849 --> 00:35:05,960

the air now thanks so look I mean it's

845

00:35:04,369 --> 00:35:09,259

no different to anything you can find

846

00:35:05,960 --> 00:35:12,050

online on any of the the hysterical woo

847

00:35:09,260 --> 00:35:14,540

website glossy and modish it is it's

848

00:35:12,050 --> 00:35:16,490

very well produced it's very glossy and

849

00:35:14,539 --> 00:35:19,759

it's in the health section not in the

850

00:35:16,489 --> 00:35:21,319

cookie wacky weird sick I was very upset

851

00:35:19,760 --> 00:35:22,020

because they even have a photo of house

852

00:35:21,320 --> 00:35:23,789

in here

853

00:35:22,019 --> 00:35:26,030

and whether or not you like house I

854

00:35:23,789 --> 00:35:28,559

can't the house is actually quite a

855

00:35:26,030 --> 00:35:30,870

promoter of the character house is very

856
00:35:28,559 --> 00:35:33,389
skeptical of science and medicine inside

857
00:35:30,869 --> 00:35:35,909
I was rather there was a great episode

858
00:35:33,389 --> 00:35:38,579
where he blasted a parent for not

859
00:35:35,909 --> 00:35:40,379
vaccinating the kid yeah yeah yeah hey

860
00:35:38,579 --> 00:35:43,739
no joke we have a look at that picture

861
00:35:40,380 --> 00:35:46,590
of Hugh Laurie being dr. house as used

862
00:35:43,739 --> 00:35:49,769
in this magazine I think Hugh Laurie

863
00:35:46,590 --> 00:35:53,670
would not be best pleased because my ice

864
00:35:49,769 --> 00:35:57,269
is being used in this very very busy day

865
00:35:53,670 --> 00:35:59,970
gasps you make a very good position be

866
00:35:57,269 --> 00:36:02,009
somehow in the desert yeah I think

867
00:35:59,969 --> 00:36:03,719
should be informed you know what I think

868
00:36:02,010 --> 00:36:05,820
he should buy that may be his friend

869
00:36:03,719 --> 00:36:11,579
Stephen Fry could help too ah he will

870
00:36:05,820 --> 00:36:15,030
good yeah Thank I on 20 me a website

871
00:36:11,579 --> 00:36:17,779
just a good investor website that's the

872
00:36:15,030 --> 00:36:21,710
one yes Stephen Fry crashed our website

873
00:36:17,780 --> 00:36:24,120
we filled the story I reckon well he a

874
00:36:21,710 --> 00:36:25,320
couple of years ago we were meant to I

875
00:36:24,119 --> 00:36:28,009
should do an interview with him for the

876
00:36:25,320 --> 00:36:30,590
skeptic zone yeah and because of a

877
00:36:28,010 --> 00:36:34,200
miscommunication between him and his PA

878
00:36:30,590 --> 00:36:36,269
we turned up but he didn't turn up and

879
00:36:34,199 --> 00:36:37,829
eventually he realized what had happened

880
00:36:36,269 --> 00:36:39,539
and he was very very conscious him I

881
00:36:37,829 --> 00:36:41,579
called you I called me when you were

882
00:36:39,539 --> 00:36:43,619
getting on a train yeah sorry old chap

883
00:36:41,579 --> 00:36:45,869
well what are you saying it oh he said

884

00:36:43,619 --> 00:36:49,529
oh I can't remember his exact words but

885
00:36:45,869 --> 00:36:51,089
he was so sorry and I said I and I felt

886
00:36:49,530 --> 00:36:52,380
sorry because he felt sorry I said

887
00:36:51,090 --> 00:36:53,880
please don't give it another thought

888
00:36:52,380 --> 00:36:56,490
these things happen we'll arrange

889
00:36:53,880 --> 00:36:58,110
something else he's at all I'm sorry but

890
00:36:56,489 --> 00:37:00,179
it was so nice and that was so funny

891
00:36:58,110 --> 00:37:02,070
when it I will incredibly stressed out

892
00:37:00,179 --> 00:37:04,139
when it was happening because he was

893
00:37:02,070 --> 00:37:06,240
twittering everywhere yes around the

894
00:37:04,139 --> 00:37:07,739
harbor and which other is doing wonders

895
00:37:06,239 --> 00:37:10,139
of the hardest are you doing he's dead

896
00:37:07,739 --> 00:37:12,389
let's go one of us would run to where we

897
00:37:10,139 --> 00:37:14,159
think he was and then you know he'd

898
00:37:12,389 --> 00:37:15,929

Twitter from in front of the park hyatt

899

00:37:14,159 --> 00:37:18,750

which is right down on the key and we

900

00:37:15,929 --> 00:37:20,789

run down there anyway so he was passing

901

00:37:18,750 --> 00:37:23,639

through Sydney a couple of weeks ago on

902

00:37:20,789 --> 00:37:25,529

his way to New Zealand and he tweeted

903

00:37:23,639 --> 00:37:28,079

that he remembered last time he was in

904

00:37:25,530 --> 00:37:30,900

Sydney he messed up meeting up with us

905

00:37:28,079 --> 00:37:32,699

he was very sorry about that and he said

906

00:37:30,900 --> 00:37:35,789

he put our website on your ear and said

907

00:37:32,699 --> 00:37:38,969

people should go and have a look and the

908

00:37:35,789 --> 00:37:40,528

hopes of it crashed we heard about a

909

00:37:38,969 --> 00:37:43,919

month and a half worth of traffic in

910

00:37:40,528 --> 00:37:45,119

about an hour and I tweeted back to him

911

00:37:43,920 --> 00:37:46,980

from the Austrians get dis account

912

00:37:45,119 --> 00:37:48,599

saying that's very sweet of you thanks

913
00:37:46,980 --> 00:37:50,940
for crashing our website he said

914
00:37:48,599 --> 00:37:53,849
something like oh something like sorry

915
00:37:50,940 --> 00:37:55,230
old chap yeah that there are lots of

916
00:37:53,849 --> 00:37:58,410
people that would be pleased that that

917
00:37:55,230 --> 00:38:01,139
is but the funny thing was we got a few

918
00:37:58,409 --> 00:38:03,719
cakes after that because I was following

919
00:38:01,139 --> 00:38:04,949
the twitter stream yeah and a lot a few

920
00:38:03,719 --> 00:38:06,689
people had been to the page on our

921
00:38:04,949 --> 00:38:09,419
website that says what are we skeptical

922
00:38:06,690 --> 00:38:11,159
on yes and I had this guy go not to me

923
00:38:09,420 --> 00:38:14,099
and saying why are you skeptical of

924
