

1
00:00:00,000 --> 00:00:05,540
this is James Randi and you're listening

2
00:00:01,979 --> 00:00:05,540
to the skeptic zone

3
00:00:09,570 --> 00:00:16,230
welcome to the skeptic zone the podcast

4
00:00:12,759 --> 00:00:20,079
from Australia for science and reason

5
00:00:16,230 --> 00:00:22,560
yuria hosts Richard Saunders and Stefan

6
00:00:20,079 --> 00:00:22,559
Soyka

7
00:00:23,670 --> 00:00:30,060
Richard I'm extremely excited this week

8
00:00:27,210 --> 00:00:32,219
you look you know last week or week

9
00:00:30,059 --> 00:00:34,199
before you looked cleansed this week you

10
00:00:32,219 --> 00:00:36,750
look excited I'm excited you know why

11
00:00:34,200 --> 00:00:39,809
because this episode is going to feature

12
00:00:36,750 --> 00:00:43,109
ear candling my favorite medical

13
00:00:39,808 --> 00:00:45,299
treatment about time do ah phenomenal

14
00:00:43,109 --> 00:00:47,789
Richard thank you so much for finally

15
00:00:45,299 --> 00:00:51,869
bringing the truth of this wonderful

16
00:00:47,789 --> 00:00:53,460
wonderful scientific method very sight

17
00:00:51,869 --> 00:00:56,070
of the show in fact later on in the

18
00:00:53,460 --> 00:00:57,750
episode we have dr. H she's going to be

19
00:00:56,070 --> 00:00:59,698
talking all about ear candling and then

20
00:00:57,750 --> 00:01:02,429
you come up with another one of your

21
00:00:59,698 --> 00:01:04,439
brilliant advertorials ah look I come

22
00:01:02,429 --> 00:01:07,228
from a long line of ear candling zoo oh

23
00:01:04,439 --> 00:01:09,329
yes I do we go way back and look it's a

24
00:01:07,228 --> 00:01:11,280
great great technique it's a great it's

25
00:01:09,329 --> 00:01:12,959
great movement hmm because you know

26
00:01:11,280 --> 00:01:15,618
people just you stick the candle in

27
00:01:12,959 --> 00:01:19,289
there you light it and everything

28
00:01:15,618 --> 00:01:21,118
everything becomes perfect and wow it's

29

00:01:19,290 --> 00:01:23,130
phenomenal I can't wait to hear about it

30
00:01:21,118 --> 00:01:25,019
what a great sure we have with ear

31
00:01:23,129 --> 00:01:27,539
camping this is show number 15 by the

32
00:01:25,019 --> 00:01:29,280
one number 15 we're knockin away with it

33
00:01:27,540 --> 00:01:31,500
with it with the old zone we inserted

34
00:01:29,280 --> 00:01:34,349
old it's an alternate and I'll chosen 15

35
00:01:31,500 --> 00:01:37,590
episodes old for the 30th of January Oh

36
00:01:34,349 --> 00:01:39,358
No 30th of jail I don't quick well for

37
00:01:37,590 --> 00:01:43,439
the way to Christmas already goodness me

38
00:01:39,358 --> 00:01:45,000
oh boy I ever have terrible it's been

39
00:01:43,438 --> 00:01:47,188
going great though what's a feedback

40
00:01:45,000 --> 00:01:49,170
being like lately Oh excellent I'm thank

41
00:01:47,188 --> 00:01:51,718
you again thank you for everybody who's

42
00:01:49,170 --> 00:01:53,670
riding into it and posting comments on

43
00:01:51,718 --> 00:01:55,349

the comment section lots of good

44

00:01:53,670 --> 00:01:56,340
comments in fact thank you I'm I say

45

00:01:55,349 --> 00:01:57,928
Richard you're doing a great job

46

00:01:56,340 --> 00:02:00,270
maintaining the website as well I'm

47

00:01:57,929 --> 00:02:02,640
doing the best I works hard I knew

48

00:02:00,269 --> 00:02:04,170
excited also in today's episode we have

49

00:02:02,640 --> 00:02:06,478
another in our series of interviews with

50

00:02:04,170 --> 00:02:08,009
Barry Williams who just retired from the

51

00:02:06,478 --> 00:02:10,560
Australian skeptics he talks about

52

00:02:08,008 --> 00:02:12,989
meeting channelers in TV studios Oh

53

00:02:10,560 --> 00:02:15,150
buzzer yes he's met a few hasni is

54

00:02:12,990 --> 00:02:17,040
channel is in TV movie should change

55

00:02:15,150 --> 00:02:18,689
channel he's a challenge the channel

56

00:02:17,039 --> 00:02:21,329
it's five channels and psychics there

57

00:02:18,689 --> 00:02:23,550
should be a podcast way to do the old

58
00:02:21,330 --> 00:02:25,469
hand signals of inverted commas because

59
00:02:23,550 --> 00:02:27,030
every time you say channel channel

60
00:02:25,469 --> 00:02:28,318
psychic yeah you can't see it in the

61
00:02:27,030 --> 00:02:31,030
podcast what we're holding our fingers

62
00:02:28,318 --> 00:02:32,708
up going in Acamas channelers

63
00:02:31,030 --> 00:02:34,629
yeah because they're not actually

64
00:02:32,709 --> 00:02:36,909
Chandler's of course they'll probably

65
00:02:34,629 --> 00:02:38,859
not probably probably not but after that

66
00:02:36,909 --> 00:02:41,500
we have a special report dr. AG and I

67
00:02:38,860 --> 00:02:43,330
went down to Bondi Beach the Scalia's or

68
00:02:41,500 --> 00:02:46,209
Sydney's most famous speech I guess on

69
00:02:43,330 --> 00:02:49,390
Australia Day our national day and we

70
00:02:46,209 --> 00:02:52,959
sat on giant inflatable thongs is that

71
00:02:49,389 --> 00:02:55,208
foot thongs I hope so but you'll hear

72
00:02:52,959 --> 00:02:57,670
more about that it was good fun it was

73
00:02:55,209 --> 00:02:58,930
fair charity very good cause I think

74
00:02:57,669 --> 00:03:00,818
some of them went to medical research

75
00:02:58,930 --> 00:03:02,469
yeah and did they actually break the

76
00:03:00,818 --> 00:03:03,939
break record will find out about that

77
00:03:02,469 --> 00:03:06,099
later we'll find out about that later I

78
00:03:03,939 --> 00:03:07,359
hope they did oh good i hope they did

79
00:03:06,099 --> 00:03:08,680
someone else we got we've got the

80
00:03:07,360 --> 00:03:10,420
regular segment our new regular

81
00:03:08,680 --> 00:03:11,830
tournament with Iran so give called

82
00:03:10,419 --> 00:03:14,559
grain of salt he's going to be looking

83
00:03:11,830 --> 00:03:16,810
at autism oh yeah area fascinating topic

84
00:03:14,560 --> 00:03:18,969
dr. Rachel reports as I mentioned before

85
00:03:16,810 --> 00:03:21,879
be looking at here camera oh thank

86

00:03:18,969 --> 00:03:24,519
goodness for the only green ellis

87
00:03:21,879 --> 00:03:26,859
followed by the roundup with my koala

88
00:03:24,519 --> 00:03:30,340
hand and the think tank of course oh

89
00:03:26,860 --> 00:03:32,860
yeah oh what a great show again the zone

90
00:03:30,340 --> 00:03:35,500
is fully in the zone it is now listeners

91
00:03:32,860 --> 00:03:37,420
please get your ear candles ready and

92
00:03:35,500 --> 00:03:38,680
we'll get on no no no take your ear

93
00:03:37,419 --> 00:03:40,988
candles out because you have to listen

94
00:03:38,680 --> 00:03:42,340
to the show oh when you finish you can

95
00:03:40,989 --> 00:03:44,009
shove them back any I didn't think about

96
00:03:42,340 --> 00:03:46,180
that do you think people use two at once

97
00:03:44,009 --> 00:03:47,889
probably around the house like that

98
00:03:46,180 --> 00:03:49,599
there's get dolled wax all over the

99
00:03:47,889 --> 00:03:52,359
shoulders it's a terrible situation now

100
00:03:49,599 --> 00:03:54,009

one at a time follow it dr. Rachel

101

00:03:52,360 --> 00:03:55,840
explain everything about it all the

102

00:03:54,009 --> 00:03:57,939
science behind ear candling I'm looking

103

00:03:55,840 --> 00:04:00,180
like that oh alright well let's get on

104

00:03:57,939 --> 00:04:00,180
with it

105

00:04:09,259 --> 00:04:14,759
welcome to the second in our series of

106

00:04:12,090 --> 00:04:17,819
interviews with Barry Williams the

107

00:04:14,759 --> 00:04:20,848
recently retired chief executive officer

108

00:04:17,819 --> 00:04:23,939
of Australian skeptics here Barry talks

109

00:04:20,848 --> 00:04:30,598
about some of his experiences in the TV

110

00:04:23,939 --> 00:04:35,699
studio and i'll never forget one

111

00:04:30,598 --> 00:04:39,629
particular occasion there was a visiting

112

00:04:35,699 --> 00:04:40,978
American Chandler and I'd appeared on a

113

00:04:39,629 --> 00:04:43,228
couple of the current affairs shares

114

00:04:40,978 --> 00:04:45,000
with her and she'd go to a deep trance

115
00:04:43,228 --> 00:04:47,758
and she was speaking with the voice of

116
00:04:45,000 --> 00:04:49,319
some forget whether she was some

117
00:04:47,759 --> 00:04:50,759
extraterrestrial or somebody had lived

118
00:04:49,319 --> 00:04:53,069
in Pompeii there are a couple of them

119
00:04:50,759 --> 00:04:56,819
around that time and i give this great

120
00:04:53,069 --> 00:04:58,680
wisdom that we had a well and sort of

121
00:04:56,819 --> 00:05:00,509
superficial claptrap that if your local

122
00:04:58,680 --> 00:05:04,379
MP started talking he did throw him out

123
00:05:00,509 --> 00:05:10,199
immediately and they not noted for

124
00:05:04,379 --> 00:05:14,519
coming in with diva nemesis is but she

125
00:05:10,199 --> 00:05:16,199
she she when she was ever paying these

126
00:05:14,519 --> 00:05:20,359
things which cost they were five hundred

127
00:05:16,199 --> 00:05:22,620
dollars to Garcia venues around town

128
00:05:20,360 --> 00:05:23,848
it'll take quite a while to go to the

129
00:05:22,620 --> 00:05:27,180
trance at the beginning to get the

130
00:05:23,848 --> 00:05:31,379
lesson laughing war forgot the new we

131
00:05:27,180 --> 00:05:33,300
have one chef and but of course on the

132
00:05:31,379 --> 00:05:34,978
TV show will I have him you know you've

133
00:05:33,300 --> 00:05:36,449
got six minutes or three minutes or

134
00:05:34,978 --> 00:05:38,459
whatever it is they've got to rid of you

135
00:05:36,449 --> 00:05:40,408
you she read in the trans instantly oh

136
00:05:38,459 --> 00:05:43,228
really how about that amazing ever there

137
00:05:40,408 --> 00:05:45,288
I'm the are sitting there and a couple

138
00:05:43,228 --> 00:05:46,758
in chosen and

139
00:05:45,288 --> 00:05:48,378
sort of raising the skeptical eyebrow

140
00:05:46,759 --> 00:05:49,968
and having a bit of a chapel and of

141
00:05:48,379 --> 00:05:51,528
course you do that in those sort of

142
00:05:49,968 --> 00:05:53,629
interview situations and your other or

143

00:05:51,528 --> 00:05:58,129
the cameras focused on the other person

144
00:05:53,629 --> 00:06:00,289
in your models will be dead yeah and and

145
00:05:58,129 --> 00:06:02,389
I made a couple of mildly reasonable

146
00:06:00,288 --> 00:06:03,918
suggestions while she was under under

147
00:06:02,389 --> 00:06:06,050
the transfer who would have needed

148
00:06:03,918 --> 00:06:07,908
result of that stage anyway the row

149
00:06:06,050 --> 00:06:09,860
Martin show got being said we go to have

150
00:06:07,908 --> 00:06:11,360
this woman island we want you to come

151
00:06:09,860 --> 00:06:17,809
along and explain what she's doing in

152
00:06:11,360 --> 00:06:19,819
Los at Turner so I'm rep there and they

153
00:06:17,809 --> 00:06:22,219
kept us apart usually hear you know

154
00:06:19,819 --> 00:06:25,430
you're in the green room is janna memory

155
00:06:22,218 --> 00:06:27,379
with mingle with people yeah I I think

156
00:06:25,430 --> 00:06:29,389
that was the occasion that delighted the

157
00:06:27,379 --> 00:06:31,999

green room with John morganelli like in

158

00:06:29,389 --> 00:06:35,389

red rum holes the chaplain he was

159

00:06:31,999 --> 00:06:39,349

suffered a terrible cold but I got on

160

00:06:35,389 --> 00:06:41,418

with his burden that she's waffling away

161

00:06:39,348 --> 00:06:43,368

and I was making a few comments and she

162

00:06:41,418 --> 00:06:46,728

broke her cover because she started to

163

00:06:43,369 --> 00:06:51,379

sneer no really it was wonderful I knew

164

00:06:46,728 --> 00:06:53,899

I knew and she made all these statements

165

00:06:51,379 --> 00:06:56,300

I made my statements in and said that

166

00:06:53,899 --> 00:06:58,879

this is this is a good way of making

167

00:06:56,300 --> 00:07:00,889

money but the chance of getting any

168

00:06:58,879 --> 00:07:04,240

wisdom from long dead individuals or

169

00:07:00,889 --> 00:07:06,259

people rather planets minuscule and

170

00:07:04,240 --> 00:07:08,360

racing well thank you very much for all

171

00:07:06,259 --> 00:07:10,479

that's all he and Jeff Harvey who was a

172
00:07:08,360 --> 00:07:14,028
longtime director of the channel and

173
00:07:10,478 --> 00:07:16,878
then orchestra band is to play the

174
00:07:14,028 --> 00:07:20,468
intros now hazel and although shares and

175
00:07:16,879 --> 00:07:23,149
Jeff soonish ray and thank this lady

176
00:07:20,468 --> 00:07:26,689
struck up Colonel bogey which is you and

177
00:07:23,149 --> 00:07:31,059
I both know the the less

178
00:07:26,689 --> 00:07:31,059
words to reach our with Rebecca

179
00:07:31,629 --> 00:07:37,908
I made Jeff an honoree subscribers after

180
00:07:35,598 --> 00:07:39,498
that and he kept getting the magazines

181
00:07:37,908 --> 00:07:42,288
look I'm not sure that he didn't die

182
00:07:39,499 --> 00:07:44,179
they still is he go yeah he left gentle

183
00:07:42,288 --> 00:07:47,149
on you to retire retire years ago yes

184
00:07:44,178 --> 00:07:48,948
lovely black but he was no question

185
00:07:47,149 --> 00:07:51,168
wrong either he saw what's right right

186
00:07:48,949 --> 00:07:54,588
yeah I know there are lots like that I

187
00:07:51,168 --> 00:07:57,728
mean I've met some very strange people

188
00:07:54,588 --> 00:08:00,649
over the years in television studio

189
00:07:57,728 --> 00:08:02,178
another one I think great pleasure once

190
00:08:00,649 --> 00:08:05,749
again i think was on the right night

191
00:08:02,178 --> 00:08:08,508
show meeting the names aboriginal name

192
00:08:05,749 --> 00:08:11,749
is new knuckle cath walker flavors power

193
00:08:08,509 --> 00:08:13,848
oh yeah what a delightful old lady now I

194
00:08:11,749 --> 00:08:17,899
thought she's an activist know that

195
00:08:13,848 --> 00:08:19,968
she's all sweet delightful lady & M yeah

196
00:08:17,899 --> 00:08:22,129
you made all sorts of funny people in TV

197
00:08:19,968 --> 00:08:23,928
station group renewed but I'm not a lot

198
00:08:22,129 --> 00:08:26,499
but enough to log on people dropped

199
00:08:23,928 --> 00:08:29,598
around to see me and the little john-boy

200

00:08:26,499 --> 00:08:30,919
views on things last about 10 seconds on

201
00:08:29,598 --> 00:08:32,990
the screen after the other blokes had a

202
00:08:30,918 --> 00:08:34,968
three minute pitch I say it's all

203
00:08:32,990 --> 00:08:38,930
that's the way it can afford

204
00:08:34,969 --> 00:08:42,110
unison yes sir and as a result of all

205
00:08:38,929 --> 00:08:44,599
these things I've had yeah you know

206
00:08:42,110 --> 00:08:46,188
yourself you get a measure of minor

207
00:08:44,600 --> 00:08:48,350
celebrity when people actually rescued

208
00:08:46,188 --> 00:08:52,669
by a friend but didn't I see you under

209
00:08:48,350 --> 00:08:54,139
me to throw probably and and I can

210
00:08:52,669 --> 00:08:56,509
understand why

211
00:08:54,139 --> 00:08:58,069
work white people who are regular

212
00:08:56,509 --> 00:09:00,169
appearance on television might get a bit

213
00:08:58,070 --> 00:09:03,110
cheesed off while the public notice but

214
00:09:00,169 --> 00:09:04,909

both budget court appear on TV never

215

00:09:03,110 --> 00:09:06,409

worried me much and other than I

216

00:09:04,909 --> 00:09:08,870

hope people don't think I was big

217

00:09:06,409 --> 00:09:11,149

another's that's the answer now see your

218

00:09:08,870 --> 00:09:12,769

ontology and of course you do we both

219

00:09:11,149 --> 00:09:14,090

know from experience you never know how

220

00:09:12,769 --> 00:09:16,699

you're going to appear on the final cut

221

00:09:14,090 --> 00:09:20,600

now a shot that's right I must say to

222

00:09:16,700 --> 00:09:22,700

credit I don't believe I've been Miss

223

00:09:20,600 --> 00:09:24,769

and I headed up side of the I said

224

00:09:22,700 --> 00:09:26,900

something I didn't say I mean some of my

225

00:09:24,769 --> 00:09:29,809

good pledge of it left out yes yes yes

226

00:09:26,899 --> 00:09:31,909

but I've never been made to look as I'm

227

00:09:29,809 --> 00:09:33,919

say something other than what I met does

228

00:09:31,909 --> 00:09:36,289

it surprise you that year after year

229
00:09:33,919 --> 00:09:38,689
they'll come back to more or less the

230
00:09:36,289 --> 00:09:41,509
same story which has been it's old news

231
00:09:38,690 --> 00:09:43,970
but maybe the reporter has never heard

232
00:09:41,509 --> 00:09:46,189
about it before or maybe a good example

233
00:09:43,970 --> 00:09:49,490
would be the lift go Panther the cast

234
00:09:46,190 --> 00:09:51,620
aluminum giant cat or some beer I know I

235
00:09:49,490 --> 00:09:53,060
it did or what for a while there I

236
00:09:51,620 --> 00:09:54,409
thought are we having any effect at all

237
00:09:53,059 --> 00:09:56,959
because like Eve asking the same

238
00:09:54,409 --> 00:09:58,429
questions and surely must be like look I

239
00:09:56,960 --> 00:10:00,650
try to make my explanations not too

240
00:09:58,429 --> 00:10:01,639
technical but very understandable that

241
00:10:00,649 --> 00:10:03,379
people should think for themselves

242
00:10:01,639 --> 00:10:05,240
really that's what website of people

243
00:10:03,379 --> 00:10:07,039
yeah don't take other people's word for

244
00:10:05,240 --> 00:10:08,779
it especially if they're offering you

245
00:10:07,039 --> 00:10:10,879
things that are going to control your

246
00:10:08,779 --> 00:10:12,919
life think about up use your brain and

247
00:10:10,879 --> 00:10:17,179
don't believe think that's a good motto

248
00:10:12,919 --> 00:10:20,539
yeah you do and occasionally you'll hear

249
00:10:17,179 --> 00:10:22,309
a media person will say well I know the

250
00:10:20,539 --> 00:10:24,199
skeptic co that is such and such but

251
00:10:22,309 --> 00:10:25,639
would you like to expand on it which is

252
00:10:24,200 --> 00:10:28,100
good it means they take the message in

253
00:10:25,639 --> 00:10:30,080
but quite a half and you get young

254
00:10:28,100 --> 00:10:33,430
Jenna's you want the job and they

255
00:10:30,080 --> 00:10:33,430
probably have another lesson for

256
00:10:41,720 --> 00:10:48,079
hi I'm Alice at eight host of the new by

257

00:10:45,139 --> 00:10:49,970
weekly podcast the pseudo-scientists the

258
00:10:48,078 --> 00:10:52,159
official podcast of the young stray lien

259
00:10:49,970 --> 00:10:54,649
skeptics John Elliott birch daily

260
00:10:52,159 --> 00:10:56,719
breeders Jason ball Jack Scanlon hey

261
00:10:54,649 --> 00:10:58,759
rush and myself to hear what our

262
00:10:56,720 --> 00:11:00,939
generation have to say about quackery

263
00:10:58,759 --> 00:11:03,649
science and the issues that concern us

264
00:11:00,938 --> 00:11:10,338
subscribe to our podcast located at

265
00:11:03,649 --> 00:11:11,899
young of skeptics com beautiful Bondi

266
00:11:10,339 --> 00:11:13,850
Beach on the twenty-sixth of January

267
00:11:11,899 --> 00:11:16,068
Australia Day hello Rachel hello Richard

268
00:11:13,850 --> 00:11:18,139
how are you I'm happy to be here we're

269
00:11:16,068 --> 00:11:19,849
actually on a little sort of grassy hill

270
00:11:18,139 --> 00:11:22,730
overlooking the beach lining up to get

271
00:11:19,850 --> 00:11:25,939

our giant oh yes we are we're here for

272

00:11:22,730 --> 00:11:28,789

the havaianas giant song australia day

273

00:11:25,938 --> 00:11:31,969

challenge now when we say thong we mean

274

00:11:28,789 --> 00:11:33,620

footwear yes we do we should done we

275

00:11:31,970 --> 00:11:35,930

should clarify the clarified that yes

276

00:11:33,620 --> 00:11:37,519

and there are giant green thumbs being

277

00:11:35,929 --> 00:11:39,649

handed out left right and center we're

278

00:11:37,519 --> 00:11:40,549

going to sit there and play table so

279

00:11:39,649 --> 00:11:43,490

we're going to be sitting on them

280

00:11:40,549 --> 00:11:45,019

they're about five feet tall falling out

281

00:11:43,490 --> 00:11:47,058

of the window a blob they are actually

282

00:11:45,019 --> 00:11:49,188

they're being blown up upstairs in the

283

00:11:47,058 --> 00:11:51,338

surf lifesaving club and some of our

284

00:11:49,188 --> 00:11:53,509

listeners would know about the bond i

285

00:11:51,339 --> 00:11:56,360

surf lifesaving club because there's a

286
00:11:53,509 --> 00:11:57,930
show called bondi rescue which is my

287
00:11:56,360 --> 00:12:00,360
today yeah

288
00:11:57,929 --> 00:12:02,849
yes they're falling out of the roof next

289
00:12:00,360 --> 00:12:05,310
to us and there's a year about five foot

290
00:12:02,850 --> 00:12:08,310
long and yellow and green which is a big

291
00:12:05,309 --> 00:12:09,989
colors of Australia oh hell no this is

292
00:12:08,309 --> 00:12:12,239
what we do on our national day we line

293
00:12:09,990 --> 00:12:14,070
up and we get giant inflatable phones

294
00:12:12,240 --> 00:12:16,500
but there is a reason behind this

295
00:12:14,070 --> 00:12:19,379
challenge today we choose in there is

296
00:12:16,500 --> 00:12:21,179
there Rachel yes there is well firstly

297
00:12:19,379 --> 00:12:22,439
is to raise money for charity actually

298
00:12:21,179 --> 00:12:25,649
for the Starlight Children's Foundation

299
00:12:22,440 --> 00:12:27,660
which is children's cancer and also for

300
00:12:25,649 --> 00:12:30,600
the little nippers which is surf

301
00:12:27,659 --> 00:12:32,278
lifesaving and but it's also to break a

302
00:12:30,600 --> 00:12:34,830
world record there's a world record

303
00:12:32,278 --> 00:12:36,208
attempt yeah and we might be part of

304
00:12:34,830 --> 00:12:38,129
that we will be paddling well hopefully

305
00:12:36,208 --> 00:12:42,479
the previous world record was set in

306
00:12:38,129 --> 00:12:44,309
2006 at coogee and that was 863 people

307
00:12:42,480 --> 00:12:45,930
on inflatable phones and so the

308
00:12:44,309 --> 00:12:48,000
organizers today are hoping to beat that

309
00:12:45,929 --> 00:12:49,620
we'll look around you there are hundreds

310
00:12:48,000 --> 00:12:52,950
of people here in the queue with us

311
00:12:49,620 --> 00:12:54,659
lining up in various places so yeah they

312
00:12:52,950 --> 00:12:56,580
may well be the today yeah it's very

313
00:12:54,659 --> 00:12:58,949
busy I mean it's only just past nine

314

00:12:56,580 --> 00:13:00,240
a.m. here and already there there are

315
00:12:58,950 --> 00:13:01,890
hundreds of people milling around so

316
00:13:00,240 --> 00:13:05,039
it's looking possibly like they might be

317
00:13:01,889 --> 00:13:08,699
that 863 but Richard I think it's going

318
00:13:05,039 --> 00:13:09,958
to be hilarious I hope so I'm not sure

319
00:13:08,700 --> 00:13:11,670
I'm going to be able to stay on my first

320
00:13:09,958 --> 00:13:14,569
I'm going to be laughing so hard it's

321
00:13:11,669 --> 00:13:14,569
pretty funny so ver

322
00:13:18,309 --> 00:13:24,078
it's a couple of hours later well Rachel

323
00:13:21,139 --> 00:13:25,068
that was fun that was fun wasn't it how

324
00:13:24,078 --> 00:13:27,888
many people do you think they were

325
00:13:25,068 --> 00:13:30,289
richard floating on inflatable thongs as

326
00:13:27,889 --> 00:13:33,528
in footwear and a giant ring up I'm the

327
00:13:30,289 --> 00:13:35,509
water um it's hard to say six seven

328
00:13:33,528 --> 00:13:37,698

maybe eight hundred yeah it looks like

329

00:13:35,509 --> 00:13:39,289

about that many to know but it was quite

330

00:13:37,698 --> 00:13:41,679

funny folks because what actually

331

00:13:39,289 --> 00:13:43,789

happened was they the lifesavers put a

332

00:13:41,679 --> 00:13:46,188

series of boys in the shape of the

333

00:13:43,789 --> 00:13:49,028

circle connected by rope and we all went

334

00:13:46,188 --> 00:13:52,519

out paddled our way out and then held on

335

00:13:49,028 --> 00:13:54,289

for dear life in some instances because

336

00:13:52,519 --> 00:13:56,060

the swell actually got quite big at one

337

00:13:54,289 --> 00:13:59,179

point in that Richard it did now

338

00:13:56,059 --> 00:14:02,028

listeners if you go to our Flickr page

339

00:13:59,179 --> 00:14:04,909

links on our web page skeptics and TVs

340

00:14:02,028 --> 00:14:07,009

you can see some pictures of these crazy

341

00:14:04,909 --> 00:14:08,990

things now we're sitting on the beach at

342

00:14:07,009 --> 00:14:11,269

the moment the beach is covered with

343
00:14:08,990 --> 00:14:13,490
giant inflatable thongs as far as I can

344
00:14:11,269 --> 00:14:14,899
see in all those both directions yeah

345
00:14:13,490 --> 00:14:16,938
and most people were a lot of people

346
00:14:14,899 --> 00:14:18,559
actually try to deflate their thumbs at

347
00:14:16,938 --> 00:14:20,929
the moment and it's actually a month

348
00:14:18,559 --> 00:14:23,088
more difficult than you think now I'm

349
00:14:20,929 --> 00:14:26,419
parents here who's a regular skeptics in

350
00:14:23,089 --> 00:14:28,939
the pub and hello that's the sound of

351
00:14:26,419 --> 00:14:30,349
her he's pleading her but you're lying

352
00:14:28,938 --> 00:14:32,208
on the phone it's doubled over you

353
00:14:30,350 --> 00:14:34,100
trying to get all the error yes that's

354
00:14:32,208 --> 00:14:38,688
right Richard trying to get it out very

355
00:14:34,100 --> 00:14:42,199
very slowly but very very shortly and a

356
00:14:38,688 --> 00:14:44,419
couple of hours and there's lifeguards

357
00:14:42,198 --> 00:14:46,000
coming behind us now and they're baggy

358
00:14:44,419 --> 00:14:48,849
were there

359
00:14:46,000 --> 00:14:50,740
inflatable surf boat probably going to

360
00:14:48,850 --> 00:14:53,290
want to park it again

361
00:14:50,740 --> 00:14:55,180
actually Richard when we were out we had

362
00:14:53,289 --> 00:14:57,159
to we were a whistle blew and we had to

363
00:14:55,179 --> 00:14:59,229
all hold the hand of the person next to

364
00:14:57,159 --> 00:15:00,909
us for I think 30 seconds to set the

365
00:14:59,230 --> 00:15:03,550
record and during that time there were

366
00:15:00,909 --> 00:15:06,039
about four or five surf boats out there

367
00:15:03,549 --> 00:15:08,979
from Bondi rescue and about three or

368
00:15:06,039 --> 00:15:10,599
four News choppers yeah and all the news

369
00:15:08,980 --> 00:15:13,320
channels were represented on the shore

370
00:15:10,600 --> 00:15:16,330
so it must be a slow news day I reckon

371

00:15:13,320 --> 00:15:19,810
yes miss folks that's what makes news in

372
00:15:16,330 --> 00:15:22,528
Australia floating on giant inflatable

373
00:15:19,809 --> 00:15:22,528
pieces of footwear

374
00:15:31,539 --> 00:15:35,928
astronomy cast it takes a fact space

375
00:15:33,859 --> 00:15:37,668
journey through the cosmos as it offers

376
00:15:35,928 --> 00:15:40,338
listeners weekly discussions on

377
00:15:37,668 --> 00:15:43,249
astronomical topics ranging from planets

378
00:15:40,339 --> 00:15:45,709
to cosmology hosted by Fraser Cain of

379
00:15:43,249 --> 00:15:46,548
Universe Today and myself dr. Pamela gay

380
00:15:45,708 --> 00:15:49,248
of southern illinois university

381
00:15:46,548 --> 00:15:51,108
edwardsville this show brings the

382
00:15:49,249 --> 00:15:53,540
questions of an avid astronomy lover

383
00:15:51,109 --> 00:15:55,639
directly to an astronomer together

384
00:15:53,539 --> 00:15:57,168
Fraser and I explore what is known and

385
00:15:55,639 --> 00:15:59,928

being discovered about the universe

386

00:15:57,168 --> 00:16:02,028

around us join us each week as we take a

387

00:15:59,928 --> 00:16:15,980

fax face journey through the cosmos at

388

00:16:02,028 --> 00:16:21,068

astronomy cast calm let's all take this

389

00:16:15,980 --> 00:16:21,069

with a grain of salt he's around second

390

00:16:24,278 --> 00:16:28,999

for various reasons autism has a

391

00:16:27,289 --> 00:16:31,458

somewhat controversial standing in the

392

00:16:28,999 --> 00:16:33,439

public perception which causes it to be

393

00:16:31,458 --> 00:16:35,738

co-opted by various groups with varying

394

00:16:33,438 --> 00:16:38,088

agendas to support their point of view I

395

00:16:35,739 --> 00:16:39,949

will mention at the top of the list of

396

00:16:38,089 --> 00:16:43,489

such groups those who oppose vaccines

397

00:16:39,948 --> 00:16:45,198

but they're not the only ones before

398

00:16:43,489 --> 00:16:46,879

discussing why autism features so

399

00:16:45,198 --> 00:16:49,039

prominently in a number of high-profile

400
00:16:46,879 --> 00:16:51,379
debates it is important to understand

401
00:16:49,039 --> 00:16:54,798
what autism actually is so let's start

402
00:16:51,379 --> 00:16:57,079
by defining it autism is the name given

403
00:16:54,798 --> 00:16:59,600
to a wide range of effects or behaviors

404
00:16:57,078 --> 00:17:02,289
that often appear together such as

405
00:16:59,600 --> 00:17:05,088
social ineptitude repetitive behaviors

406
00:17:02,289 --> 00:17:08,240
problems with verbal communication lack

407
00:17:05,088 --> 00:17:10,398
of eye contact and more autism is

408
00:17:08,240 --> 00:17:12,588
defined as a mental disorder in dsm for

409
00:17:10,398 --> 00:17:14,658
the diagnostic and statistical manual of

410
00:17:12,588 --> 00:17:16,519
mental disorders and there are several

411
00:17:14,659 --> 00:17:18,289