00:38:11,159 --> 00:38:15,629
science and lightly schedule but we're

925
00:38:14,099 --> 00:38:17,400
in the list we actually have Sciences

926
00:38:15,630 --> 00:38:19,170
dogmas things were skeptical of so

927
00:38:17,400 --> 00:38:21,510
that's there I should revisit that list

928
00:38:19,170 --> 00:38:22,680
at you only we should actually anyway um

929
00:38:21,510 --> 00:38:24,028
and then he was saying white you're

930
00:38:22,679 --> 00:38:26,308
skeptical of atheism because it's a

931
00:38:24,028 --> 00:38:28,798
religion as well and people like that

932
00:38:26,309 --> 00:38:31,230
eventually disappear I think we should

933
00:38:28,798 --> 00:38:33,599
put people who make comments like that

934
00:38:31,230 --> 00:38:35,608
in touch with Brian Dunning yes keep

935
00:38:33,599 --> 00:38:38,400
your SpaghettiOs with a ball to Brian

936
00:38:35,608 --> 00:38:41,068
deadly Cobra say my last comment on this

937
00:38:38,400 --> 00:38:43,170
on this publication is you know they

938
00:38:41,068 --> 00:38:45,659
really waste a lot of paper because I

939
00:38:43,170 --> 00:38:47,608
mean a lot of their their articles start

940
00:38:45,659 --> 00:38:54,269
with questions those ovarian cancer

941

00:38:47,608 --> 00:38:57,420
screening save lives yes does my feeling

942
00:38:54,269 --> 00:39:00,210
really work no that's in your toothpaste

943
00:38:57,420 --> 00:39:07,829
nothing to worry about what's more

944
00:39:00,210 --> 00:39:09,599
dangerous measles or the vaccine so Joe

945
00:39:07,829 --> 00:39:11,730
for allison is safe once again its

946
00:39:09,599 --> 00:39:13,318
natural medicine there chillin journal

947
00:39:11,730 --> 00:39:16,318
if nana tore my medicine a big glossy

948
00:39:13,318 --> 00:39:19,798
white magazine with a colorful cover

949
00:39:16,318 --> 00:39:21,690
yeah because ten-year zealand dollars do

950
00:39:19,798 --> 00:39:23,489
we want to have people spend that much

951
00:39:21,690 --> 00:39:25,170
money it's not just go to the newsagent

952
00:39:23,489 --> 00:39:27,598
and look at it longer go to the news i

953
00:39:25,170 --> 00:39:29,338
don't hide it yes yes i did hide it

954
00:39:27,599 --> 00:39:32,359
behind nexus managing hide it behind

955
00:39:29,338 --> 00:39:32,358

skeptical inquirer

956

00:39:32,860 --> 00:39:37,760

New Zealand as I'm sorry that your

957

00:39:35,210 --> 00:39:42,110

products been exported here dr. Reggie

958

00:39:37,760 --> 00:39:45,380

what do you have for us oh there was an

959

00:39:42,110 --> 00:39:47,450

audit done of TGA and the results were

960

00:39:45,380 --> 00:39:49,720

released last week in Australia but EJ's

961

00:39:47,449 --> 00:39:51,949

a like the FDA and hit in this country

962

00:39:49,719 --> 00:39:54,889

therapeutics goods the Therapeutic Goods

963

00:39:51,949 --> 00:39:59,299

Administration it was done by the

964

00:39:54,889 --> 00:40:02,480

Auditor General and it was damning it's

965

00:39:59,300 --> 00:40:06,470

a 193 page report basically saying that

966

00:40:02,480 --> 00:40:07,909

the TGA is useless Thomas wasn't that as

967

00:40:06,469 --> 00:40:11,569

well that's been banded around that word

968

00:40:07,909 --> 00:40:14,659

to treat less and less because basically

969

00:40:11,570 --> 00:40:18,410

that the audit is self focused on the

970
00:40:14,659 --> 00:40:20,359
system that is in place to register a

971
00:40:18,409 --> 00:40:22,819
drug if you want to sell a complementary

972
00:40:20,360 --> 00:40:25,099
drug in Australia now there's two there

973
00:40:22,820 --> 00:40:26,780
are two streams of the way that drugs

974
00:40:25,099 --> 00:40:29,089
are registered in this country there's

975
00:40:26,780 --> 00:40:30,440
the pharmaceuticals which obviously go

976
00:40:29,090 --> 00:40:32,990
through clinical trials and then they

977
00:40:30,440 --> 00:40:34,909
get an official-looking number that has

978
00:40:32,989 --> 00:40:36,979
an hour meaning it's a registered drug

979
00:40:34,909 --> 00:40:40,609
and then there's complementary medicines

980
00:40:36,980 --> 00:40:43,460
which you basically go online you fill

981
00:40:40,610 --> 00:40:45,890
in a form you pay 895 dollars i think it

982
00:40:43,460 --> 00:40:48,470
is and then you get a form back saying

983
00:40:45,889 --> 00:40:50,960
okay here's your I number go for your

984
00:40:48,469 --> 00:40:52,639
life Oh star and I lost I and Austin

985
00:40:50,960 --> 00:40:54,920
probably worth mentioning with regards

986
00:40:52,639 --> 00:40:56,629
to the listing process that you have to

987
00:40:54,920 --> 00:40:58,250
actually say what the claims are for the

988
00:40:56,630 --> 00:40:59,960
products and you have to choose

989
00:40:58,250 --> 00:41:02,869
ingredients from a list of pre-approved

990
00:40:59,960 --> 00:41:04,820
ingredients now nobody checks though

991
00:41:02,869 --> 00:41:06,109
nobody takes your claims you nobody

992
00:41:04,820 --> 00:41:07,430
nobody took a few claims and nobody

993
00:41:06,110 --> 00:41:09,140
checks that the ingredients that your

994
00:41:07,429 --> 00:41:10,549
state's our new products are actually

995
00:41:09,139 --> 00:41:12,739
there and that you don't have other

996
00:41:10,550 --> 00:41:17,269
products that's right so basically it's

997
00:41:12,739 --> 00:41:19,159
a free-for-all and so what you when you

998

00:41:17,269 --> 00:41:21,889
fill out that form online you have to

999
00:41:19,159 --> 00:41:24,199
say that you possessed evidence for the

1000
00:41:21,889 --> 00:41:26,299
effectiveness of this drug right yes but

1001
00:41:24,199 --> 00:41:27,769
don't have to provide exactly so they

1002
00:41:26,300 --> 00:41:29,780
don't ask you to show it and they just

1003
00:41:27,769 --> 00:41:32,960
say do you have it on your person and