similar disorders such as Asperger's

412
00:17:16,519 --> 00:17:20,449
syndrome that are considered to be

413
00:17:18,288 --> 00:17:23,419
related and are often described as being

414
00:17:20,449 --> 00:17:25,278
on the autistic spectrum autism and

415
00:17:23,419 --> 00:17:27,679
those related disorders are often called

416
00:17:25,278 --> 00:17:29,778
pervasive developmental disorders which

417
00:17:27,679 --> 00:17:32,149
accurately reflects the broad spectrum

418
00:17:29,778 --> 00:17:34,859
of types of observations associated with

419
00:17:32,148 --> 00:17:37,929
them from mental to social to physical

420
00:17:34,859 --> 00:17:40,779
to date the causes of autism are not

421
00:17:37,930 --> 00:17:42,400
fully known evidence of structural and

422
00:17:40,779 --> 00:17:44,740
functional differences in the brains of

423
00:17:42,400 --> 00:17:46,660
autistic individuals is growing and the

424
00:17:44,740 --> 00:17:48,940
case for a significant genetic component

425
00:17:46,660 --> 00:17:50,740
is strong though it clearly cannot be

426
00:17:48,940 --> 00:17:53,410
attributed to a single gene or a small

427
00:17:50,740 --> 00:17:55,450
number of genes there are several

428

00:17:53,410 --> 00:17:57,130
features of autistic spectrum disorders

429
00:17:55,450 --> 00:17:59,080
that make them particularly prone to

430
00:17:57,130 --> 00:18:02,710
debate relating to their existence and

431
00:17:59,079 --> 00:18:05,169
causes one the diagnosis is purely

432
00:18:02,710 --> 00:18:07,329
clinical meaning there is no completely

433
00:18:05,170 --> 00:18:09,580
objective tests such as a chemical or

434
00:18:07,329 --> 00:18:12,730
genetic test that can be used to confirm

435
00:18:09,579 --> 00:18:17,289
the disorder too as mentioned earlier

436
00:18:12,730 --> 00:18:19,150
the causes are not clear three various

437
00:18:17,289 --> 00:18:21,309
features of autistic spectrum disorders

438
00:18:19,150 --> 00:18:24,130
appear in a neurotypical zeeeeee which

439
00:18:21,309 --> 00:18:25,750
are non autistic individuals professor

440
00:18:24,130 --> 00:18:27,940
Tony Atwood a leading authority on

441
00:18:25,750 --> 00:18:30,819
Asperger's syndrome likens the autistic

442
00:18:27,940 --> 00:18:32,529

spectrum to a hundred piece puzzle every

443

00:18:30,819 --> 00:18:35,079

human has some pieces of the puzzle and

444

00:18:32,529 --> 00:18:36,970

no human has all 100 but at a certain

445

00:18:35,079 --> 00:18:39,099

point we say there are enough pieces to

446

00:18:36,970 --> 00:18:41,980

see the picture and we define that as

447

00:18:39,099 --> 00:18:44,619

being within the autistic spectrum for

448

00:18:41,980 --> 00:18:47,019

autistic individuals can vary widely in

449

00:18:44,619 --> 00:18:48,939

their presentation of symptoms while

450

00:18:47,019 --> 00:18:50,920

some symptoms are very common it is not

451

00:18:48,940 --> 00:18:52,360

unusual for an artistic individual to

452

00:18:50,920 --> 00:18:56,170

lack some of the more obvious or

453

00:18:52,359 --> 00:18:58,000

well-known symptoms despite autistic

454

00:18:56,170 --> 00:19:00,009

spectrum disorders being pervasive and

455

00:18:58,000 --> 00:19:01,960

persistent it is rare for them to be

456

00:19:00,009 --> 00:19:05,230

diagnosed or even observed in the first

457
00:19:01,960 --> 00:19:06,700
few years of life and finally 6 there

458
00:19:05,230 --> 00:19:08,620
has been a huge rise in the number of

459
00:19:06,700 --> 00:19:12,220
children diagnosed as autistic in the

460
00:19:08,619 --> 00:19:14,139
past 25 years these features have led to

461
00:19:12,220 --> 00:19:16,390
several groups having autism at the core

462
00:19:14,140 --> 00:19:18,009
of their agenda and I use the term group

463
00:19:16,390 --> 00:19:20,830
loosely here to indicate a common agenda

464
00:19:18,009 --> 00:19:22,150
as in reality there are hundreds if not

465
00:19:20,829 --> 00:19:24,069
thousands of physically and

466
00:19:22,150 --> 00:19:27,250
organizationally separate groups across

467
00:19:24,069 --> 00:19:29,109
the globe the first and by far the most

468
00:19:27,250 --> 00:19:32,019
harmful is the anti-vaccination movement

469
00:19:29,109 --> 00:19:33,909
I do not wish to discuss the history of

470
00:19:32,019 --> 00:19:35,619
this appalling movement but it is

471
00:19:33,910 --> 00:19:37,570
important to be clear that the focus on

472
00:19:35,619 --> 00:19:39,819
autism is just a matter of experience

473
00:19:37,569 --> 00:19:42,609
for them much the same as the focus on

474
00:19:39,819 --> 00:19:44,529
mercury is basically there are

475
00:19:42,609 --> 00:19:46,119
persistent in their search for negatives

476
00:19:44,529 --> 00:19:48,558
that can be linked to vaccines and

477
00:19:46,119 --> 00:19:50,689
autism is just one such item

478
00:19:48,558 --> 00:19:53,210
the main reason autism is linked to

479
00:19:50,690 --> 00:19:55,070
vaccines is temporal many autistic

480
00:19:53,210 --> 00:19:56,720
children present their first symptoms at

481
00:19:55,069 --> 00:19:58,548
around the same time as the MMR vaccine

482
00:19:56,720 --> 00:20:01,490
is administered in most Western

483
00:19:58,548 --> 00:20:03,230
countries the idea is undoubtedly helped

484
00:20:01,490 --> 00:20:05,509
by the increase in diagnosis mentioned

485

00:20:03,230 --> 00:20:07,970
earlier add to that the uncertainty

486
00:20:05,509 --> 00:20:09,409
around the causes of autism the anguish

487
00:20:07,970 --> 00:20:11,509
of parents faced with an incurable

488
00:20:09,409 --> 00:20:14,090
disorder that can sometimes be extremely

489
00:20:11,509 --> 00:20:16,339
debilitating the alter human desire to

490
00:20:14,089 --> 00:20:18,619
find a causal agent or increasingly

491
00:20:16,339 --> 00:20:19,788
someone to sue and you've got all the

492
00:20:18,619 --> 00:20:21,648
ingredients required for an

493
00:20:19,788 --> 00:20:24,048
agenda-driven movement that has no

494
00:20:21,648 --> 00:20:26,319
regard for facts to use autism as one of

495
00:20:24,048 --> 00:20:28,638
its main reasons to object to vaccines

496
00:20:26,319 --> 00:20:31,398
let it be absolutely and unequivocally

497
00:20:28,638 --> 00:20:34,490
clear there is no link between vaccines

498
00:20:31,398 --> 00:20:36,199
and autism this has been demonstrated by

499
00:20:34,490 --> 00:20:37,849

enough controlled in epidemiological

500

00:20:36,200 --> 00:20:40,340

studies to make it effect not worth

501

00:20:37,849 --> 00:20:41,719

debating any further there is no

502

00:20:40,339 --> 00:20:43,609

difference in autism rates between

503

00:20:41,720 --> 00:20:46,368

vaccinated in advocacy native children

504

00:20:43,609 --> 00:20:47,689

and the idea of a link only exists

505

00:20:46,368 --> 00:20:49,579

because of one small and long

506

00:20:47,690 --> 00:20:52,788

discredited study by dr. Andrew

507

00:20:49,579 --> 00:20:54,528

Wakefield but diagnosis rates have risen

508

00:20:52,788 --> 00:20:57,440

has been clearly shown to be the result

509

00:20:54,528 --> 00:20:59,868

of broader criteria and a tendency to

510

00:20:57,440 --> 00:21:02,538

over diagnose rather than any real rise

511

00:20:59,868 --> 00:21:04,999

in autism and in the few places where

512

00:21:02,538 --> 00:21:08,749

vaccination programs have stalled autism

513

00:21:04,999 --> 00:21:10,669

rates continued to rise another group

514
00:21:08,749 --> 00:21:12,499
that uses autism in its agenda is the

515
00:21:10,669 --> 00:21:14,690
environmental movement in attempts to

516
00:21:12,499 --> 00:21:17,538
link toxins in the environment to autism

517
00:21:14,690 --> 00:21:19,399
I'll not before I go any further that

518
00:21:17,538 --> 00:21:20,509
this claim is considered fringe even

519
00:21:19,398 --> 00:21:22,788
within the mainstream of the

520
00:21:20,509 --> 00:21:24,860
environmental movement the idea is that

521
00:21:22,788 --> 00:21:27,919
toxins mostly heavy metals in the

522
00:21:24,859 --> 00:21:29,689
environment cause autism several books

523
00:21:27,919 --> 00:21:32,179
on the subject have been written with at

524
00:21:29,690 --> 00:21:33,950
least one autism brain and environment

525
00:21:32,179 --> 00:21:35,450
but dr. Richard lathe being very

526
00:21:33,950 --> 00:21:38,090
scientific in its approach and

527
00:21:35,450 --> 00:21:39,909
presentation dr. Lloyd's book contains a

528

00:21:38,089 --> 00:21:42,319

lot of actual science content

529

00:21:39,909 --> 00:21:43,909

unfortunately his conclusions are not

530

00:21:42,319 --> 00:21:45,528

based on the science but rather on

531

00:21:43,909 --> 00:21:47,600

premises and assumptions that are not

532

00:21:45,528 --> 00:21:50,659

supported by the science he presents or

533

00:21:47,599 --> 00:21:52,548

by any science at all while dr. lathe

534

00:21:50,659 --> 00:21:54,679

probably did not write the book with an

535

00:21:52,548 --> 00:21:56,538

environmental agenda his book has been

536

00:21:54,679 --> 00:21:58,190

embraced by those in the environmental

537

00:21:56,538 --> 00:22:01,250

movement who saw in its support for

538

00:21:58,190 --> 00:22:02,619

their claims a third group is

539

00:22:01,250 --> 00:22:04,759

Scientology

540

00:22:02,618 --> 00:22:06,709

scientologists do not believe in autism

541

00:22:04,759 --> 00:22:08,509

and therefore fight organizations that

542

00:22:06,710 --> 00:22:10,429
support autistic people and their carers

543
00:22:08,509 --> 00:22:13,308
and instead promote their well-known

544
00:22:10,429 --> 00:22:15,499
panacea personality tests auditing and

545
00:22:13,308 --> 00:22:16,849
all the rest of their nonsense and if

546
00:22:15,499 --> 00:22:18,589
you didn't cringe at the start of the

547
00:22:16,849 --> 00:22:21,349
previous sentence are repeated so you

548
00:22:18,589 --> 00:22:25,428
can cringe now Scientologists do not

549
00:22:21,349 --> 00:22:27,108
believe in autism the next group is of a

550
00:22:25,429 --> 00:22:28,869
very different sort as it comprises

551
00:22:27,108 --> 00:22:31,489
mostly parents of affected children

552
00:22:28,868 --> 00:22:32,898
there is no external agenda involved but

553
00:22:31,489 --> 00:22:34,308
rather an attempt to deal with the

554
00:22:32,898 --> 00:22:37,189
reality with child with an autistic

555
00:22:34,308 --> 00:22:38,960
spectrum disorder people in this will

556
00:22:37,190 --> 00:22:42,320

believe that autism can be cured or at

557

00:22:38,960 --> 00:22:44,090

least alleviated by diet numerous books

558

00:22:42,319 --> 00:22:45,829

have been written both analyzing the

559

00:22:44,089 --> 00:22:47,538

subject and offering various and often

560

00:22:45,829 --> 00:22:50,210

conflicting suggestions for a diet that

561

00:22:47,538 --> 00:22:52,908

would cure autism lactose and gluten

562

00:22:50,210 --> 00:22:55,369

feature prominently of course and that

563

00:22:52,909 --> 00:22:57,169

fact alone is highly suggestive as those

564

00:22:55,368 --> 00:22:59,538

two substances have been implicated in

565

00:22:57,169 --> 00:23:01,159

so many different ailments that it is

566

00:22:59,538 --> 00:23:03,769

hard to avoid thinking that they are the

567

00:23:01,159 --> 00:23:05,989

culinary equivalent of grey aliens being

568

00:23:03,769 --> 00:23:08,659

derived from culture rather than from

569

00:23:05,989 --> 00:23:10,819

scientific knowledge regardless of the

570

00:23:08,659 --> 00:23:12,889

specific diet there is no evidence at

571
00:23:10,819 --> 00:23:15,558
all at this stage that diet alleviates

572
00:23:12,888 --> 00:23:16,969
autism nor is there a known mechanism by

573
00:23:15,558 --> 00:23:20,178
which the brain can be changed

574
00:23:16,970 --> 00:23:21,950
sufficiently by a diet the closest thing

575
00:23:20,179 --> 00:23:24,109
to supporting evidence is that some

576
00:23:21,950 --> 00:23:25,519
autistic like features are present in

577
00:23:24,108 --> 00:23:28,069
children that are otherwise not autistic

578
00:23:25,519 --> 00:23:30,019
and those symptoms have been shown on

579
00:23:28,069 --> 00:23:31,939
rare occasions to be the result of

580
00:23:30,019 --> 00:23:34,669
allergy or intolerance to various foods

581
00:23:31,940 --> 00:23:36,528
this should definitely not be enough to

582
00:23:34,669 --> 00:23:38,299
limit the child's food choices or to

583
00:23:36,528 --> 00:23:39,980
divert the parents attention from the

584
00:23:38,298 --> 00:23:42,200
important task of assisting the child

585
00:23:39,980 --> 00:23:43,970
deal with his or her condition which is

586
00:23:42,200 --> 00:23:47,210
clearly a risk if the parents believe

587
00:23:43,970 --> 00:23:48,858
the child is being cured the last group

588
00:23:47,210 --> 00:23:51,409
is those who believe in the theory of

589
00:23:48,858 --> 00:23:52,668
indigo children but before I talk about

590
00:23:51,409 --> 00:23:54,730
them I would like to make a point

591
00:23:52,669 --> 00:23:56,929
regarding the use of certain words

592
00:23:54,730 --> 00:24:00,108
throughout this talk I use the words

593
00:23:56,929 --> 00:24:02,090
disorder and symptoms and cure I use

594
00:24:00,108 --> 00:24:04,608
these words for simplicity and to avoid

595
00:24:02,089 --> 00:24:07,730
too many definitions these are the words

596
00:24:04,608 --> 00:24:08,928
used by scientists and clinicians there

597
00:24:07,730 --> 00:24:11,028
are many people who would be unhappy

598
00:24:08,929 --> 00:24:12,619
with that as they do not see autism as a

599

00:24:11,028 --> 00:24:16,099
disability but rather as simply a

600
00:24:12,618 --> 00:24:17,298
different personality type indeed I

601
00:24:16,099 --> 00:24:19,308
personally think that there are many

602
00:24:17,298 --> 00:24:20,569
children on the autistic spectrum that

603
00:24:19,308 --> 00:24:22,639
would benefit from being viewed as

604
00:24:20,569 --> 00:24:24,678
special rather than deficient and have

605
00:24:22,640 --> 00:24:27,410
such amazing capabilities that to try to

606
00:24:24,679 --> 00:24:29,150
cure them would be an injustice having

607
00:24:27,410 --> 00:24:31,070
said that most children on the spectrum

608
00:24:29,150 --> 00:24:33,320
can benefit from assistance in those

609
00:24:31,069 --> 00:24:34,970
areas in which they are lacking and they

610
00:24:33,319 --> 00:24:36,710
are emerging methods of assisting such

611
00:24:34,970 --> 00:24:39,110
children that are based on what is known

612
00:24:36,710 --> 00:24:40,700
about the causes of autism rather than

613
00:24:39,109 --> 00:24:44,209

on assuming that occur is around the

614

00:24:40,700 --> 00:24:45,500

corner the indigo child people believe

615

00:24:44,210 --> 00:24:46,940

that there are children around and

616

00:24:45,500 --> 00:24:49,190

represent a higher state of human

617

00:24:46,940 --> 00:24:50,720

evolution they attribute certain

618

00:24:49,190 --> 00:24:53,390

paranormal abilities to these children

619

00:24:50,720 --> 00:24:55,159

such as the ability to read minds but

620

00:24:53,390 --> 00:24:57,320

their descriptions quite clearly overlap

621

00:24:55,159 --> 00:24:59,090

with the dsm-4 definition of autism and

622

00:24:57,319 --> 00:25:00,619

it would be difficult not to suggest

623

00:24:59,089 --> 00:25:02,959

that many of those who believe that

624

00:25:00,619 --> 00:25:04,879

their child is indigo believe so because

625

00:25:02,960 --> 00:25:07,730

it is an attractive way of D medical

626

00:25:04,880 --> 00:25:10,730

izing the condition of saying my child

627

00:25:07,730 --> 00:25:12,650

is not damaged she's special while I

628
00:25:10,730 --> 00:25:14,870
sympathize with the urge it is clearly

629
00:25:12,650 --> 00:25:16,460
misguided and if the child is denied

630
00:25:14,869 --> 00:25:19,418
help because of the view that there are

631
00:25:16,460 --> 00:25:21,679
indigo then harm will have been done I

632
00:25:19,419 --> 00:25:23,360
have not of course mentioned every

633
00:25:21,679 --> 00:25:25,400
single agenda that has autism at its

634
00:25:23,359 --> 00:25:26,808
centre but I believe I have touched on

635
00:25:25,400 --> 00:25:29,780
some of the more important and prominent

636
00:25:26,808 --> 00:25:31,548
ones unfortunately the nature of autism

637
00:25:29,779 --> 00:25:33,408
promises that new ones will come about

638
00:25:31,548 --> 00:25:35,179
in the future and will continue to

639
00:25:33,409 --> 00:25:37,610
divert attention from the progress being

640
00:25:35,179 --> 00:25:41,590
made by diligent researchers in helping

641
00:25:37,609 --> 00:25:41,589
autistic individuals live with autism

642
00:25:45,700 --> 00:25:53,409
you're listening to the skeptic zone I'm

643
00:25:48,740 --> 00:25:53,409
Brian Dunning from sceptile com

644
00:25:54,970 --> 00:26:03,798
now it's time for dr. Rachel reports

645
00:25:58,339 --> 00:26:06,439
with dr. Rachel Dunlop hello everyone

646
00:26:03,798 --> 00:26:08,839
and welcome to dr. Reggie reports are

647
00:26:06,440 --> 00:26:11,240
you feeling blocked up and bloated /

648
00:26:08,839 --> 00:26:13,909
tired and stressed digestive system not

649
00:26:11,240 --> 00:26:15,710
functioning optimally one of the many

650
00:26:13,910 --> 00:26:17,808
physical symptoms resulting from a

651
00:26:15,710 --> 00:26:21,319
poorly functioning digestive system is

652
00:26:17,808 --> 00:26:22,879
the production of a lot of earwax now

653
00:26:21,319 --> 00:26:25,579
there is an easy way to flush your

654
00:26:22,880 --> 00:26:28,700
system of excess earwax whilst detoxing

655
00:26:25,579 --> 00:26:32,178
and relaxing all at the same time ear

656

00:26:28,700 --> 00:26:33,798
candles people are for you now today on

657
00:26:32,179 --> 00:26:35,900
dr. Rachel reports I'm going to be

658
00:26:33,798 --> 00:26:38,569
talking about one of the most ridiculous

659
00:26:35,900 --> 00:26:40,880
preposterous and insane forms of

660
00:26:38,569 --> 00:26:45,200
alternative medicine known as ear

661
00:26:40,880 --> 00:26:47,600
candles this modality encompasses just

662
00:26:45,200 --> 00:26:50,029
about every stupid misconception of CAM

663
00:26:47,599 --> 00:26:52,819
defies the laws of science in every

664
00:26:50,029 --> 00:26:56,119
possible way and above all is really

665
00:26:52,819 --> 00:26:57,829
really stupid now most of us would

666
00:26:56,119 --> 00:26:59,719
remember our mothers telling us not to

667
00:26:57,829 --> 00:27:02,359
put anything in our ears smaller than

668
00:26:59,720 --> 00:27:04,669
our elbows right well I don't remember

669
00:27:02,359 --> 00:27:07,279
if my mom ever mentioned not to put

670
00:27:04,669 --> 00:27:09,320

burning sticks in my ears but then why

671

00:27:07,279 --> 00:27:12,168

would she I think she knew I was not

672

00:27:09,319 --> 00:27:14,629

that stupid well she was certainly right

673

00:27:12,169 --> 00:27:16,190

about me I'm certainly not about to put

674

00:27:14,630 --> 00:27:17,870

burning sticks in my ears but

675

00:27:16,190 --> 00:27:21,860

unfortunately the same cannot be said

676

00:27:17,869 --> 00:27:24,019

for other people so what is ear candling

677

00:27:21,859 --> 00:27:27,678

if you haven't heard of this prepared to

678

00:27:24,019 --> 00:27:29,629

be shocked an ear candle air cone or

679

00:27:27,679 --> 00:27:32,809

hoppy ear candle and some of them are

680

00:27:29,630 --> 00:27:35,090

non is an arrow hollow cone reminiscent

681

00:27:32,808 --> 00:27:37,160

of a household candle that has been

682

00:27:35,089 --> 00:27:39,949

soaked in beeswax or paraffin and

683

00:27:37,160 --> 00:27:42,169

allowed to harden the process of ear

684

00:27:39,950 --> 00:27:44,360

candling involves the patient lying on

685
00:27:42,169 --> 00:27:46,640
his or her side while someone else

686
00:27:44,359 --> 00:27:49,129
inserts the point of the candle inside

687
00:27:46,640 --> 00:27:51,559
your ear then the top of the candle is

688
00:27:49,130 --> 00:27:54,350
lit on fire and left to burn for up to

689
00:27:51,558 --> 00:27:56,329
15 minutes and the health claim most

690
00:27:54,349 --> 00:27:58,969
often made for ear candling is that the

691
00:27:56,329 --> 00:28:00,740
flame creates warmth and suction which

692
00:27:58,970 --> 00:28:03,829
is apparently supposed to draw ear wax

693
00:28:00,740 --> 00:28:05,390
out of the ear canal proponents say the

694
00:28:03,829 --> 00:28:07,490
evidence for this is in the candle

695
00:28:05,390 --> 00:28:08,090
itself because when you have finished

696
00:28:07,490 --> 00:28:10,640
can

697
00:28:08,089 --> 00:28:13,609
you cut open the candle at the bottom to

698
00:28:10,640 --> 00:28:16,250
expose the brown waxy mush and they

699
00:28:13,609 --> 00:28:17,719
claim this as earwax as well as toxins

700
00:28:16,250 --> 00:28:20,720
that have been sucked out of your ear

701
00:28:17,720 --> 00:28:22,759
during the process proponents also say

702
00:28:20,720 --> 00:28:25,069
that ear candling can cure a wide range

703
00:28:22,759 --> 00:28:27,859
of medical problems including ear aches

704
00:28:25,069 --> 00:28:32,000
headaches sinus pain and infections

705
00:28:27,859 --> 00:28:34,399
sinus pressure tinnitus vertigo it can

706
00:28:32,000 --> 00:28:36,798
also remove impurities from the passages

707
00:28:34,400 --> 00:28:38,690
by drawing excess yeast fungus and

708
00:28:36,798 --> 00:28:41,950
bacteria from the sinuses and lymph

709
00:28:38,690 --> 00:28:45,320
glands and even revitalize the chakras

710
00:28:41,950 --> 00:28:47,450
yet absolutely none of this is true just

711
00:28:45,319 --> 00:28:49,418
so we know where we stand with each

712
00:28:47,450 --> 00:28:53,679
other at this point I wish to reiterate

713

00:28:49,419 --> 00:28:57,860
one ear candles are dangerous and stupid

714
00:28:53,679 --> 00:29:00,528
too they do more harm than good three

715
00:28:57,859 --> 00:29:03,589
they will not remove wax from your ears

716
00:29:00,528 --> 00:29:06,829
for in some cases they have actually

717
00:29:03,589 --> 00:29:08,509
deposited wax in people's ears and I'm

718
00:29:06,829 --> 00:29:11,210
almost embarrassed to tell you listeners

719
00:29:08,509 --> 00:29:13,490
that good science from proper scientists

720
00:29:11,210 --> 00:29:15,740
and doctors has been wasted testing

721
00:29:13,490 --> 00:29:18,019
these things and despite the evidence

722
00:29:15,740 --> 00:29:20,329
that they are well in that they do more

723
00:29:18,019 --> 00:29:22,700
harm than good camp people continue to

724
00:29:20,329 --> 00:29:24,889
buy them and use them now the seminal

725
00:29:22,700 --> 00:29:27,590
study on the safety and efficacy of ear

726
00:29:24,890 --> 00:29:31,820
candles comes from Celia tell and was

727
00:29:27,589 --> 00:29:33,678

published in laryngoscope in 1996 the

728

00:29:31,819 --> 00:29:35,359

authors were particularly interested in

729

00:29:33,679 --> 00:29:38,840

the claim that the candles create a

730

00:29:35,359 --> 00:29:41,298

vacuum as proponents said so they used a

731

00:29:38,839 --> 00:29:43,158

pressure measuring device to measure

732

00:29:41,298 --> 00:29:45,558

whether changes in pressure occurred

733

00:29:43,159 --> 00:29:47,690

during the duration of the burn they

734

00:29:45,558 --> 00:29:50,210

conducted 20 trials with two different

735

00:29:47,690 --> 00:29:52,130

types of candles and reported no

736

00:29:50,210 --> 00:29:54,829

negative pressure at any point during

737

00:29:52,130 --> 00:29:57,080

the trial they also conducted a clinical

738

00:29:54,829 --> 00:29:59,928

trial as part of this study involving

739

00:29:57,079 --> 00:30:02,569

four people two of which had ear wax and

740

00:29:59,929 --> 00:30:04,580

two who did not and they reported that

741

00:30:02,569 --> 00:30:06,908

the candles did not remove earwax as

742
00:30:04,579 --> 00:30:09,769
proposed and in fact in some cases

743
00:30:06,909 --> 00:30:12,020
candle wax was actually deposited in the

744
00:30:09,769 --> 00:30:15,679
patient's ears the authors of this study

745
00:30:12,019 --> 00:30:18,740
also conducted a survey of 122 ear nose

746
00:30:15,679 --> 00:30:21,470
and throat specialists and found 21

747
00:30:18,740 --> 00:30:22,039
cases of serious injury caused by ear

748
00:30:21,470 --> 00:30:24,860
candle

749
00:30:22,039 --> 00:30:27,799
in six of these cases patients

750
00:30:24,859 --> 00:30:29,509
temporarily lost their hearing and other

751
00:30:27,799 --> 00:30:33,319
problems reported among the group

752
00:30:29,509 --> 00:30:35,269
included certain cases of burns seven

753
00:30:33,319 --> 00:30:38,089
cases where the wax from the candle had

754
00:30:35,269 --> 00:30:41,750
blocked the ear canal and one case of a

755
00:30:38,089 --> 00:30:43,759
punctured eardrum in 2004 Ed's odd Ernst

756
00:30:41,750 --> 00:30:46,759
the professor of complementary medicine

757
00:30:43,759 --> 00:30:48,349
at the University of Exeter published a

758
00:30:46,759 --> 00:30:51,890
review article in the Journal of

759
00:30:48,349 --> 00:30:54,349
laryngology and otology entitled ear

760
00:30:51,890 --> 00:30:57,140
candles a triumph of ignorance over

761
00:30:54,349 --> 00:30:59,659
science and within this article he said

762
00:30:57,140 --> 00:31:01,640
ear candling is one of those care

763
00:30:59,660 --> 00:31:04,370
modalities that clearly does more harm

764
00:31:01,640 --> 00:31:06,530
than good its mechanism of action is

765
00:31:04,369 --> 00:31:09,709
first implausible and second

766
00:31:06,529 --> 00:31:12,500
demonstrably wrong in my view therefore

767
00:31:09,710 --> 00:31:14,960
it should be banned the website quack

768
00:31:12,500 --> 00:31:17,180
watch also published a frequently cited

769
00:31:14,960 --> 00:31:18,650
article where they illustrate the

770

00:31:17,180 --> 00:31:21,830
dangers of ear candling with the

771
00:31:18,650 --> 00:31:23,990
following stories a Canadian woman who

772
00:31:21,829 --> 00:31:26,659
experienced stuffiness in the nose and

773
00:31:23,990 --> 00:31:28,759
ear pains while scuba diving went to a

774
00:31:26,660 --> 00:31:32,330
local health food store and was referred

775
00:31:28,759 --> 00:31:34,849
to a qualified candler during their

776
00:31:32,329 --> 00:31:37,460
supposed treatment she felt an intense

777
00:31:34,849 --> 00:31:39,619
burning in her ear at the emergency room

778
00:31:37,460 --> 00:31:41,890
attempts to remove wax that had dripped

779
00:31:39,619 --> 00:31:44,689
from the candle into her eardrum failed

780
00:31:41,890 --> 00:31:47,270
surgery was required and the hole in her

781
00:31:44,690 --> 00:31:50,000
eardrum was discovered which presumably

782
00:31:47,269 --> 00:31:52,009
was caused by the procedure she

783
00:31:50,000 --> 00:31:54,319
recovered fully and luckily her hearing

784
00:31:52,009 --> 00:31:57,049

was not affected the practitioner

785

00:31:54,319 --> 00:31:59,089
involved apologized compensated the

786

00:31:57,049 --> 00:32:02,269
woman and stopped performing ear

787

00:31:59,089 --> 00:32:04,549
candling also they should in addition

788

00:32:02,269 --> 00:32:06,859
instances of significant fires

789

00:32:04,549 --> 00:32:09,500
associated with ear candling have been

790

00:32:06,859 --> 00:32:14,779
reported in Alaska one of which led to

791

00:32:09,500 --> 00:32:17,269
the users death on January 27 2005 a 59

792

00:32:14,779 --> 00:32:18,920
year old woman ignited her bedding when

793

00:32:17,269 --> 00:32:21,579
she dropped an ear candle that she was

794

00:32:18,920 --> 00:32:24,200
attempting to use without any assistance

795

00:32:21,579 --> 00:32:25,909
the candle ignited the bedding and

796

00:32:24,200 --> 00:32:28,730
quickly spread to curtains and other

797

00:32:25,910 --> 00:32:30,830
combustibles in the room the woman did

798

00:32:28,730 --> 00:32:32,509
escape the fire however but suffered an

799
00:32:30,829 --> 00:32:35,409
asthma attack and died in a hospital

800
00:32:32,509 --> 00:32:37,359
emergency room later based on this

801
00:32:35,410 --> 00:32:39,100
evidence and studies conducted by their

802
00:32:37,359 --> 00:32:41,979
own laboratories the canadian

803
00:32:39,099 --> 00:32:45,429
authorities banned ear candles from sale

804
00:32:41,980 --> 00:32:47,319
and import into canada the health canada

805
00:32:45,430 --> 00:32:49,690
website has this to say about ear

806
00:32:47,319 --> 00:32:51,669
candling the sale of this product for

807
00:32:49,690 --> 00:32:54,850
therapeutic purposes in canada is

808
00:32:51,670 --> 00:32:56,830
illegal as well both canada and the

809
00:32:54,849 --> 00:32:59,189
united states have issued directives

810
00:32:56,829 --> 00:33:01,779
that ban the importing of ear candles

811
00:32:59,190 --> 00:33:03,850
some promoters try to avoid the

812
00:33:01,779 --> 00:33:05,980
regulations by advertising that ear

813
00:33:03,849 --> 00:33:09,730
candles are for entertainment purposes

814
00:33:05,980 --> 00:33:11,140
only however health canada maintains

815
00:33:09,730 --> 00:33:12,970
that these people are selling the

816
00:33:11,140 --> 00:33:15,790
product illegally for medical purposes

817
00:33:12,970 --> 00:33:18,009
as there is no other reasonable use for

818
00:33:15,789 --> 00:33:20,409
ear candles which makes it even more

819
00:33:18,009 --> 00:33:24,099