1004
00:41:29,780 --> 00:41:34,970
you say yes I do but further to that

1005
00:41:32,960 --> 00:41:37,789
also the type of evidence that they

1006
00:41:34,969 --> 00:41:41,389
accept as evidence is also dodgy because

1007
00:41:37,789 --> 00:41:43,039
you in fact if you say these ear candles

1008
00:41:41,389 --> 00:41:46,298
have been used by the hoppy Indian tribe

1009
00:41:43,039 --> 00:41:48,739
for thousands of years that constitutes

1010
00:41:46,298 --> 00:41:50,000
and indeed in that situation even if

1011
00:41:48,739 --> 00:41:51,618
it's not food well this is correct

1012
00:41:50,000 --> 00:41:54,469

because that isn't true the Hopi people

1013

00:41:51,619 --> 00:41:58,150

do not use hotmail again yeah so the way

1014

00:41:54,469 --> 00:42:00,889

that the TGA checks if any of these

1015

00:41:58,150 --> 00:42:02,568

listed drugs are actually breaching

1016

00:42:00,889 --> 00:42:04,338

regulations is every five years they do

1017

00:42:02,568 --> 00:42:06,259

an audit of about twenty percent of the

1018

00:42:04,338 --> 00:42:08,869

drugs on the list and there are about

1019

00:42:06,260 --> 00:42:11,059

10,000 and in the last five years have

1020

00:42:08,869 --> 00:42:12,710

done two of those audits and in both

1021

00:42:11,059 --> 00:42:14,869

cases about ninety percent of those

1022

00:42:12,710 --> 00:42:17,869

drugs came up as making either false

1023

00:42:14,869 --> 00:42:20,480

claims or somehow not fitting the

1024

00:42:17,869 --> 00:42:23,269

regulations what a shock yeah ninety

1025

00:42:20,480 --> 00:42:26,838

percent I said not nineteen ninety 90

1026

00:42:23,268 --> 00:42:29,659

with a bigger shot so the audit picked

1027
00:42:26,838 --> 00:42:33,639
up on this and basically said to the TGA

1028
00:42:29,659 --> 00:42:37,338
one this has to be fixed because in fact

1029
00:42:33,639 --> 00:42:38,989
it seems that sponsors or companies are

1030
00:42:37,338 --> 00:42:41,058
really taking the piss because they can

1031
00:42:38,989 --> 00:42:43,879
basically the other thing to note is

1032
00:42:41,059 --> 00:42:46,400
that the the checking system really just

1033
00:42:43,880 --> 00:42:48,108
relies on consumers because the TGA

1034
00:42:46,400 --> 00:42:50,420
doesn't go and check them except through

1035
00:42:48,108 --> 00:42:52,369
this random order and then only twenty

1036
00:42:50,420 --> 00:42:53,960
percent will get checked so if you as a

1037
00:42:52,369 --> 00:42:57,369
consumer pick up something you can then

1038
00:42:53,960 --> 00:42:59,449
complain to the TGA and then they will

1039
00:42:57,369 --> 00:43:01,548
go through and look at the claims being

1040
00:42:59,449 --> 00:43:02,659
made by the people and then if if the

1041
00:43:01,548 --> 00:43:06,259
person can't produce the evidence

1042
00:43:02,659 --> 00:43:08,149
they'll take their drug off the list the

1043
00:43:06,259 --> 00:43:09,710
other thing they can do but that relies

1044
00:43:08,150 --> 00:43:12,440
on people actually writing a complaint

1045
00:43:09,710 --> 00:43:16,009
in the other thing that they can do is

1046
00:43:12,440 --> 00:43:17,659
they can issue disclaimers so if for

1047
00:43:16,009 --> 00:43:20,509
example we've talked about homeopathy

1048
00:43:17,659 --> 00:43:22,489
plus before yeah where you know they

1049
00:43:20,509 --> 00:43:24,440
they were saying things like homeopathy

1050
00:43:22,489 --> 00:43:26,659
can help with radiation at computer s

1051
00:43:24,440 --> 00:43:28,789
cancer yes so they're still going on

1052
00:43:26,659 --> 00:43:31,308
religion yeah meningococcal it can be

1053
00:43:28,789 --> 00:43:33,259
used for a miniature couple so people

1054
00:43:31,309 --> 00:43:35,390
complained about that to the TGA they

1055

00:43:33,259 --> 00:43:38,449
determined that that reached advertising

1056
00:43:35,389 --> 00:43:40,038
standards and so they sent her a thing

1057
00:43:38,449 --> 00:43:44,028
saying you must put a retraction on your

1058
00:43:40,039 --> 00:43:46,640
website right now this is the thing that

1059
00:43:44,028 --> 00:43:49,278
is so frustrating about this there's no

1060
00:43:46,639 --> 00:43:51,828
enforcement of that so basically if

1061
00:43:49,278 --> 00:43:55,260
you're told to stop saying something if

1062
00:43:51,829 --> 00:43:58,620
you simply say get stuffed or not

1063
00:43:55,260 --> 00:44:00,450
the TGA can prosecute individuals for up

1064
00:43:58,619 --> 00:44:03,480
to six thousand six hundred dollars only

1065
00:44:00,449 --> 00:44:06,689
and companies to thirty thousand dollars

1066
00:44:03,480 --> 00:44:09,030
but it cost them more money to prosecute

1067
00:44:06,690 --> 00:44:10,829
than the fine is worth so they've never

1068
00:44:09,030 --> 00:44:13,890
in the history of the TGA ever

1069
00:44:10,829 --> 00:44:15,420

prosecuted anybody in back in April the

1070

00:44:13,889 --> 00:44:19,859

TGA was asking for public submissions

1071

00:44:15,420 --> 00:44:21,420

into a transparency review so they are

1072

00:44:19,860 --> 00:44:23,070

trying to find ways to increase the

1073

00:44:21,420 --> 00:44:26,550

transparency of their procedures for the

1074

00:44:23,070 --> 00:44:29,370

public and for health professionals and

1075

00:44:26,550 --> 00:44:31,920

I've submitted a submission for that in

1076

00:44:29,369 --> 00:44:33,569

fact 92 people did and one of the things

1077

00:44:31,920 --> 00:44:37,559

was well you can't find anything on

1078

00:44:33,570 --> 00:44:40,670

their website yeah their list of

1079

00:44:37,559 --> 00:44:44,009

Australian drugs is very hard to search

1080

00:44:40,670 --> 00:44:46,409

it's very hard to find anything and once

1081

00:44:44,010 --> 00:44:47,970

things sort of fall off the cia's leaves

1082

00:44:46,409 --> 00:44:49,799