preposterous that in Australia they are

820
00:33:20,410 --> 00:33:26,110
in fact listed with the TGA meaning they

821
00:33:24,099 --> 00:33:30,009
can be sold in pharmacies alongside

822
00:33:26,109 --> 00:33:32,229
science-based medicine this in my

823
00:33:30,009 --> 00:33:34,809
opinion is a complete failure on behalf

824
00:33:32,230 --> 00:33:37,690
of the TGA with respect to protecting

825
00:33:34,809 --> 00:33:40,089
the public from harm the Australian

826
00:33:37,690 --> 00:33:42,430
register of therapeutic goods devices

827

00:33:40,089 --> 00:33:46,149
lists thirteen different types of ear

828
00:33:42,430 --> 00:33:48,610
candles including such nonsense as the

829
00:33:46,150 --> 00:33:52,390
alternate detox spa series of ear

830
00:33:48,609 --> 00:33:54,490
candles and these from why karma natural

831
00:33:52,390 --> 00:33:57,160
health products which are described as

832
00:33:54,490 --> 00:33:59,859
to apply a single treatment of ear

833
00:33:57,160 --> 00:34:02,080
cleansing directly to the air you know

834
00:33:59,859 --> 00:34:04,329
one has to wonder what the role of this

835
00:34:02,079 --> 00:34:06,579
clearly constipated government body is

836
00:34:04,329 --> 00:34:08,309
doing in protecting the public from harm

837
00:34:06,579 --> 00:34:11,259
when they register nonsense like this

838
00:34:08,309 --> 00:34:13,389
you only need to make a cursory glance

839
00:34:11,260 --> 00:34:15,850
at pubmed where you will find multiple

840
00:34:13,389 --> 00:34:18,460
papers providing evidence that these

841
00:34:15,849 --> 00:34:20,619

things are nonsense i personally have

842

00:34:18,460 --> 00:34:23,079

had experiences with staff in pharmacies

843

00:34:20,619 --> 00:34:25,839

in australia regarding these dangerous

844

00:34:23,079 --> 00:34:27,759

devices one who told me she wouldn't

845

00:34:25,840 --> 00:34:29,970

recommend them to customers but they

846

00:34:27,760 --> 00:34:32,380

sell really well so what can you do and

847

00:34:29,969 --> 00:34:34,089

another young guy who looked at me

848

00:34:32,380 --> 00:34:36,220

blankly when i suggested that ear

849

00:34:34,090 --> 00:34:38,559

candles have no place in a pharmacy of

850

00:34:36,219 --> 00:34:40,089

course I don't expect a kid with an

851

00:34:38,559 --> 00:34:42,519

after school job to know that these

852

00:34:40,090 --> 00:34:45,130

things are a scam and worse still can

853

00:34:42,519 --> 00:34:47,019

perforate your eardrums but I do expect

854

00:34:45,130 --> 00:34:48,909

the pharmacist to know and take

855

00:34:47,019 --> 00:34:50,710

responsible actions and I

856
00:34:48,909 --> 00:34:53,619
you expect the government to not turn a

857
00:34:50,710 --> 00:34:55,449
blind eye here's an example of one ear

858
00:34:53,619 --> 00:34:57,880
candle company who have hijacked the

859
00:34:55,449 --> 00:35:00,308
history of an ancient Indian tribe to

860
00:34:57,880 --> 00:35:03,160
add legitimacy to their product the bio

861
00:35:00,309 --> 00:35:06,280
Sun company claims that their hoppy ear

862
00:35:03,159 --> 00:35:08,469
candles are based on the formula that is

863
00:35:06,280 --> 00:35:12,760
traditional to the hoppy Indians of the

864
00:35:08,469 --> 00:35:15,969
USA cotton beeswax honey sage chamomile

865
00:35:12,760 --> 00:35:17,380
and st. John's wort the hoppy who are

866
00:35:15,969 --> 00:35:20,169
renowned for their great medicinal

867
00:35:17,380 --> 00:35:22,119
knowledge collaborated with bio Sun to

868
00:35:20,170 --> 00:35:27,010
pass their formula on to the rest of the

869
00:35:22,119 --> 00:35:28,809
world well not according to vanessa

870
00:35:27,010 --> 00:35:32,170
charles who is the public relations

871
00:35:28,809 --> 00:35:34,569
officer for the hoppy Tribal Council who

872
00:35:32,170 --> 00:35:36,460
has stated more than once there is no

873
00:35:34,568 --> 00:35:39,489
such treatment within traditional hoppy

874
00:35:36,460 --> 00:35:42,579
healing practices vanessa has said that

875
00:35:39,489 --> 00:35:44,979
ear candling is quote not and has never

876
00:35:42,579 --> 00:35:47,650
been a practice conducted by the hoppy

877
00:35:44,980 --> 00:35:49,659
tribe or the hoppy people and even

878
00:35:47,650 --> 00:35:51,940
though the choppy tribe has repeatedly

879
00:35:49,659 --> 00:35:55,118
asked by our son to stop using the hoppy

880
00:35:51,940 --> 00:35:57,338
name bio son has not complied with their

881
00:35:55,119 --> 00:35:59,309
requests and continues to claim that ear

882
00:35:57,338 --> 00:36:01,808
candles originated within their tribe

883
00:35:59,309 --> 00:36:03,569
but people if I have still not convinced

884

00:36:01,809 --> 00:36:07,269
you that these are a load of nonsense

885
00:36:03,568 --> 00:36:09,759
why not become an ear canola gist yes

886
00:36:07,269 --> 00:36:12,670
you heard me right I did say ear canola

887
00:36:09,760 --> 00:36:14,619
gist you can become a certified ear

888
00:36:12,670 --> 00:36:18,220
canola gist with a correspondence course

889
00:36:14,619 --> 00:36:21,039
from the awareness Institute and quote

890
00:36:18,219 --> 00:36:23,739
perform a wonderful service to yourself

891
00:36:21,039 --> 00:36:25,299
and others this course consists of

892
00:36:23,739 --> 00:36:27,459
learning about the history of ear

893
00:36:25,298 --> 00:36:30,639
candling which is a lot of pain and

894
00:36:27,460 --> 00:36:33,750
suffering i think ear anatomy candling

895
00:36:30,639 --> 00:36:36,519
procedure cause an effect and much more

896
00:36:33,750 --> 00:36:39,489
this just goes to show that people will

897
00:36:36,519 --> 00:36:41,380
believe just about anything and i will

898
00:36:39,489 --> 00:36:43,389

leave the final word with ben goldacre

899

00:36:41,380 --> 00:36:45,760

from the bad science column and blog

900

00:36:43,389 --> 00:36:48,489

people who are so stupid that they'll by

901

00:36:45,760 --> 00:36:50,010

ear candles we I think that ear candles

902

00:36:48,489 --> 00:36:52,838

will be the least of their worries and

903

00:36:50,010 --> 00:36:55,028

if you'd like to buy a no ear candling

904

00:36:52,838 --> 00:36:57,969

t-shirt visit our t-shirt page at

905

00:36:55,028 --> 00:36:59,679

zazzle.com and to find the links and

906

00:36:57,969 --> 00:37:02,230

references for this story head to

907

00:36:59,679 --> 00:37:02,529

skeptics on TV and follow the links to

908

00:37:02,230 --> 00:37:05,230

this

909

00:37:02,530 --> 00:37:09,000

techzone blog and until next time this

910

00:37:05,230 --> 00:37:09,000

has been dr. Rachel reports

911

00:37:13,900 --> 00:37:21,430

what do you think or do you know about

912

00:37:16,730 --> 00:37:24,349

ear candles ear Candace ear candles ah

913
00:37:21,429 --> 00:37:27,349
what I know about them think about I

914
00:37:24,349 --> 00:37:29,569
think they're pretty gross in a way like

915
00:37:27,349 --> 00:37:31,519
in the sense that i don't know i need to

916
00:37:29,570 --> 00:37:33,200
maybe do one I don't know what actually

917
00:37:31,519 --> 00:37:35,090
thing I really have an opinion on your

918
00:37:33,199 --> 00:37:36,439
candles and I think it's some weird

919
00:37:35,090 --> 00:37:38,260
hippie Indian thing or they stick a

920
00:37:36,440 --> 00:37:41,539
candle in your ear and light it and

921
00:37:38,260 --> 00:37:45,170
everything goes away it's rubbish are

922
00:37:41,539 --> 00:37:46,820
they what made out of earwax these are

923
00:37:45,170 --> 00:37:48,440
actually candles people stick in their

924
00:37:46,820 --> 00:37:51,440
ears and like the ends of them yeah

925
00:37:48,440 --> 00:37:53,300
that's not cool oh but did I really do

926
00:37:51,440 --> 00:37:55,429
that yeah yeah no that's not cool at all

927
00:37:53,300 --> 00:37:58,460
listen I've been heard of it I have not

928
00:37:55,429 --> 00:38:01,190
heard of it it's yeah that's gross have

929
00:37:58,460 --> 00:38:03,320
you ever heard of ear candles or do you

930
00:38:01,190 --> 00:38:04,730
know anything about ear candles no they

931
00:38:03,320 --> 00:38:09,260
sound interesting those data type of

932
00:38:04,730 --> 00:38:11,809
firework in your ear like a roman candle

933
00:38:09,260 --> 00:38:15,050
that comes out if you what do you think

934
00:38:11,809 --> 00:38:19,039
they sound like yeah I'm really not sure

935
00:38:15,050 --> 00:38:20,810
what it what it mean to be honest is it

936
00:38:19,039 --> 00:38:24,619
they're not candles made me wax or

937
00:38:20,809 --> 00:38:30,170
something no they're not mmm so body

938
00:38:24,619 --> 00:38:32,180
would you buy that it's in cheap know

939
00:38:30,170 --> 00:38:33,500
their candles that you actually put into

940
00:38:32,179 --> 00:38:35,269
your ear and then you light at the end

941

00:38:33,500 --> 00:38:37,880
and they're supposed to draw wax out of

942
00:38:35,269 --> 00:38:39,650
your ears what do you think like that

943
00:38:37,880 --> 00:38:42,950
idea how the candles themselves made of

944
00:38:39,650 --> 00:38:44,809
wax ah yes so you put wax in your year

945
00:38:42,949 --> 00:38:47,569
to get wax out of your ears that is it

946
00:38:44,809 --> 00:38:50,269
right kind of what happens here I don't

947
00:38:47,570 --> 00:38:53,960
understand the scientific basis behind

948
00:38:50,269 --> 00:38:55,759
that or if there is any and personally I

949
00:38:53,960 --> 00:38:58,579
don't think I'd try that myself it

950
00:38:55,760 --> 00:39:01,310
sounds a bit bit out there and a bit

951
00:38:58,579 --> 00:39:03,019
like golden people might might go for it

952
00:39:01,309 --> 00:39:05,420
but it doesn't sound like really work

953
00:39:03,019 --> 00:39:09,019
for me what do you think about putting a

954
00:39:05,420 --> 00:39:11,119
lit flare next to your hair oh if you've

955
00:39:09,019 --> 00:39:13,099

seen my hair it's pretty beautiful so I

956

00:39:11,119 --> 00:39:15,920

would I would never do that myself and

957

00:39:13,099 --> 00:39:17,079

I'd ever have had one from my experience

958

00:39:15,920 --> 00:39:19,510

the lighter in my hair

959

00:39:17,079 --> 00:39:21,369

no I would do it what about Bon Jovi

960

00:39:19,510 --> 00:39:24,340

you're a big fan of my Sophie Mitch I

961

00:39:21,369 --> 00:39:26,409

mean they have lots of pyrotechnics I'm

962

00:39:24,340 --> 00:39:28,660

pretty sure on David actually have

963

00:39:26,409 --> 00:39:30,730

insurance policies taken out on Bon

964

00:39:28,659 --> 00:39:32,409

Jovi's here because it's so beautiful so

965

00:39:30,730 --> 00:39:34,090

I think they have to really research

966

00:39:32,409 --> 00:39:37,989

stuff before they depart technics need

967

00:39:34,090 --> 00:39:42,730

near that hand okay focus Mitch ear

968

00:39:37,989 --> 00:39:46,000

candles yeah um imagine maybe the

969

00:39:42,730 --> 00:39:49,179

candles that out sort of bent 90 degrees

970
00:39:46,000 --> 00:39:51,610
so you can stick them in tears and you

971
00:39:49,179 --> 00:39:53,259
could like them and then they've never

972
00:39:51,610 --> 00:39:56,559
to act like you know one of those helmet

973
00:39:53,260 --> 00:39:58,930
with the with a light thing in front

974
00:39:56,559 --> 00:40:01,289
window caving maybe no that's what

975
00:39:58,929 --> 00:40:06,159
people used to use before they invented

976
00:40:01,289 --> 00:40:08,320
like mantlet elements hi I'm dr. Stefan

977
00:40:06,159 --> 00:40:10,960
Soyka for the International Institute of

978
00:40:08,320 --> 00:40:13,210
ear candling Sciences an institute I

979
00:40:10,960 --> 00:40:15,550
found it and awarded myself an honorary

980
00:40:13,210 --> 00:40:18,010
PhD for my efforts in founding the

981
00:40:15,550 --> 00:40:19,750
Institute I'm here to tell you about an

982
00:40:18,010 --> 00:40:22,030
amazing scientific breakthrough a

983
00:40:19,750 --> 00:40:23,650
fantastic new product straight for the

984
00:40:22,030 --> 00:40:25,840
International Institute of ear candling

985
00:40:23,650 --> 00:40:28,480
sciences laboratory the incredible

986
00:40:25,840 --> 00:40:31,150
atlantis nexus ear candling drip wax

987
00:40:28,480 --> 00:40:33,519
protector after hours of extensive

988
00:40:31,150 --> 00:40:36,280
research i have developed an aloe vera

989
00:40:33,519 --> 00:40:39,340
infused crystal aligned astrologically

990
00:40:36,280 --> 00:40:41,650
sound an ultra non-toxic sheet of

991
00:40:39,340 --> 00:40:44,530
cardboard that fits snugly around the

992
00:40:41,650 --> 00:40:46,630
ear and protects your face hair third

993
00:40:44,530 --> 00:40:48,670
eye and upper chakras for the

994
00:40:46,630 --> 00:40:51,460
potentially life-threatening byproduct

995
00:40:48,670 --> 00:40:53,590
of ear candling hot wax we have

996
00:40:51,460 --> 00:40:55,510
conducted extensive anecdote gathering

997
00:40:53,590 --> 00:40:57,670
on the product and already the results

998

00:40:55,510 --> 00:40:59,860
are simply astounding we have had

999
00:40:57,670 --> 00:41:02,260
reports of clear thinking astral

1000
00:40:59,860 --> 00:41:04,630
travelling deep tissue realignment and

1001
00:41:02,260 --> 00:41:06,910
bedsore reduction after just a few

1002
00:41:04,630 --> 00:41:08,800
sessions I personally have found the

1003
00:41:06,909 --> 00:41:10,869
Atlantis nexus ear candling drip wax

1004
00:41:08,800 --> 00:41:12,880
protector to be of great benefit during

1005
00:41:10,869 --> 00:41:15,279
the more intense ich addling sessions

1006
00:41:12,880 --> 00:41:16,590
when past lives are dredged up and

1007
00:41:15,280 --> 00:41:18,720
through the healing process

1008
00:41:16,590 --> 00:41:21,030
uncontrollable shaking can occur

1009
00:41:18,719 --> 00:41:23,159
even with the most experienced Reiki

1010
00:41:21,030 --> 00:41:26,340
practitioner on hand wax can go

1011
00:41:23,159 --> 00:41:28,379
everywhere but not anymore ear candling

1012
00:41:26,340 --> 00:41:30,599

has never been safer with the new

1013

00:41:28,380 --> 00:41:33,329

international institute of ear candling

1014

00:41:30,599 --> 00:41:35,789

sizes atlantis nexus ear candling drip

1015

00:41:33,329 --> 00:41:38,190

protector a life of pure health and

1016

00:41:35,789 --> 00:41:40,679

abundance awaits you as you realize your

1017

00:41:38,190 --> 00:41:43,108

full Universal potential with a lit

1018

00:41:40,679 --> 00:41:48,690

candle shoved in your ear order now at

1019

00:41:43,108 --> 00:41:50,579

only 179 dollars 95 plus postage on w WH

1020

00:41:48,690 --> 00:41:53,789

National Institute of ear candling

1021

00:41:50,579 --> 00:41:57,719

Sciences org slash Atlantis Nexus ear

1022

00:41:53,789 --> 00:42:00,840

candling drip protector / order form / ?