to take or actually once they make

1083

00:44:47,969 --> 00:44:52,759

decisions about products it takes six

1084
00:44:49,800 --> 00:44:56,190
months for it to appear on the website

1085
00:44:52,760 --> 00:44:58,200
so consumers don't even know half the

1086
00:44:56,190 --> 00:44:59,670
times you know well that's the thing

1087
00:44:58,199 --> 00:45:02,219
like if you were to Google homie of new

1088
00:44:59,670 --> 00:45:04,970
bus you prob the only way you'd know

1089
00:45:02,219 --> 00:45:07,439
that they had two particular retractions

1090
00:45:04,969 --> 00:45:09,629
given to them is because people like us

1091
00:45:07,440 --> 00:45:13,500
blog about it yeah they're the only way

1092
00:45:09,630 --> 00:45:16,110
you know and so this order is absolutely

1093
00:45:13,500 --> 00:45:17,820
damning of the TGA and even there is a

1094
00:45:16,110 --> 00:45:19,740
part in it where the teacher basically

1095
00:45:17,820 --> 00:45:20,700
admits that they're useless there are

1096
00:45:19,739 --> 00:45:24,479
actually going to be some changes

1097
00:45:20,699 --> 00:45:26,849
happening soon Katherine Kington 2mp is

1098
00:45:24,480 --> 00:45:28,679
behind the transparency review they are

1099
00:45:26,849 --> 00:45:30,559
taking on board what the public

1100
00:45:28,679 --> 00:45:33,210
suggested with the transparency review

1101
00:45:30,559 --> 00:45:37,099
and they are going to be initiating some

1102
00:45:33,210 --> 00:45:38,970
changes which the auditors have actually

1103
00:45:37,099 --> 00:45:39,960
recommended five things that they do

1104
00:45:38,969 --> 00:45:41,759
when they've agreed that they're going

1105
00:45:39,960 --> 00:45:43,230
to do them so changes are happening but

1106
00:45:41,760 --> 00:45:45,840
in the meantime it's a laughing stock

1107
00:45:43,230 --> 00:45:48,780
yes and the response seems to have been

1108
00:45:45,840 --> 00:45:52,440
along the lines of I think one of the

1109
00:45:48,780 --> 00:45:54,780
the way that the industry had criticized

1110
00:45:52,440 --> 00:45:56,940
it was by saying they've sort of tried

1111
00:45:54,780 --> 00:45:58,950
to weasel out of it by saying well it

1112

00:45:56,940 --> 00:46:02,099
was only ninety percent of the reviewed

1113
00:45:58,949 --> 00:46:05,469
products as if somehow

1114
00:46:02,099 --> 00:46:08,019
they only reviewed a few products but if

1115
00:46:05,469 --> 00:46:10,269
there's say 10,000 products on there

1116
00:46:08,019 --> 00:46:12,280
they review 10,000 and ninety percent

1117
00:46:10,269 --> 00:46:15,099
well that's a representative sample of

1118
00:46:12,280 --> 00:46:16,630
what's going on out there and they're

1119
00:46:15,099 --> 00:46:18,400
basically trying to weasel out of it by

1120
00:46:16,630 --> 00:46:20,230
saying that this is just a school yeah

1121
00:46:18,400 --> 00:46:21,849
and then make it all better but some of

1122
00:46:20,230 --> 00:46:23,139
them just had like the wrong size font I

1123
00:46:21,849 --> 00:46:26,230
mean that's the same as Meryl sang are

1124
00:46:23,139 --> 00:46:29,920
with the wrong size cash it's

1125
00:46:26,230 --> 00:46:32,889
and the person who said that is

1126
00:46:29,920 --> 00:46:35,980

dr. Owen Hamilton can I can i plug yeah

1127

00:46:32,889 --> 00:46:37,449

on the 19th or no vember yeah he said

1128

00:46:35,980 --> 00:46:39,550

that on the radio on radio national he

1129

00:46:37,449 --> 00:46:43,480

says but then he said that the majority

1130

00:46:39,550 --> 00:46:46,780

of them were technical infringement but

1131

00:46:43,480 --> 00:46:49,539

that's not true yeah I no no it's just

1132

00:46:46,780 --> 00:46:52,150

not true so but anyway it's a look I you

1133

00:46:49,539 --> 00:46:55,059

can argue on the on the majority thing

1134

00:46:52,150 --> 00:46:57,490

but the Roman hammett's who's the head

1135

00:46:55,059 --> 00:47:00,250

of the TGA is going to be one of our

1136

00:46:57,489 --> 00:47:02,769

speakers on the convention National

1137

00:47:00,250 --> 00:47:05,590

Convention which is held them on the UH

1138

00:47:02,769 --> 00:47:07,150

november nineteenth November night 19th

1139

00:47:05,590 --> 00:47:09,460

at the Australia Museum scenes are

1140

00:47:07,150 --> 00:47:11,800

except your birthday reaching extremely

1141
00:47:09,460 --> 00:47:12,970
limited yes and you can can there will

1142
00:47:11,800 --> 00:47:15,340
be there will be other there will be

1143
00:47:12,969 --> 00:47:19,029
other wonderful guests there yeah and

1144
00:47:15,340 --> 00:47:20,620
just go to www skeptics conduits the

1145
00:47:19,030 --> 00:47:23,500
headline story at the moment and tickets

1146
00:47:20,619 --> 00:47:26,529
will go very very quickly it's not the

1147
00:47:23,500 --> 00:47:29,829
CD is not as big as last year for Tam of

1148
00:47:26,530 --> 00:47:33,070
course so it's limited to 120 seats so

1149
00:47:29,829 --> 00:47:35,889
get in quick yeah get in quick you know

1150
00:47:33,070 --> 00:47:38,410
I just want to finish off by saying that

1151
00:47:35,889 --> 00:47:41,409
some of the fallout from this has been

1152
00:47:38,409 --> 00:47:43,299
that there's now recommendation that

1153
00:47:41,409 --> 00:47:45,250
complementary medicines in this company

1154
00:47:43,300 --> 00:47:47,080
in this country get labeled with I

1155
00:47:45,250 --> 00:47:50,320
disclaimer that says this has not been

1156
00:47:47,079 --> 00:47:53,409
tested basically yes now you can imagine

1157
00:47:50,320 --> 00:47:55,210
the response from the industry but I

1158
00:47:53,409 --> 00:47:58,059
think this would be a really good

1159
00:47:55,210 --> 00:48:00,670
initiative because the thing is that the

1160
00:47:58,059 --> 00:48:02,559
TGA website and the TGA processing is so

1161