1023

00:41:57,719 --> 00:42:03,659

IP detect / trawl computer for username

1024

00:42:00,840 --> 00:42:06,930

and passwords / auto add to mailing list

1025

00:42:03,659 --> 00:42:09,809

/ PayPal redirect / confirm order now

1026

00:42:06,929 --> 00:42:14,000

dot HTML and let your next ear candling

1027
00:42:09,809 --> 00:42:14,000
session transform your very existence

1028
00:42:16,869 --> 00:42:20,960
hello my name is my koala hand and

1029
00:42:19,429 --> 00:42:22,940
welcome to the roundup where I share

1030
00:42:20,960 --> 00:42:25,099
news and views of all interest skeptics

1031
00:42:22,940 --> 00:42:28,159
humanists secularists and followers of

1032
00:42:25,099 --> 00:42:29,960
the flying spaghetti monster my first

1033
00:42:28,159 --> 00:42:31,969
story is about the vapid British pop

1034
00:42:29,960 --> 00:42:33,740
star robbie williams this isn't the

1035
00:42:31,969 --> 00:42:35,959
first time I've mentioned this king of

1036
00:42:33,739 --> 00:42:38,119
shrill and shallow pop music Robbie

1037
00:42:35,960 --> 00:42:40,220
Williams is fascinated by aliens from

1038
00:42:38,119 --> 00:42:42,409
outer space and often goes on UFO

1039
00:42:40,219 --> 00:42:44,449
spotting camping trips you'll be

1040
00:42:42,409 --> 00:42:46,730
immensely pleased to know the Australian

1041
00:42:44,449 --> 00:42:48,500
pop singer Peter Andre well known for

1042
00:42:46,730 --> 00:42:50,750
his absolutely annoying single

1043
00:42:48,500 --> 00:42:53,869
mysterious girl is going to team up with

1044
00:42:50,750 --> 00:42:55,550
Robbie to hunt for aliens Peter Andre's

1045
00:42:53,869 --> 00:42:58,069
said to a British newspaper quote

1046
00:42:55,550 --> 00:43:00,260
Robbie's a great guy we've already been

1047
00:42:58,070 --> 00:43:02,420
texting about meeting up I'm going to

1048
00:43:00,260 --> 00:43:04,760
look for aliens and UFOs with him I'm

1049
00:43:02,420 --> 00:43:07,670
obsessed about them and gutted I've not

1050
00:43:04,760 --> 00:43:11,590
seen one yet and quote the world eagerly

1051
00:43:07,670 --> 00:43:11,590
awaits to hear of their discoveries

1052
00:43:16,650 --> 00:43:22,119
on the subject of outer space aliens

1053
00:43:19,420 --> 00:43:24,070
cult sci-fi comedy red dwarf is going to

1054
00:43:22,119 --> 00:43:26,589
return to TV screens for a special

1055

00:43:24,070 --> 00:43:29,860
two-part series more than 20 years after

1056
00:43:26,590 --> 00:43:34,480
was first aired the show ran for eight

1057
00:43:29,860 --> 00:43:36,820
seasons on the BBC from 1988 until 1999

1058
00:43:34,480 --> 00:43:39,639
the new episodes will be screened over

1059
00:43:36,820 --> 00:43:41,710
the Easter weekend in the UK the new

1060
00:43:39,639 --> 00:43:43,509
episodes written by co-created Doug

1061
00:43:41,710 --> 00:43:45,789
Naylor and featuring all the original

1062
00:43:43,510 --> 00:43:48,130
cast will see Dave Lister the last

1063
00:43:45,789 --> 00:43:50,170
living human and the hopeless crew of

1064
00:43:48,130 --> 00:43:52,210
the spaceship red dwarf returning to

1065
00:43:50,170 --> 00:43:54,220
earth there will also be a

1066
00:43:52,210 --> 00:43:56,470
behind-the-scenes special and an

1067
00:43:54,219 --> 00:43:59,529
unplugged episode with no sets no

1068
00:43:56,469 --> 00:44:01,569
effects and no cue cards the programme

1069
00:43:59,530 --> 00:44:03,820

attracted about eight million viewers at

1070

00:44:01,570 --> 00:44:06,480

its peak and was broadcast in more than

1071

00:44:03,820 --> 00:44:06,480

25 countries

1072

00:44:12,949 --> 00:44:18,839

my next story is courtesy of mark bunker

1073

00:44:15,989 --> 00:44:20,759

creator of z new TV com a website that

1074

00:44:18,840 --> 00:44:22,858

exposes the illegal actions and

1075

00:44:20,760 --> 00:44:26,070

fraudulent activities perpetuated by the

1076

00:44:22,858 --> 00:44:28,139

Church of Scientology no doubt you have

1077

00:44:26,070 --> 00:44:29,820

heard of nancy cartwright she is best

1078

00:44:28,139 --> 00:44:32,099

known for providing the voice of bart

1079

00:44:29,820 --> 00:44:35,880

simpson and various other characters in

1080

00:44:32,099 --> 00:44:37,650

the animated sitcom The Simpsons what

1081

00:44:35,880 --> 00:44:39,090

you may not know is that she has been a

1082

00:44:37,650 --> 00:44:42,358

dedicated member of the Church of

1083

00:44:39,090 --> 00:44:44,730

Scientology since 1989 she actually

1084
00:44:42,358 --> 00:44:47,759
donated a massive 10 million dollars to

1085
00:44:44,730 --> 00:44:50,639
Scientology in 2007 she is currently

1086
00:44:47,760 --> 00:44:53,640
using her bart simpson voice to promote

1087
00:44:50,639 --> 00:44:55,049
a scientology event in a robo call for

1088
00:44:53,639 --> 00:44:57,449
australian listeners this is an

1089
00:44:55,050 --> 00:44:59,190
automated telemarketing phone call that

1090
00:44:57,449 --> 00:45:03,559
uses a computer delivered recorded

1091
00:44:59,190 --> 00:45:08,460
message this is the recorded message

1092
00:45:03,559 --> 00:45:10,139
abbot a man this is bad Simpson just

1093
00:45:08,460 --> 00:45:11,880
kidding don't end up this is nancy

1094
00:45:10,139 --> 00:45:14,730
cartwright and this is a very special

1095
00:45:11,880 --> 00:45:17,250
phone call to you I'm now auditing on

1096
00:45:14,730 --> 00:45:19,139
new OT seven and have been asked to

1097
00:45:17,250 --> 00:45:22,230
speak at the flag World Tour event on

1098
00:45:19,139 --> 00:45:24,980
January 31st in the Grand Ballroom at

1099
00:45:22,230 --> 00:45:29,429
the hollywood & highland center at 630pm

1100
00:45:24,980 --> 00:45:31,500
it's going to be a blast man I will be

1101
00:45:29,429 --> 00:45:33,569
there to share my many wins and solo das

1102
00:45:31,500 --> 00:45:35,880
auditor and to see the Golden Arrow

1103
00:45:33,570 --> 00:45:38,250
still presentation of flag the mecca of

1104
00:45:35,880 --> 00:45:40,950
technical perfection I hope you can make

1105
00:45:38,250 --> 00:45:43,710
it man to confirm for the flag event

1106
00:45:40,949 --> 00:45:49,409
please call us back at eight eight eight

1107
00:45:43,710 --> 00:45:54,389
eight four 1713 one that's eight eight

1108
00:45:49,409 --> 00:45:56,599
eight eight four 1713 one see you there

1109
00:45:54,389 --> 00:45:56,599
man

1110
00:45:58,599 --> 00:46:02,599
creepy isn't it I'm sure the Simpsons

1111
00:46:01,369 --> 00:46:03,889
creator Matt Groening wouldn't

1112

00:46:02,599 --> 00:46:06,079
appreciate having one of his most

1113
00:46:03,889 --> 00:46:08,359
popular characters used to promote this

1114
00:46:06,079 --> 00:46:10,819
highly controversial cult was this

1115
00:46:08,360 --> 00:46:13,160
vetoed by Fox if not nancy cartwright

1116
00:46:10,820 --> 00:46:14,990
may have violated her contract I'm

1117
00:46:13,159 --> 00:46:17,960
certain the fans of The Simpsons would

1118
00:46:14,989 --> 00:46:19,639
agree if Bart Simpson really existed he

1119
00:46:17,960 --> 00:46:25,550
would be the last person to show support

1120
00:46:19,639 --> 00:46:27,379
for Scientology an incredibly brave

1121
00:46:25,550 --> 00:46:29,240
Sunshine Coast woman has blamed the

1122
00:46:27,380 --> 00:46:31,280
brisbane christian fellowship for

1123
00:46:29,239 --> 00:46:33,789
breaking up her family and has called

1124
00:46:31,280 --> 00:46:36,350
for a Senate inquiry into cult churches

1125
00:46:33,789 --> 00:46:38,840
helen pommery has been divorced by her

1126
00:46:36,349 --> 00:46:40,239

husband of 30 years and cut off from her

1127

00:46:38,840 --> 00:46:42,710

two children and three grandchildren

1128

00:46:40,239 --> 00:46:46,269

since she was excommunicated from the

1129

00:46:42,710 --> 00:46:49,159

brisbane christian fellowship in 2001

1130

00:46:46,269 --> 00:46:51,110

she was given a week to leave home after

1131

00:46:49,159 --> 00:46:53,059

refusing to submit to the orders of her

1132

00:46:51,110 --> 00:46:55,099

husband and other Brisbane Christian

1133

00:46:53,059 --> 00:46:56,929

Fellowship elders who had banned her

1134

00:46:55,099 --> 00:46:58,610

from contacting a daughter who had

1135

00:46:56,929 --> 00:47:01,759

already been excommunicated from the

1136

00:46:58,610 --> 00:47:03,829

church miss palmer e wants a once

1137

00:47:01,760 --> 00:47:05,780

proposed senate inquiry into the

1138

00:47:03,829 --> 00:47:08,329

right-wing religious sect the exclusive

1139

00:47:05,780 --> 00:47:10,280

brethren to go ahead and to include the

1140

00:47:08,329 --> 00:47:11,989

brisbane Christian Fellowship miss

1141
00:47:10,280 --> 00:47:13,790
palmer e said the brisbane Christian

1142
00:47:11,989 --> 00:47:16,609
Fellowship which is a part of the

1143
00:47:13,789 --> 00:47:18,860
network of 25 churches uses abusive

1144
00:47:16,610 --> 00:47:20,840
tactics to maintain control over members

1145
00:47:18,860 --> 00:47:23,390
and was responsible for destroying

1146
00:47:20,840 --> 00:47:25,490
families laughably the Brisbane

1147
00:47:23,389 --> 00:47:28,639
Christian Fellowship claims to promote

1148
00:47:25,489 --> 00:47:30,889
sound family relationships she has also

1149
00:47:28,639 --> 00:47:32,750
said organizations such as the Brisbane

1150
00:47:30,889 --> 00:47:35,269
Christian Fellowship were granted

1151
00:47:32,750 --> 00:47:36,829
government concessions as churches but

1152
00:47:35,269 --> 00:47:39,250
were not subject to regulation or

1153
00:47:36,829 --> 00:47:41,539
answerable to any external Authority I

1154
00:47:39,250 --> 00:47:43,429
commend an admirer Mizpah Murray for

1155
00:47:41,539 --> 00:47:45,199
standing up and exposing the abuses that

1156
00:47:43,429 --> 00:47:47,539
are perpetuated within these destructive

1157
00:47:45,199 --> 00:47:49,339
groups one wonders if our politicians

1158
00:47:47,539 --> 00:47:52,690
will ever address the abuses of these

1159
00:47:49,340 --> 00:47:52,690
dubious religious factions

1160
00:47:53,960 --> 00:47:59,519
hi this is Richard Saunders thanks to

1161
00:47:57,389 --> 00:48:01,799
the generosity of listeners like you I'm

1162
00:47:59,519 --> 00:48:04,469
able to supply my reporters with digital

1163
00:48:01,800 --> 00:48:06,390
recording equipment in fact I'm bidding

1164
00:48:04,469 --> 00:48:08,549
on some of the moment if you care to

1165
00:48:06,389 --> 00:48:12,809
make a donation if you like the show of

1166
00:48:08,550 --> 00:48:15,180
course go to ww skeptic zone TV and

1167
00:48:12,809 --> 00:48:17,219
click the paypal button we really

1168
00:48:15,179 --> 00:48:19,589
appreciate it and your money goes a long

1169

00:48:17,219 --> 00:48:27,269
way and helps us a great deal thanks

1170
00:48:19,590 --> 00:48:34,829
very much join us now for drinking

1171
00:48:27,269 --> 00:48:36,420
skeptically in the think tank well here

1172
00:48:34,829 --> 00:48:41,340
we are once again in the think tank

1173
00:48:36,420 --> 00:48:44,010
cheers everybody cheers think and i'd

1174
00:48:41,340 --> 00:48:45,840
like to welcome dr. rachel Dunlop hello

1175
00:48:44,010 --> 00:48:48,780
Richard how are you hello Rachael and

1176
00:48:45,840 --> 00:48:51,360
Tiffany day hello Richard a new skeptic

1177
00:48:48,780 --> 00:48:53,700
zone member Iran segev hello Iran hello

1178
00:48:51,360 --> 00:48:56,640
it's great that you could join us in the

1179
00:48:53,699 --> 00:48:58,500
old club here our new club in fact when

1180
00:48:56,639 --> 00:49:00,719
your club new club which is working out

1181
00:48:58,500 --> 00:49:02,250
pretty well I think yeah it's okay sorry

1182
00:49:00,719 --> 00:49:07,439
I ain't rich pretty good here each other

1183
00:49:02,250 --> 00:49:09,480

isn't it yes it's really great so oh I

1184

00:49:07,440 --> 00:49:11,760
enjoyed Mike what was it corned beef for

1185

00:49:09,480 --> 00:49:15,929
some corned beef and white sauce classic

1186

00:49:11,760 --> 00:49:18,300
oldies oldies yeah okay with is he all

1187

00:49:15,929 --> 00:49:20,789
the old peoples we are in RSL so you

1188

00:49:18,300 --> 00:49:23,100
have to expect that kind of thing well

1189

00:49:20,789 --> 00:49:24,960
before we get stuck into the the stories

1190

00:49:23,099 --> 00:49:26,969
on the old think tank today a couple of

1191

00:49:24,960 --> 00:49:30,920
things I'd like to mention there's a new

1192

00:49:26,969 --> 00:49:35,489
blog being set up called mind-body

1193

00:49:30,920 --> 00:49:37,260
wallet oh wow my buddy whoa now if you

1194

00:49:35,489 --> 00:49:40,379
would like to contribute Saul about anti

1195

00:49:37,260 --> 00:49:43,380
quackery and if you've been itching to

1196

00:49:40,380 --> 00:49:45,030
have your opinions on quackery expressed

1197

00:49:43,380 --> 00:49:48,559
on the web and you haven't got around to

1198
00:49:45,030 --> 00:49:51,160
it yet you can write to anti quackery @

1199
00:49:48,559 --> 00:49:53,199
gmail.com

1200
00:49:51,159 --> 00:49:56,859
and you could be part of the new blog

1201
00:49:53,199 --> 00:49:58,299
mind bunny wallet dot blog spot.com I

1202
00:49:56,860 --> 00:49:59,349
think I'll have to get in touch with him

1203
00:49:58,300 --> 00:50:01,720
because I've got a few issues with

1204
00:49:59,349 --> 00:50:04,150
alternative medicine yes I do you add to

1205
00:50:01,719 --> 00:50:06,789
that as we heard earlier in the shackles

1206
00:50:04,150 --> 00:50:08,349
now another thing to mention is I've

1207
00:50:06,789 --> 00:50:12,070
been enjoying immensely and we've had

1208
00:50:08,349 --> 00:50:17,679
some ads for this particular podcast

1209
00:50:12,070 --> 00:50:19,809
humbug humbug 101 now that's because

1210
00:50:17,679 --> 00:50:21,639
it's really interesting it is it really

1211
00:50:19,809 --> 00:50:23,380
is really good information about logical

1212
00:50:21,639 --> 00:50:25,480
fallacies and this is stuff that we

1213
00:50:23,380 --> 00:50:28,809
should know automatically which I don't

1214
00:50:25,480 --> 00:50:30,190
I'm embarrassed to say a lot of logical

1215
00:50:28,809 --> 00:50:32,980
fallacies I'm still learning how to

1216
00:50:30,190 --> 00:50:35,380
identify them and everything but do

1217
00:50:32,980 --> 00:50:40,719
listen to the podcast you can find that

1218
00:50:35,380 --> 00:50:42,579
at ww skeptics field guide net it is a

1219
00:50:40,719 --> 00:50:44,289
really good podcast I'm enjoying it

1220
00:50:42,579 --> 00:50:46,569
immensely they interviewed a psychic a

1221
00:50:44,289 --> 00:50:48,820
couple of interviews a podcast ago

1222
00:50:46,570 --> 00:50:50,440
they've also released a book having a

1223
00:50:48,820 --> 00:50:54,970
Richard they even buy at that website

1224
00:50:50,440 --> 00:50:57,010
you can indeed the humbug book again

1225
00:50:54,969 --> 00:50:58,509
full of how to spot logical fallacies

1226

00:50:57,010 --> 00:51:02,050
and something every skeptic should know

1227
00:50:58,510 --> 00:51:06,490
I think sounds good doesn't it doesn't

1228
00:51:02,050 --> 00:51:09,490
do and while i'm on a roll thank you

1229
00:51:06,489 --> 00:51:11,679
thank you very much good alcohol friend

1230
00:51:09,489 --> 00:51:13,359
Fred Bremer in Vancouver Canada who got

1231
00:51:11,679 --> 00:51:16,000
that little snippet of james randi at

1232
00:51:13,360 --> 00:51:18,220
the beginning of the episode this is

1233
00:51:16,000 --> 00:51:21,159
james randi and you're listening to the

1234
00:51:18,219 --> 00:51:22,329
skeptic zone I was so good Fred hi Fred

1235
00:51:21,159 --> 00:51:24,639
thanks so much for that fred was

1236
00:51:22,329 --> 00:51:27,670
actually at a talk that james randi did

1237
00:51:24,639 --> 00:51:29,170
maneuver and after that everyone saw

1238
00:51:27,670 --> 00:51:31,420
that rates down to skeptics in the pub

1239
00:51:29,170 --> 00:51:33,639
and to their surprise I believe this is

1240
00:51:31,420 --> 00:51:36,340

the impression I got from facebook and

1241

00:51:33,639 --> 00:51:38,079

flickr Randy just turned up to have a

1242

00:51:36,340 --> 00:51:39,579

drink with them I think that's what

1243

00:51:38,079 --> 00:51:41,259

happened that's when Fred was kind

1244

00:51:39,579 --> 00:51:42,789

enough to think about thank God a little

1245

00:51:41,260 --> 00:51:44,080

soundbite of Randy which she heard at

1246

00:51:42,789 --> 00:51:46,449

the very beginning of the show today

1247

00:51:44,079 --> 00:51:49,779

it'd be nice if Randy just showed up

1248

00:51:46,449 --> 00:51:50,739

here Peter Samaras he's a clever man you

1249

00:51:49,780 --> 00:51:52,720

know

1250

00:51:50,739 --> 00:51:56,139

he's a magician maybe he can operate

1251

00:51:52,719 --> 00:51:58,480

maybe he can never maybe he can yeah you

1252

00:51:56,139 --> 00:52:01,839

haven't met James Randi yet have you no

1253

00:51:58,480 --> 00:52:04,449

no I hope to be a next time and meet him

1254

00:52:01,840 --> 00:52:06,490

finally I mean liaison with him by mail

1255
00:52:04,449 --> 00:52:08,679
but I'll ryan right he's a marvelous man

1256
00:52:06,489 --> 00:52:11,229
i mean really i mean he's friendly and

1257
00:52:08,679 --> 00:52:13,659
he's funny and he can't resist doing

1258
00:52:11,230 --> 00:52:15,460
magic tricks and the drama at the drop

1259
00:52:13,659 --> 00:52:17,949
of a magic hat you'll pull a rabbit out

1260
00:52:15,460 --> 00:52:20,170
of it it's now what do you have there

1261
00:52:17,949 --> 00:52:22,839
Rach all some very important news very

1262
00:52:20,170 --> 00:52:25,210
important news now our Australian

1263
00:52:22,840 --> 00:52:27,519
listeners would understand that the

1264
00:52:25,210 --> 00:52:28,690
significance of this and as a lot of you

1265
00:52:27,519 --> 00:52:31,329
would have heard earlier in the podcast

1266
00:52:28,690 --> 00:52:33,639
it was Australia Day on Monday here and

1267
00:52:31,329 --> 00:52:35,440
as a part of Australia Day we have

1268
00:52:33,639 --> 00:52:37,359
awards given out by our government the

1269
00:52:35,440 --> 00:52:39,550
who record that recognizes people that

1270
00:52:37,360 --> 00:52:42,640
have contributed to society in some way

1271
00:52:39,550 --> 00:52:46,119
or another and often a lot of sportsmen

1272
00:52:42,639 --> 00:52:49,829
are recognized or you know celebrities

1273
00:52:46,119 --> 00:52:53,440
but my dad got an award this year oh

1274
00:52:49,829 --> 00:52:58,329
yeah was fantastic my dad got an order

1275
00:52:53,440 --> 00:53:00,490
of australia medal for services he for

1276
00:52:58,329 --> 00:53:04,239
services he's given to Vietnam veterans

1277
00:53:00,489 --> 00:53:05,889
for I'm doing a lot of work in fighting

1278
00:53:04,239 --> 00:53:07,689
for their entitlements since they got

1279
00:53:05,889 --> 00:53:10,480
back from Vietnam and also for work he's

1280
00:53:07,690 --> 00:53:13,570
done helping disenfranchised and

1281
00:53:10,480 --> 00:53:16,449
delinquent youth Wow through a program

1282
00:53:13,570 --> 00:53:18,490
called Operation Flinders where he would

1283

00:53:16,449 --> 00:53:20,439
take kids in trouble or kids on the

1284
00:53:18,489 --> 00:53:23,319
street up to the bush for a week and

1285
00:53:20,440 --> 00:53:24,869
teach them about teamwork and instill

1286
00:53:23,320 --> 00:53:28,499
them with self-esteem and

1287
00:53:24,869 --> 00:53:30,630
give them a lesson in you know how to to

1288
00:53:28,498 --> 00:53:32,129
bond with people again and that program

1289
00:53:30,630 --> 00:53:34,769
is it has been incredibly successful

1290
00:53:32,130 --> 00:53:36,930
that's just amazing news I know your

1291
00:53:34,768 --> 00:53:39,929
daddy's and he's a wonderful guy and to

1292
00:53:36,929 --> 00:53:42,538
our UK listeners that's something

1293
00:53:39,929 --> 00:53:45,179
equivalent to an MBE or an over ye so

1294
00:53:42,539 --> 00:53:47,730
that's quite a high honor it is high on

1295
00:53:45,179 --> 00:53:51,659
technique he really deserves it he's

1296
00:53:47,730 --> 00:53:53,130
he's done some great stuff so yeah now

1297
00:53:51,659 --> 00:53:54,509

Tiffany something's caught your

1298

00:53:53,130 --> 00:53:56,759
attention something did catch my

1299

00:53:54,509 --> 00:53:59,670
attention today in the news Sir David

1300

00:53:56,759 --> 00:54:01,889
Attenborough you may know him famous

1301

00:53:59,670 --> 00:54:03,329
British broadcaster and naturalist has

1302

00:54:01,889 --> 00:54:06,929
been getting a lot of hate mail from

1303

00:54:03,329 --> 00:54:09,450
creationists why anybody on this planet

1304

00:54:06,929 --> 00:54:11,969
could ever send David Attenborough hate

1305

00:54:09,449 --> 00:54:16,189
mail is beyond me well apparently they

1306

00:54:11,969 --> 00:54:16,189
would love for him to burn in hell and

1307

00:54:16,248 --> 00:54:21,659
he's got a documentary series coming out

1308

00:54:18,778 --> 00:54:24,539
on Charles Darwin that is this coming

1309

00:54:21,659 --> 00:54:26,338
week in Britain oh yeah and he said that

1310

00:54:24,539 --> 00:54:28,589
it's basically the stories is expecting

1311

00:54:26,338 --> 00:54:31,710
a lot more hate mail on account of that

1312
00:54:28,588 --> 00:54:32,900
because he has a hard time with people

1313
00:54:31,710 --> 00:54:34,490
and

1314
00:54:32,900 --> 00:54:36,650
for the fact that he believes in

1315
00:54:34,489 --> 00:54:38,359
evolution know which is how it's worded

1316
00:54:36,650 --> 00:54:39,829
here it says over his belief in

1317
00:54:38,360 --> 00:54:42,710
evolution which I don't even really like

1318
00:54:39,829 --> 00:54:45,230
that too yeah belief in evolution yeah

1319
00:54:42,710 --> 00:54:50,449
something it's a sure to believe it I

1320
00:54:45,230 --> 00:54:52,460
don't believe in maths it just yes but

1321
00:54:50,449 --> 00:54:55,009
it's also tough isn't it because i think

1322
00:54:52,460 --> 00:54:56,809
i read somewhere in the UK press that

1323
00:54:55,010 --> 00:54:59,480
the creationists are angry because

1324
00:54:56,809 --> 00:55:01,400
throughout the many many years and he

1325
00:54:59,480 --> 00:55:03,170
has done nature documentaries he's never

1326
00:55:01,400 --> 00:55:05,150
attributed the beauty of the world to

1327
00:55:03,170 --> 00:55:07,610
god that's right he's never actually

1328
00:55:05,150 --> 00:55:09,440
said well thank thank the lord for

1329
00:55:07,610 --> 00:55:11,900
creating this bird but there is

1330
00:55:09,440 --> 00:55:13,610
something he does that the creationists

1331
00:55:11,900 --> 00:55:15,320
always pick up on don't know Richard and

1332
00:55:13,610 --> 00:55:16,340
one of those things is for example

1333
00:55:15,320 --> 00:55:18,470
they'll say the beauty of that

1334
00:55:16,340 --> 00:55:20,990
hummingbird that you photographed in the

1335
00:55:18,469 --> 00:55:22,639
last series and he comes back with that

1336
00:55:20,989 --> 00:55:24,889
you know about this how he responded

1337
00:55:22,639 --> 00:55:27,559
year since I've but I've heard him say

1338
00:55:24,889 --> 00:55:30,409
this on in an interview before but he

1339
00:55:27,559 --> 00:55:32,269
says Sir David Attenborough says they

1340

00:55:30,409 --> 00:55:33,769
always mean beautiful things like

1341
00:55:32,269 --> 00:55:36,139
hummingbirds will talk about the natural

1342
00:55:33,769 --> 00:55:38,960
world and God's creation and he replies

1343
00:55:36,139 --> 00:55:41,589
by saying that that he thinks of the

1344
00:55:38,960 --> 00:55:46,010
little child in East Africa with a worm

1345
00:55:41,590 --> 00:55:48,050
borrowing through its eyeball and which

1346
00:55:46,010 --> 00:55:50,030
you can take as being all the horrible

1347
00:55:48,050 --> 00:55:52,310
things that happen to people all around

1348
00:55:50,030 --> 00:55:54,710
the world that's right every national

1349
00:55:52,309 --> 00:55:56,420
though and he said yeah that worm cannot

1350
00:55:54,710 --> 00:55:58,789
live in any other way except by

1351
00:55:56,420 --> 00:56:02,360
burrowing through eyeballs hmm so how

1352
00:55:58,789 --> 00:56:04,190
can you how can it yeah kind of it's

1353
00:56:02,360 --> 00:56:05,690
cherry picking me the data in a way

1354
00:56:04,190 --> 00:56:10,340

isn't it but is it isn't it interesting

1355

00:56:05,690 --> 00:56:13,490

that the first time is it no the people

1356

00:56:10,340 --> 00:56:16,280

who are were the most venom and hatred

1357

00:56:13,489 --> 00:56:19,129

in their hearts are the fundamentalist

1358

00:56:16,280 --> 00:56:22,310

Christians who have should be living by

1359

00:56:19,130 --> 00:56:23,849

forgive turn the other cheek compassion

1360

00:56:22,309 --> 00:56:25,228

oh boy

1361

00:56:23,849 --> 00:56:28,289

another one saying I hope you burn in

1362

00:56:25,228 --> 00:56:30,629

hell yeah tortured forever yeah yeah for

1363

00:56:28,289 --> 00:56:33,119

all of eternity a bit for being a nice

1364

00:56:30,630 --> 00:56:35,099

guy basically yeah I mean he's a he's a

1365

00:56:33,119 --> 00:56:38,568

notch isn't he oh yes he's gonna do some

1366

00:56:35,099 --> 00:56:41,400

brothers old yes yeah I mean he's done

1367

00:56:38,568 --> 00:56:43,619

he's just retires retiring this year I

1368

00:56:41,400 --> 00:56:47,210

thought he had retired actually he's

1369
00:56:43,619 --> 00:56:50,249
only 82 well that's true he's just

1370
00:56:47,210 --> 00:56:52,889
rolling about two years ago he filmed

1371
00:56:50,248 --> 00:56:54,538
other um in the undergrowth flight in

1372
00:56:52,889 --> 00:56:58,048
the undergrowth oh yeah that was

1373
00:56:54,539 --> 00:57:00,150
fantastic and you know he was 79 80

1374
00:56:58,048 --> 00:57:01,978
years old crawling on the ground digging

1375
00:57:00,150 --> 00:57:04,650
young doing all those things he's

1376
00:57:01,978 --> 00:57:05,998
obviously got a lot in him no I'm

1377
00:57:04,650 --> 00:57:08,009
solutely he's so passionate and

1378
00:57:05,998 --> 00:57:10,318
enthusiastic about what he does doesn't

1379
00:57:08,009 --> 00:57:12,269
know he's just simply the best presenter

1380
00:57:10,318 --> 00:57:13,949
on for nature documentaries that's been

1381
00:57:12,268 --> 00:57:16,649
oh no you listen to the skipping zone

1382
00:57:13,949 --> 00:57:18,778
sir david so we do appreciate you and

1383
00:57:16,650 --> 00:57:21,900
heartfelt congratulations for your world

1384
00:57:18,778 --> 00:57:24,778
yes yeah is that documentary coming out

1385
00:57:21,900 --> 00:57:26,519
for Darwin's birthday it is yes this

1386
00:57:24,778 --> 00:57:29,159
year marks the 200th anniversary of

1387
00:57:26,518 --> 00:57:31,379
Darwin's birth and 150 years since his

1388
00:57:29,159 --> 00:57:34,228
most famous work the origin of species

1389
00:57:31,380 --> 00:57:37,130
hmm it was an episode of The Simpsons on

1390
00:57:34,228 --> 00:57:39,509
just the other day where they have the

1391
00:57:37,130 --> 00:57:42,798
Springfield they were forced to teach

1392
00:57:39,509 --> 00:57:44,960
the kids creationism and Lisa set up a

1393
00:57:42,798 --> 00:57:50,219
rebel group of students to learn

1394
00:57:44,960 --> 00:57:52,380
evolution I think that one's funny only

1395
00:57:50,219 --> 00:57:54,509
you and Homer had to say about it and

1396
00:57:52,380 --> 00:57:57,269
while still in the UK I've got some news

1397

00:57:54,509 --> 00:57:58,978
about some a person well I guess it's

1398
00:57:57,268 --> 00:58:01,018
kind of legislation I don't know if you

1399
00:57:58,978 --> 00:58:02,730
call it that but not the complementary

1400
00:58:01,018 --> 00:58:04,709
and natural health care council

1401
00:58:02,730 --> 00:58:09,809
in the UK announced a code of conduct

1402
00:58:04,710 --> 00:58:11,699
this week and it's designed to to create

1403
00:58:09,809 --> 00:58:13,679
regulations for alternative medicine

1404
00:58:11,699 --> 00:58:14,849
practitioners and if you don't know

1405
00:58:13,679 --> 00:58:16,909
anything about the complementary

1406
00:58:14,849 --> 00:58:19,949
Mountain National Health Care Council

1407
00:58:16,909 --> 00:58:21,690
they were established in 2008 with money

1408
00:58:19,949 --> 00:58:24,899
from the Department of Health in the UK

1409
00:58:21,690 --> 00:58:28,230
and also the King's Fund they were given

1410
00:58:24,900 --> 00:58:30,660
1.9 million pounds in total and the

1411
00:58:28,230 --> 00:58:32,880

purpose of their establishment was to

1412

00:58:30,659 --> 00:58:35,190

enhance public protection by setting

1413

00:58:32,880 --> 00:58:37,680

standards in the area of alternative

1414

00:58:35,190 --> 00:58:38,909

medicine which is great yeah so

1415

00:58:37,679 --> 00:58:41,069

basically they're supposed to be there

1416

00:58:38,909 --> 00:58:44,909

to make sure that the industry is

1417

00:58:41,070 --> 00:58:46,530

regulated but they did introduce some

1418

00:58:44,909 --> 00:58:50,730

regulation this week but it's a code of

1419

00:58:46,530 --> 00:58:52,440

conduct and it has nothing to do with

1420

00:58:50,730 --> 00:58:57,380

addressing the efficacy or effectiveness

1421

00:58:52,440 --> 00:58:59,429

of the treatments it's simply a form of

1422

00:58:57,380 --> 00:59:01,500

legislation to make sure that everyone

1423

00:58:59,429 --> 00:59:02,969

has the right certificates and that they

1424

00:59:01,500 --> 00:59:04,889

conduct themselves in the correct manner

1425

00:59:02,969 --> 00:59:06,750

and that they have insurance and that

1426
00:59:04,889 --> 00:59:09,118
they have insurance that's interesting

1427
00:59:06,750 --> 00:59:12,000
yes that's interesting why does it have

1428
00:59:09,119 --> 00:59:13,289
to have a choice yeah yeah however one

1429
00:59:12,000 --> 00:59:15,059
of the cabinets which I found quite

1430
00:59:13,289 --> 00:59:18,358
interesting was that leads it is

1431
00:59:15,059 --> 00:59:21,570
actually voluntary and secondly it costs

1432
00:59:18,358 --> 00:59:24,719
money to join it's 45 quid I know that's

1433
00:59:21,570 --> 00:59:27,570
not a lot of money but yeah it's a

1434
00:59:24,719 --> 00:59:29,459
voluntary for a start Maggie done who is

1435
00:59:27,570 --> 00:59:32,460
the co-chair of the complimentary

1436
00:59:29,460 --> 00:59:34,619
National Health Care Council she said

1437
00:59:32,460 --> 00:59:37,170
that the aim of it was to clean up the

1438
00:59:34,619 --> 00:59:39,840
industry and apparently one in five

1439
00:59:37,170 --> 00:59:42,090
people in the UK use some alternative

1440
00:59:39,840 --> 00:59:44,850
therapy clinics I'm surprised it's only

1441
00:59:42,090 --> 00:59:48,530
one in five well it's only one in fact

1442
00:59:44,849 --> 00:59:50,730
that's what she's quoted her she said um

1443
00:59:48,530 --> 00:59:53,010
but then I guess it's difficult to tell

1444
00:59:50,730 --> 00:59:54,420
is that if there's no regulation how can

1445
00:59:53,010 --> 00:59:57,170
they tell how many people that would

1446
00:59:54,420 --> 01:00:00,440
just be a survey of people

1447
00:59:57,170 --> 01:00:02,510
maybe yeah but what's going to lead me

1448
01:00:00,440 --> 01:00:06,950
to a segue but I won't go there which

1449
01:00:02,510 --> 01:00:08,839
was I'll go come on I know this story

1450
01:00:06,949 --> 01:00:11,980
that we saw on Monday on today tonight

1451
01:00:08,838 --> 01:00:15,380
about the psychic predictions for 2009

1452
01:00:11,980 --> 01:00:16,969
did anyone see that story no I've heard

1453
01:00:15,380 --> 01:00:18,470
about it if you missed it it's on my

1454

01:00:16,969 --> 01:00:21,019
youtube channel i could go to youtube

1455
01:00:18,469 --> 01:00:23,088
and go to rape gcd you'll find it it was

1456
01:00:21,019 --> 01:00:26,210
a quite a well-known psychic from

1457
01:00:23,088 --> 01:00:29,539
Australia predicting yeah you can cut

1458
01:00:26,210 --> 01:00:31,909
this out of here well she predicted lots

1459