00:48:00,670 --> 00:48:05,680
convoluted and complicated and not

1162
00:48:02,559 --> 00:48:07,570
transparent so just I mean I complain

1163
00:48:05,679 --> 00:48:09,879
about this all the time but yeah you

1164
00:48:07,570 --> 00:48:11,200
know consumers don't know that if

1165
00:48:09,880 --> 00:48:12,769
there's an official-looking number on a

1166
00:48:11,199 --> 00:48:13,939
product and an L

1167
00:48:12,769 --> 00:48:15,170
I don't know that that means someone

1168
00:48:13,940 --> 00:48:19,519
went on the wii interwebs and when a

1169

00:48:15,170 --> 00:48:22,280
girl I wish we need we need to go back

1170
00:48:19,519 --> 00:48:24,349
to video pod but that was my comment you

1171
00:48:22,280 --> 00:48:26,960
should have seen that Elizabeth she had

1172
00:48:24,349 --> 00:48:28,940
a herp derp face she was typing on her

1173
00:48:26,960 --> 00:48:34,400
iPad and there's no keyboard there at

1174
00:48:28,940 --> 00:48:37,970
the moment joy to watch rachel Oh No

1175
00:48:34,400 --> 00:48:40,099
thank you rachel you say i have to say

1176
00:48:37,969 --> 00:48:42,739
that Rachel I one of my one of my

1177
00:48:40,099 --> 00:48:45,769
worries though is is that whatever the

1178
00:48:42,739 --> 00:48:49,869
whatever the untested is it's going to

1179
00:48:45,769 --> 00:48:49,869
end up being in comic sans two points

1180
00:48:54,309 --> 00:49:02,570
now you too you too can herp derp with I

1181
00:48:58,849 --> 00:49:05,599
hope I think dr. H II maybe Joe maybe

1182
00:49:02,570 --> 00:49:07,430
Iran and definitely may not friends in

1183
00:49:05,599 --> 00:49:10,880

Melbourne may not is heading your way

1184

00:49:07,429 --> 00:49:13,699

for skeptic amp yay yes we're flying

1185

00:49:10,880 --> 00:49:15,680

Manor down to be our man on the spot

1186

00:49:13,699 --> 00:49:17,509

running around doing interviews I think

1187

00:49:15,679 --> 00:49:20,149

I'll be out of the country sadly at that

1188

00:49:17,510 --> 00:49:23,750

time but rachy what can you tell us

1189

00:49:20,150 --> 00:49:26,059

about skeptic camp in Melbourne well

1190

00:49:23,750 --> 00:49:29,150

skeptic amp is a non conference or an

1191

00:49:26,059 --> 00:49:31,130

unconference which means participants

1192

00:49:29,150 --> 00:49:32,990

just turn up you sign up on the day if

1193

00:49:31,130 --> 00:49:36,769

you want to do a torch for sort of 15 10

1194

00:49:32,989 --> 00:49:40,639

minutes and then you just talk so it's

1195

00:49:36,769 --> 00:49:42,349

not structured like most sort of formal

1196

00:49:40,639 --> 00:49:45,349

event yeah yeah which means it's also

1197

00:49:42,349 --> 00:49:47,000

free yeah so it is havin fun oh yeah

1198
00:49:45,349 --> 00:49:49,779
alright i'm the first one in Australia

1199
00:49:47,000 --> 00:49:52,070
was in Sydney earlier this year was

1200
00:49:49,780 --> 00:49:54,440
fantastic yeah and tickets did sell out

1201
00:49:52,070 --> 00:49:57,019
well before your day well hang on not

1202
00:49:54,440 --> 00:49:59,150
sell out tickets are free well yeah that

1203
00:49:57,019 --> 00:50:01,940
brochure is right out be ready just let

1204
00:49:59,150 --> 00:50:05,090
people know yeah the ice is going to be

1205
00:50:01,940 --> 00:50:06,679
I think the 20 the 20 seconds Wednesday

1206
00:50:05,090 --> 00:50:08,690
are you second of October where's it

1207
00:50:06,679 --> 00:50:10,969
being held you me Oh melbourne

1208
00:50:08,690 --> 00:50:13,039
university so I so yeah so she kept

1209
00:50:10,969 --> 00:50:15,079
account Melbourne is the website so if

1210
00:50:13,039 --> 00:50:18,380
you're just good yes a little skeptic at

1211
00:50:15,079 --> 00:50:21,170
Melbourne anyway find out more to get in

1212
00:50:18,380 --> 00:50:24,280
quick because it is a terrific day you

1213
00:50:21,170 --> 00:50:27,039
can probably meet half the skeptic zone

1214
00:50:24,280 --> 00:50:28,540
and have a chat to me none may not be

1215
00:50:27,039 --> 00:50:31,509
forward to it well it's going to be

1216
00:50:28,539 --> 00:50:34,210
great i'm going to go so yeah we found

1217
00:50:31,510 --> 00:50:36,760
and Lucas Randall and Chris Higgins are

1218
00:50:34,210 --> 00:50:39,490
organizing it and yeah to top blokes

1219
00:50:36,760 --> 00:50:41,200
they should top white do a good job the

1220
00:50:39,489 --> 00:50:43,239
good job now the reason I won't be able

1221
00:50:41,199 --> 00:50:45,759
to go I think I won't be able to go I'll

1222
00:50:43,239 --> 00:50:47,619
be on my way to psych on or the the big

1223
00:50:45,760 --> 00:50:51,760
convention for the committee for

1224
00:50:47,619 --> 00:50:55,869
skeptical inquiry in New Orleans this

1225
00:50:51,760 --> 00:50:57,340
year I'll be involved in some respect on

1226

00:50:55,869 --> 00:51:00,039
a panel or giving a little talk I think

1227
00:50:57,340 --> 00:51:01,720
I'm not exactly sure what the lineup how

1228
00:51:00,039 --> 00:51:04,659
that works at the moment looking forward

1229
00:51:01,719 --> 00:51:07,000
to it haven't been to New Orleans as

1230
00:51:04,659 --> 00:51:09,549
some of you may know I'm a fellow of the

1231
00:51:07,000 --> 00:51:10,570
institution so I'm delighted to be going

1232
00:51:09,550 --> 00:51:13,990
there and helping out with their

1233
00:51:10,570 --> 00:51:16,870
convention google it folks and if you're

1234
00:51:13,989 --> 00:51:20,139
coming along I hope to meet you and say

1235
00:51:16,869 --> 00:51:21,219
hello now Ron you haven't got anything

1236
00:51:20,139 --> 00:51:23,739
highlighter but you've got other things

1237
00:51:21,219 --> 00:51:26,349
underlined underlined yes shows a

1238
00:51:23,739 --> 00:51:28,000
pattern in pennies that highlighter yeah

1239
00:51:26,349 --> 00:51:30,969
there was this article also i couldn't

1240
00:51:28,000 --> 00:51:33,309

reach joe yeah you know costco opened

1241
00:51:30,969 --> 00:51:35,230
yesterday i went here the other time you

1242
00:51:33,309 --> 00:51:40,719
should see the bulk highlight as you go

1243
00:51:35,230 --> 00:51:44,740
i am not kidding huge packets all colors

1244
00:51:40,719 --> 00:51:50,409
Charlie's highlighters and I'm an era

1245
00:51:44,739 --> 00:51:52,899
Iran okay thank you can I borrow your

1246
00:51:50,409 --> 00:51:55,980
highlighter now um so there was this

1247
00:51:52,900 --> 00:51:58,930
article in Sydney Morning Herald about

1248
00:51:55,980 --> 00:52:01,150
radiation electromagnetic radiation oh

1249
00:51:58,929 --> 00:52:02,829
yes in this city I'll just how quickly

1250
00:52:01,150 --> 00:52:04,900
the otherwise the first couple of five

1251
00:52:02,829 --> 00:52:06,819
of its short bottom plate has Martin

1252
00:52:04,900 --> 00:52:09,579
place has plenty George Street pulses

1253
00:52:06,820 --> 00:52:11,410
from moderate to high the q vb is

1254
00:52:09,579 --> 00:52:13,029
surprisingly low but parts of market

1255
00:52:11,409 --> 00:52:15,670
street are swimming in it it's

1256
00:52:13,030 --> 00:52:18,490
radiofrequency radiation and according

1257
00:52:15,670 --> 00:52:21,130
to consumer advocate lynn mclean we are

1258
00:52:18,489 --> 00:52:23,409
essentially living in a sea of it okay

1259
00:52:21,130 --> 00:52:24,760
notice that a consumer advocate Lynn

1260
00:52:23,409 --> 00:52:27,429
McLean will talk about her in a second

1261
00:52:24,760 --> 00:52:29,200
yeah McLean who advises federal and

1262
00:52:27,429 --> 00:52:30,649
local government on electro pollution

1263
00:52:29,199 --> 00:52:33,679
and runs her

1264
00:52:30,650 --> 00:52:37,250
own company EMR Australia which shows

1265
00:52:33,679 --> 00:52:38,839
products the name recently recently took

1266
00:52:37,250 --> 00:52:40,309
Fairfax on a tour of the city center

1267
00:52:38,840 --> 00:52:41,870
together with a radio frequency detector

1268
00:52:40,309 --> 00:52:47,269
that measures levels of radiofrequency

1269
00:52:41,869 --> 00:52:49,849
radiation ok so the background this I no

1270
00:52:47,269 --> 00:52:51,170
pun intended though the idea is that the

1271
00:52:49,849 --> 00:52:54,079
world health organization recently

1272
00:52:51,170 --> 00:52:56,840
listed mobile phones as a category to be

1273
00:52:54,079 --> 00:52:59,210
carcinogen now similar to the oops as

1274
00:52:56,840 --> 00:53:02,539
they say he is similar to the pesticide

1275
00:52:59,210 --> 00:53:04,400
DDT and engine exhaust now by what some

1276
00:53:02,539 --> 00:53:06,710
might consider sheer coincidence but

1277
00:53:04,400 --> 00:53:08,780
he's really collaboration in the

1278
00:53:06,710 --> 00:53:10,970
background between sceptile in

1279
00:53:08,780 --> 00:53:12,950
industries and Australian skeptics

1280
00:53:10,969 --> 00:53:14,839
uh-huh Brian darling happened to do an

1281
00:53:12,949 --> 00:53:16,849
episode of sceptile exactly about that

1282
00:53:14,840 --> 00:53:22,460
topic last week his name come up again

1283

00:53:16,849 --> 00:53:24,319
yes so he explained why this 2 b's not

1284
00:53:22,460 --> 00:53:26,179
really anything to particularly worried

1285
00:53:24,320 --> 00:53:28,280
about i mean they mentioned pesticide

1286
00:53:26,179 --> 00:53:30,169
DDT and engine exhaust here but also

1287
00:53:28,280 --> 00:53:32,840
there are other things that are listed

1288
00:53:30,170 --> 00:53:35,329
under in the other category to be like

1289
00:53:32,840 --> 00:53:40,190
coffee and like working in the woodwork

1290
00:53:35,329 --> 00:53:42,199
industry so leaving yeah now the thing

1291
00:53:40,190 --> 00:53:46,250
is the article doesn't actually say that

1292
00:53:42,199 --> 00:53:48,679
but it kind of imparts that feeling that

1293
00:53:46,250 --> 00:53:50,960
it's dangerous and how does he do that

1294
00:53:48,679 --> 00:53:54,829
well it explains for example he talks

1295
00:53:50,960 --> 00:53:57,320
about that the device near town hall the

1296
00:53:54,829 --> 00:53:59,719
device measures a thousand microwatts

1297
00:53:57,320 --> 00:54:01,550

per square meter now so after pointing

1298

00:53:59,719 --> 00:54:03,349
out correctly that the safe level

1299

00:54:01,550 --> 00:54:05,180
according to the industry standards in

1300

00:54:03,349 --> 00:54:07,489
in australia is 10 million microwatts

1301

00:54:05,179 --> 00:54:09,469
per square meter the article goes on to

1302

00:54:07,489 --> 00:54:11,299
describe the levels at different places

1303

00:54:09,469 --> 00:54:13,279
and he mentions big numbers like 25

1304

00:54:11,300 --> 00:54:14,780
thousand and five thousand and ten

1305

00:54:13,280 --> 00:54:16,490
thousand in different places but of

1306

00:54:14,780 --> 00:54:18,440
course these are my new to compared to

1307

00:54:16,489 --> 00:54:20,029
the safe level so it's really it's

1308

00:54:18,440 --> 00:54:25,179
really nothing there's really nothing in

1309

00:54:20,030 --> 00:54:27,680
it but obviously miss MacLaine seized

1310

00:54:25,179 --> 00:54:30,139
the highest levels miss MacLaine seas

1311

00:54:27,679 --> 00:54:32,750
are in people's homes cholet cordless

1312
00:54:30,139 --> 00:54:34,309
phones can be the worst now even just

1313
00:54:32,750 --> 00:54:36,170
the wood why is the worst you could say

1314
00:54:34,309 --> 00:54:38,298
highest or whatever by worst piece

1315
00:54:36,170 --> 00:54:42,349
implies that there's some problem there

1316
00:54:38,298 --> 00:54:44,750
now oh and if you have it if you have a

1317
00:54:42,349 --> 00:54:47,000
mobile call us fund by your bed you're

1318
00:54:44,750 --> 00:54:52,068
basically being irradiated the entire

1319
00:54:47,000 --> 00:54:54,409
night saying goes for baby monitors like

1320
00:54:52,068 --> 00:54:57,199
being a microwave so I wrote to

1321
00:54:54,409 --> 00:54:59,269
journalists Tim Elliott's and pointed

1322
00:54:57,199 --> 00:55:03,409
out that there's some inaccuracies there

1323
00:54:59,269 --> 00:55:06,079
and that it's basically just spreading

1324
00:55:03,409 --> 00:55:08,539
fear for no good reason at all then he

1325
00:55:06,079 --> 00:55:11,240
wrote back to me explaining that he

1326
00:55:08,539 --> 00:55:13,279
actually did some research she actually

1327
00:55:11,239 --> 00:55:14,568
did meticulous research and spoke to the

1328
00:55:13,280 --> 00:55:18,339
right organizations he mentioned the

1329
00:55:14,568 --> 00:55:21,380
organization he spoke to unfortunately

1330
00:55:18,338 --> 00:55:23,239
that section of what he wrote didn't

1331
00:55:21,380 --> 00:55:24,880
make it into the paper so so the

1332
00:55:23,239 --> 00:55:27,078
journalist didn't do the right thing

1333
00:55:24,880 --> 00:55:28,400
went to the right organizations to find

1334
00:55:27,079 --> 00:55:30,349
out what the science is behind all of

1335
00:55:28,400 --> 00:55:32,568
this and actually quoted them in his

1336
00:55:30,349 --> 00:55:35,240
original article but he was edited to

1337
00:55:32,568 --> 00:55:36,889
include the scary part and not include

1338
00:55:35,239 --> 00:55:38,959
the explanation about it so that's very

1339
00:55:36,889 --> 00:55:41,150
disappointing and he actually said that

1340

00:55:38,960 --> 00:55:43,220
he was quite outraged I wrote him I

1341
00:55:41,150 --> 00:55:46,130
wasn't I was polite but i always think

1342
00:55:43,219 --> 00:55:47,598
it was critical of the article but he

1343
00:55:46,130 --> 00:55:49,880
said that he was outraged it was left

1344
00:55:47,599 --> 00:55:52,670
Sean so much a media white story should

1345
00:55:49,880 --> 00:55:54,950
this direction by I mean that's just

1346
00:55:52,670 --> 00:55:56,930
basically an advertorial is no yes well

1347
00:55:54,949 --> 00:55:58,730
Tim news and editorial considering the

1348
00:55:56,929 --> 00:56:02,449
fact that Lynne mcclain runs the company

1349
00:55:58,730 --> 00:56:03,858
that sells he shielding paints and God

1350
00:56:02,449 --> 00:56:05,899
knows what else you can shield yourself

1351
00:56:03,858 --> 00:56:07,489
from electric I'd like to see how

1352
00:56:05,900 --> 00:56:09,710
they're tested because in all the

1353
00:56:07,489 --> 00:56:11,598
mind-body wallets I go to their tested

1354
00:56:09,710 --> 00:56:13,699

with like things like a fire kinesiology

1355

00:56:11,599 --> 00:56:24,019

and dowsing rods by the German Federal

1356

00:56:13,699 --> 00:56:26,509

Armed Forces Richard oh yes okay so to

1357

00:56:24,019 --> 00:56:28,639

wrap up you have a survival or something

1358

00:56:26,510 --> 00:56:30,770

light light light into sale

1359

00:56:28,639 --> 00:56:33,109

entertainment yeah for a real

1360

00:56:30,769 --> 00:56:35,179

heavy do over a DA so I went to the

1361

00:56:33,110 --> 00:56:40,210

doctor today and finished listening to

1362

00:56:35,179 --> 00:56:43,009

one or my podcast so I read a new idea

1363

00:56:40,210 --> 00:56:44,329

general it's a journal it's a it's a

1364

00:56:43,010 --> 00:56:50,000

scientific journal published in

1365

00:56:44,329 --> 00:56:53,179

Australia and we're we're on page 87

1366

00:56:50,000 --> 00:56:57,079

they have a column called destiny famous

1367

00:56:53,179 --> 00:56:58,539

psychic medium John Edward and I'll read

1368

00:56:57,079 --> 00:57:01,549

some of this it's just very funny

1369
00:56:58,539 --> 00:57:05,779
Vanessa wanted to know exactly how her

1370
00:57:01,550 --> 00:57:07,100
father passed okay so John Vanessa do

1371
00:57:05,780 --> 00:57:09,800
you have a connection to someone who has

1372
00:57:07,099 --> 00:57:13,250
passed in an accident Vanessa I don't

1373
00:57:09,800 --> 00:57:19,310
think so George George John is there an

1374
00:57:13,250 --> 00:57:20,960
s name Oh Vanessa no one really John I'm

1375
00:57:19,309 --> 00:57:22,579
feeling your father now there is a

1376
00:57:20,960 --> 00:57:25,789
cancer connection with your father when

1377
00:57:22,579 --> 00:57:27,619
I say yes John October is connected to a

1378
00:57:25,789 --> 00:57:30,289
birthday or anniversary there is a

1379
00:57:27,619 --> 00:57:32,539
family of three hello like in the mid

1380
00:57:30,289 --> 00:57:34,789
like I rolla read that sentence again by

1381
00:57:32,539 --> 00:57:36,710
John Edward October is connected to a

1382
00:57:34,789 --> 00:57:39,829
birthday or anniversary there is a

1383
00:57:36,710 --> 00:57:45,260
family of three Vanessa I have three

1384
00:57:39,829 --> 00:57:50,989
brothers so they're a family of four or

1385
00:57:45,260 --> 00:57:54,170
not or sugar throwing an eight boxes

1386
00:57:50,989 --> 00:57:55,939
this is not a bus announcement this is a

1387
00:57:54,170 --> 00:57:57,950
competition they're running upstairs of

1388
00:57:55,940 --> 00:57:59,990
the giant spinning wheel this is

1389
00:57:57,949 --> 00:58:03,379
ridiculous is there a chicken on the

1390
00:57:59,989 --> 00:58:07,759
wind keeping wheel remember your frozen

1391
00:58:03,380 --> 00:58:12,110
chicken oh so either of the reason enter

1392
00:58:07,760 --> 00:58:15,470
County India Antonia PNG leadership 250

1393
00:58:12,110 --> 00:58:19,460
2 and four minutes Antonia and turn your

1394
00:58:15,469 --> 00:58:24,199
finger all right I'm 0 to run get you a

1395
00:58:19,460 --> 00:58:26,900
chicken sorry Your Honor I have three

1396
00:58:24,199 --> 00:58:30,289
brothers John either October he's a

1397

00:58:26,900 --> 00:58:32,329
birthday / or an anniversary Vanessa my

1398
00:58:30,289 --> 00:58:33,889
mom's birthday in October so now she's

1399
00:58:32,329 --> 00:58:34,880
introducing another person who she was

1400
00:58:33,889 --> 00:58:38,989
talking about her father and her brother

1401
00:58:34,880 --> 00:58:41,240
so far and she's still here yes and I

1402
00:58:38,989 --> 00:58:44,329
would say why you asking you asking what

1403
00:58:41,239 --> 00:58:48,639
you're asking are you the psychic John

1404
00:58:44,329 --> 00:58:48,639
that's your dad's way of bringing up mom

1405
00:58:51,880 --> 00:58:57,710
okay he's actually convenience with ease

1406
00:58:55,150 --> 00:59:04,610
he's that her daddy's here she has kids

1407
00:58:57,710 --> 00:59:06,050
this woman 250 it's getting funny now

1408
00:59:04,610 --> 00:59:08,269
you might have to include I think I'd be

1409
00:59:06,050 --> 00:59:12,110
on keeping that in go on get you to

1410
00:59:08,269 --> 00:59:13,789
cocoon what's interesting you should be

1411
00:59:12,110 --> 00:59:15,380

should do that Iran because here's a

1412

00:59:13,789 --> 00:59:18,590

coincidence i was at the doctor myself

1413

00:59:15,380 --> 00:59:21,500

today yeah it is a museum scientific

1414

00:59:18,590 --> 00:59:23,240

idea routine blood tests but closer on

1415

00:59:21,500 --> 00:59:25,190

the butler so I'm sitting there in the

1416

00:59:23,239 --> 00:59:29,329

in the surgery and I'm flipping through

1417

00:59:25,190 --> 00:59:32,240

a woman's day this is what James day and

1418

00:59:29,329 --> 00:59:34,489

I and I see the peer review I I tweet I

1419

00:59:32,239 --> 00:59:36,169

tweeted this Terral uses of evidence I

1420

00:59:34,489 --> 00:59:37,549

took a picture of this out of the

1421

00:59:36,170 --> 00:59:40,159

magazine and I tweeted it it's their

1422

00:59:37,550 --> 00:59:42,830

psychic page and it says the reader

1423

00:59:40,159 --> 00:59:45,679

right in saying to the psychic I lost my

1424

00:59:42,829 --> 00:59:47,840

brother a few years ago how is he he's

1425

00:59:45,679 --> 00:59:50,539

actually I by now be fairly well

1426
00:59:47,840 --> 00:59:54,559
decomposed never the answer is he's dead

1427
00:59:50,539 --> 00:59:56,539
you know pain

1428
00:59:54,559 --> 00:59:58,789
it's not feeling he's at peace now do

1429
00:59:56,539 --> 01:00:07,880
you anyway I won't go on with this but

1430
00:59:58,789 --> 01:00:10,369
it gets very funny oh this is just

1431
01:00:07,880 --> 01:00:12,140
ridiculous anyway so i just want to

1432
01:00:10,369 --> 01:00:14,989
point out but they ever the funny this

1433
01:00:12,139 --> 01:00:17,750
goes on it can cheat she kind of she

1434
01:00:14,989 --> 01:00:20,569
says oh and okay sometimes but it's

1435
01:00:17,750 --> 01:00:23,510
largely i'll know but then the bottom he

1436
01:00:20,570 --> 01:00:28,700
says there's a big box that says how

1437
01:00:23,510 --> 01:00:34,310
john's readings work there's ditches

1438
01:00:28,699 --> 01:00:36,710
they don't i love ending up a think tank

1439
01:00:34,309 --> 01:00:38,329
by poking fun at John Edward what better

1440
01:00:36,710 --> 01:00:45,079
way to do it apart from poking fun at

1441
01:00:38,329 --> 01:00:47,449
brians amex I can read your trick there

1442
01:00:45,079 --> 01:00:49,369
having a read why they have their read

1443
01:00:47,449 --> 01:00:50,929
drawer upstairs I want to thank you all

1444
01:00:49,369 --> 01:00:53,480
for taking part in the think tank let's

1445
01:00:50,929 --> 01:00:54,469
do it again really quickly quickly I can

1446
01:00:53,480 --> 01:01:02,659
we can leave before they start talking

1447
01:00:54,469 --> 01:01:06,219
again cling cling and it's goodbye come

1448
01:01:02,659 --> 01:01:06,219
on a line down here for you

1449
01:01:09,199 --> 01:01:13,819
congratulations to Orlando for young the

1450
01:01:11,340 --> 01:01:13,820
be too late

1451
01:01:34,838 --> 01:01:38,900
thank you for listening to the skeptic

1452
01:01:37,219 --> 01:01:41,868
zone wasn't it great to have the think

1453
01:01:38,900 --> 01:01:44,180
tank back again oh we do enjoy that we

1454

01:01:41,869 --> 01:01:46,430
really do those Chinese dinners I tell

1455
01:01:44,179 --> 01:01:49,608
you what coming up on next week's show

1456
01:01:46,429 --> 01:01:51,828
we have some more interviews from Tam 9

1457
01:01:49,608 --> 01:01:54,828
in Las Vegas my goodness me they are

1458
01:01:51,829 --> 01:01:57,560
never ending but thank thank the

1459
01:01:54,829 --> 01:01:59,119
Spaghetti Monster thank the Spaghetti

1460
01:01:57,559 --> 01:02:01,578
Monster that they are never ending

1461
01:01:59,119 --> 01:02:03,710
they're always interesting plus other

1462
01:02:01,579 --> 01:02:05,780
reports and interviews I can't even

1463
01:02:03,710 --> 01:02:09,199
imagine what a better run out and do

1464
01:02:05,780 --> 01:02:11,569
some so until then this is Richard

1465
01:02:09,199 --> 01:02:13,608
Saunders thanking you thanking you all

1466
01:02:11,568 --> 01:02:16,039
once again for listening to the skeptics

1467
01:02:13,608 --> 01:02:18,619
and all tell a friend please tell two

1468
01:02:16,039 --> 01:02:22,159

friends in fact and three enemies and

1469

01:02:18,619 --> 01:02:25,700

your neighbor about the skeptic zone we

1470

01:02:22,159 --> 01:02:27,460

like to get more listeners that's what

1471

01:02:25,699 --> 01:02:29,750

I'll do I'll run out and tell somebody

1472

01:02:27,460 --> 01:02:37,039

until then this is Richard Saunders

1473

01:02:29,750 --> 01:02:39,630

signing off from Sydney Australia you've

1474

01:02:37,039 --> 01:02:44,460

been listening to the skeptic zone

1475

01:02:39,630 --> 01:02:47,490

visit our website at www.skeptics.org on TV

1476

01:02:44,460 --> 01:02:50,150

for comments contacts and extra video

1477

01:02:47,489 --> 01:02:50,149

reports

1478

01:02:53,280 --> 01:02:55,310

Oh