01:00:29,539 --> 01:00:33,679
of interesting things yes but remember

1460
01:00:31,909 --> 01:00:35,328
the presenter on that story said that

1461
01:00:33,679 --> 01:00:36,940
it's estimated that there's something

1462
01:00:35,329 --> 01:00:40,010
like six million dollars spent on

1463
01:00:36,940 --> 01:00:43,338
psychics every year but we're not sure

1464
01:00:40,010 --> 01:00:45,470
if that's if that's an underestimation

1465
01:00:43,338 --> 01:00:50,298
well you only the psychic could tell him

1466
01:00:45,469 --> 01:00:53,239
exactly defense well you really you and

1467
01:00:50,298 --> 01:00:55,880
I have been to the mind-body-spirit read

1468
01:00:53,239 --> 01:00:58,159

mind-body warrant festival few times if

1469

01:00:55,880 --> 01:01:00,079

he's booth a half the booth of people

1470

01:00:58,159 --> 01:01:03,170

doing all sorts of witchcraft yes

1471

01:01:00,079 --> 01:01:05,089

witchcraft and hokum and magic and stuff

1472

01:01:03,170 --> 01:01:08,088

and you gotta wonder and there's lots of

1473

01:01:05,088 --> 01:01:11,690

money being changed hands yeah my

1474

01:01:08,088 --> 01:01:13,489

department is at the end collecting if

1475

01:01:11,690 --> 01:01:15,500

the tax department run after all sorts

1476

01:01:13,489 --> 01:01:17,088

of people pay tax department the

1477

01:01:15,500 --> 01:01:20,059

alternative of health industry and the

1478

01:01:17,088 --> 01:01:22,159

psychics are ripping you off me but go

1479

01:01:20,059 --> 01:01:24,170

investigate actually ringing ourselves

1480

01:01:22,159 --> 01:01:25,608

they're ripping us off well you're

1481

01:01:24,170 --> 01:01:28,760

absolutely right yes parents the

1482

01:01:25,608 --> 01:01:32,058

taxpayers yeah but to come back to this

1483
01:01:28,760 --> 01:01:34,280
some piece of code of conduct ms done

1484
01:01:32,059 --> 01:01:35,809
who is the co-chair said it won't take

1485
01:01:34,280 --> 01:01:38,329
long for customers to start asking

1486
01:01:35,809 --> 01:01:40,280
whether a practitioner is registered or

1487
01:01:38,329 --> 01:01:42,559
searching on our website from ones that

1488
01:01:40,280 --> 01:01:45,140
are then people will vote with their

1489
01:01:42,559 --> 01:01:47,059
feet that's actually worse they're not

1490
01:01:45,139 --> 01:01:49,190
having any system at all because what it

1491
01:01:47,059 --> 01:01:51,859
means is that it gives them legitimacy

1492
01:01:49,190 --> 01:01:55,730
similar to the listed numbers then the

1493
01:01:51,858 --> 01:01:58,219
TGA it has in Australia where medication

1494
01:01:55,730 --> 01:02:00,769
seems to be officially endorsed it's not

1495
01:01:58,219 --> 01:02:02,000
really endorse it's just listing costs a

1496
01:02:00,769 --> 01:02:02,619
little bit of money that's all you don't

1497
01:02:02,000 --> 01:02:06,190
have to provide

1498
01:02:02,619 --> 01:02:07,778
any evidence of efficacy or safety you

1499
01:02:06,190 --> 01:02:10,349
just have to say you have some evidence

1500
01:02:07,778 --> 01:02:13,329
no this is this is similar it gives them

1501
01:02:10,349 --> 01:02:15,548
legitimacy something I absolutely agree

1502
01:02:13,329 --> 01:02:20,009
with you and what it actually involves

1503
01:02:15,548 --> 01:02:22,838
is that the therapist will get a little

1504
01:02:20,009 --> 01:02:25,119
logo from the regulator with a tick that

1505
01:02:22,838 --> 01:02:26,949
they can put on their stationary their

1506
01:02:25,119 --> 01:02:28,900
promotional material and on their front

1507
01:02:26,949 --> 01:02:30,518
the front of their shop windows to

1508
01:02:28,900 --> 01:02:33,430
indicate that they have been approved so

1509
01:02:30,518 --> 01:02:35,498
they're an approved crack yes and I

1510
01:02:33,429 --> 01:02:36,788
blogged about this this week actually so

1511

01:02:35,498 --> 01:02:39,009
if you want to read all the details and

1512
01:02:36,789 --> 01:02:42,450
find the lengths people head to skeptics

1513
01:02:39,009 --> 01:02:48,248
volcom there's a little Q with a V in it

1514
01:02:42,449 --> 01:02:52,929
quack no deal with the ticketing cnh see

1515
01:02:48,248 --> 01:02:56,379
which of the radiation venom oh yeah and

1516
01:02:52,929 --> 01:02:58,239
so the thing is even EDS odd Ernst who

1517
01:02:56,380 --> 01:02:59,829
most people would have heard me carrying

1518
01:02:58,239 --> 01:03:01,689
on about every time we did this podcast

1519
01:02:59,829 --> 01:03:03,430
he's the professor of complementary

1520
01:03:01,690 --> 01:03:06,068
medicine at the University of Exeter and

1521
01:03:03,429 --> 01:03:07,868
even he said there does need to be more

1522
01:03:06,068 --> 01:03:10,119
rigor in the regulation of complementary

1523
01:03:07,869 --> 01:03:11,829
medicine however I have concerns that

1524
01:03:10,119 --> 01:03:13,568
the regulator does not have mandatory

1525
01:03:11,829 --> 01:03:16,568

powers and is not looking at the

1526

01:03:13,568 --> 01:03:19,719

efficacy of these therapies so basically

1527

01:03:16,568 --> 01:03:21,308

all you have to do to become registered

1528

01:03:19,719 --> 01:03:23,139

is demonstrate that you have the right

1529

01:03:21,309 --> 01:03:25,809

qualifications now that I have a problem

1530

01:03:23,139 --> 01:03:27,670

with that for a start because what what

1531

01:03:25,809 --> 01:03:29,170

if you're a qualified homeopathy I mean

1532

01:03:27,670 --> 01:03:31,599

basically that just meant you turned up

1533

01:03:29,170 --> 01:03:34,088

to homeopathic school and poured water

1534

01:03:31,599 --> 01:03:36,009

in a little jar gave yourself a degree

1535

01:03:34,088 --> 01:03:38,588

well are you bought it from what is what

1536

01:03:36,009 --> 01:03:40,960

is an approved on the uppity school it's

1537

01:03:38,588 --> 01:03:42,338

not defined as far as IQ can't be

1538

01:03:40,960 --> 01:03:44,759

defined they make they approve it

1539

01:03:42,338 --> 01:03:46,690

themselves then it sounds as if I what

1540
01:03:44,759 --> 01:03:49,869
qualifications you

1541
01:03:46,690 --> 01:03:51,579
be candid to me invitation to me it's

1542
01:03:49,869 --> 01:03:54,309
really open I absolutely agree with you

1543
01:03:51,579 --> 01:03:57,130
it is as I said in my blog it's just if

1544
01:03:54,309 --> 01:03:58,869
backwards they should be looking at the

1545
01:03:57,130 --> 01:04:00,690
efficacy of these things first and then

1546
01:03:58,869 --> 01:04:03,430
looking at how they've been carried out

1547
01:04:00,690 --> 01:04:05,139
but I looked into this a bit further and

1548
01:04:03,429 --> 01:04:07,960
I had a look at who's on the board of

1549
01:04:05,139 --> 01:04:10,420
the CHC just to get my dear who is

1550
01:04:07,960 --> 01:04:16,838
regulating this yeah and guess who is

1551
01:04:10,420 --> 01:04:18,639
guys who oh well it was the actual bit

1552
01:04:16,838 --> 01:04:20,380
cnh they were set up by the princes

1553
01:04:18,639 --> 01:04:22,900
foundation for Integrative Health okay

1554
01:04:20,380 --> 01:04:24,039
and that's Prince Charles charge is now

1555
01:04:22,900 --> 01:04:25,838
what do we know about his childhood

1556
01:04:24,039 --> 01:04:28,838
attitudes to alternative therapies

1557
01:04:25,838 --> 01:04:32,049
anything goes baby that's right and on

1558
01:04:28,838 --> 01:04:34,599
top of that the board Maggie done who I

1559
01:04:32,050 --> 01:04:36,280
referred to earlier she was the late air

1560
01:04:34,599 --> 01:04:40,329
of the general counsel for massage

1561
01:04:36,280 --> 01:04:41,950
therapy until June 2008 another person

1562
01:04:40,329 --> 01:04:43,690
on the board Maggie Wallace was the late

1563
01:04:41,949 --> 01:04:47,409
chair of the Council of organizations

1564
01:04:43,690 --> 01:04:49,838
register registering homeopaths what it

1565
01:04:47,409 --> 01:04:52,989
gets worse there's a woman called jenny

1566
01:04:49,838 --> 01:04:55,299
gordon and she completed her PhD in 2007

1567
01:04:52,989 --> 01:04:58,149
which focused on the use of reflexology

1568

01:04:55,300 --> 01:05:02,140
as an adjunct to care in the management

1569
01:04:58,150 --> 01:05:05,470
of childhood idiopathic constipation I'm

1570
01:05:02,139 --> 01:05:08,949
a great organization or institution gave

1571
01:05:05,469 --> 01:05:11,230
this person I could be HD I haven't

1572
01:05:08,949 --> 01:05:13,449
found that information yet Iran so it

1573
01:05:11,230 --> 01:05:20,619
could be a few in debts got an email

1574
01:05:13,449 --> 01:05:22,179
address well how you have kids how is

1575
01:05:20,619 --> 01:05:25,510
massaging their figure to help their

1576
01:05:22,179 --> 01:05:28,469
constipation can it depends where that

1577
01:05:25,510 --> 01:05:28,470
they put their dick

1578
01:05:30,039 --> 01:05:35,320
I hope I have three boys you know the

1579
01:05:32,679 --> 01:05:38,739
cookies eating all kinds of places for

1580
01:05:35,320 --> 01:05:43,680
this I cure I'm sure I don't know if

1581
01:05:38,739 --> 01:05:46,689
like someone got your boys no anyway

1582
01:05:43,679 --> 01:05:48,129

anyway I was cranky about that because

1583

01:05:46,690 --> 01:05:51,610

as I Ron Cey the Atlantic University

1584

01:05:48,130 --> 01:05:52,990

once again to a lot of nonsense so even

1585

01:05:51,610 --> 01:05:56,200

if EDS other answers cranking and I

1586

01:05:52,989 --> 01:05:59,229

think there's something wrong now I'd

1587

01:05:56,199 --> 01:06:02,109

like to give a big shout out to a good

1588

01:05:59,230 --> 01:06:05,260

friend Brian Dunning from skip toid

1589

01:06:02,110 --> 01:06:08,170

hello Brian hello hello on your podcast

1590

01:06:05,260 --> 01:06:10,030

we do it it's great I never miss an

1591

01:06:08,170 --> 01:06:14,260

episode I really like his podcast kept

1592

01:06:10,030 --> 01:06:20,650

white comedy heist it skipped ID com s k

1593

01:06:14,260 --> 01:06:24,790

EP t oh I d.com now there Bryant's

1594

01:06:20,650 --> 01:06:28,960

coming up for his 150th episode party

1595

01:06:24,789 --> 01:06:31,269

he's having a party without us oh not

1596

01:06:28,960 --> 01:06:33,059

allowed is it no that's not a party

1597
01:06:31,269 --> 01:06:35,500
unless why are we giving him a shout

1598
01:06:33,059 --> 01:06:39,009
that's because he's gonna send us all

1599
01:06:35,500 --> 01:06:41,650
airfares to come and join him oh great

1600
01:06:39,010 --> 01:06:44,440
he's really nice right it's just so good

1601
01:06:41,650 --> 01:06:46,660
no seriously folks if skip toid is a

1602
01:06:44,440 --> 01:06:48,340
fantastic podcasters it is one of the

1603
01:06:46,659 --> 01:06:51,940
best skeptical but i think it's just

1604
01:06:48,340 --> 01:06:54,010
almost as good as ours podcast out there

1605
01:06:51,940 --> 01:06:55,659
for skepticism man i'm not saying

1606
01:06:54,010 --> 01:06:56,710
anything all right i love skipped we

1607
01:06:55,659 --> 01:06:59,619
talk now if you want to find out more

1608
01:06:56,710 --> 01:07:01,000
about the 150th episode party which will

1609
01:06:59,619 --> 01:07:05,589
be held at the university the university

1610
01:07:01,000 --> 01:07:10,780
club university of california irvine go

1611
01:07:05,590 --> 01:07:12,340
to skip dude calm / party dot PHP for

1612
01:07:10,780 --> 01:07:15,550
more information where is the party

1613
01:07:12,340 --> 01:07:18,309
Richard that's going to be on the 18th

1614
01:07:15,550 --> 01:07:20,050
of April okay so there's time for our

1615
01:07:18,309 --> 01:07:23,769
listeners or brian dunning to send us

1616
01:07:20,050 --> 01:07:26,920
plane fares there is

1617
01:07:23,769 --> 01:07:29,409
good on your Brian and 150 episodes and

1618
01:07:26,920 --> 01:07:31,510
their each episode is quality son did

1619
01:07:29,409 --> 01:07:36,009
you have you heard anyone here heard his

1620
01:07:31,510 --> 01:07:37,720
men men yes yes yes I was fantastic

1621
01:07:36,010 --> 01:07:39,670
wasn't it that was that was brilliant a

1622
01:07:37,719 --> 01:07:41,649
min min light show an old Australian

1623
01:07:39,670 --> 01:07:43,840
sort of folklore thy she just wants life

1624
01:07:41,650 --> 01:07:45,579
about Australia Brian yes Brian come on

1625

01:07:43,840 --> 01:07:47,890
it's lots of stuff we should send him

1626
01:07:45,579 --> 01:07:49,900
some ideas I'm sorry I don't think he's

1627
01:07:47,889 --> 01:07:52,359
done the yeah how are you come on have

1628
01:07:49,900 --> 01:07:53,769
you done the drop bears the drop there's

1629
01:07:52,360 --> 01:07:57,210
yeah did you even know what drop bears

1630
01:07:53,769 --> 01:08:01,210
are Brian send us an email will tell you

1631
01:07:57,210 --> 01:08:03,940
I in the Black Panther and the blah oh

1632
01:08:01,210 --> 01:08:06,730
yeah that came up in episode 1 I think

1633
01:08:03,940 --> 01:08:08,740
it keeps coming up keeps going up

1634
01:08:06,730 --> 01:08:11,710
nothing for one of those Current Affair

1635
01:08:08,739 --> 01:08:14,409
shows did it show on it a few months ago

1636
01:08:11,710 --> 01:08:16,838
and they went into the whole thing where

1637
01:08:14,409 --> 01:08:18,608
there was this conspiracy of the Black

1638
01:08:16,838 --> 01:08:19,960
Panther escaped from the zoo but they

1639
01:08:18,609 --> 01:08:22,180

didn't want anyone have thrown at it so

1640

01:08:19,960 --> 01:08:24,100

they covered it all up they thought it

1641

01:08:22,180 --> 01:08:26,380

would just like died out in the wild

1642

01:08:24,100 --> 01:08:28,660

somewhere but it's like out there living

1643

01:08:26,380 --> 01:08:30,190

it's amazing to me that the the current

1644

01:08:28,659 --> 01:08:33,130

affair shows don't bother looking at

1645

01:08:30,189 --> 01:08:37,119

their own shows 10 years 20 years in the

1646

01:08:33,130 --> 01:08:39,190

past no it's debunked it or they've just

1647

01:08:37,119 --> 01:08:41,649

covered it or whatever because these

1648

01:08:39,189 --> 01:08:43,479

things just do cycles and it's amazing

1649

01:08:41,649 --> 01:08:46,119

that you're talking about the the

1650

01:08:43,479 --> 01:08:48,129

psychic predictions every year yeah

1651

01:08:46,119 --> 01:08:49,960

right but they never go bother to go

1652

01:08:48,130 --> 01:08:53,500

back and take their accuracy they don't

1653

01:08:49,960 --> 01:08:55,329

care it's not about accuracy it's not

1654
01:08:53,500 --> 01:08:57,130
about evidence yeah like there are here

1655
01:08:55,329 --> 01:08:59,439
and they're missing the missing evidence

1656
01:08:57,130 --> 01:09:01,569
it's just so classic those was an

1657
01:08:59,439 --> 01:09:03,338
article in The Telegraph it was on a

1658
01:09:01,569 --> 01:09:05,260
city morning held today but in the UK

1659
01:09:03,338 --> 01:09:08,199
Telegraph I think yesterday by Boris

1660
01:09:05,260 --> 01:09:12,789
Johnson the Mayor of London and he wrote

1661
01:09:08,199 --> 01:09:15,789
about this UK man 43 old man who hacked

1662
01:09:12,789 --> 01:09:17,528
into the Pentagon computers and the

1663
01:09:15,789 --> 01:09:19,899
Pentagon the Americans are after him

1664
01:09:17,529 --> 01:09:22,720
they want him extradited to the US and

1665
01:09:19,899 --> 01:09:23,439
the reason I've always done some objects

1666
01:09:22,720 --> 01:09:25,270
to him being

1667
01:09:23,439 --> 01:09:28,358
the u.s. because he says this guy's a

1668
01:09:25,270 --> 01:09:29,920
crackpot he the reason he hacked into

1669
01:09:28,359 --> 01:09:33,579
the Pentagon computers is because he was

1670
01:09:29,920 --> 01:09:35,529
looking for evidence of the conspiracy

1671
01:09:33,579 --> 01:09:38,588
the grand conspiracy to hide the extr

1672
01:09:35,529 --> 01:09:42,310
the fact would be encountered and aliens

1673
01:09:38,588 --> 01:09:46,469
yeah the thing is that according to this

1674
01:09:42,310 --> 01:09:48,520
man he actually found evidence

1675
01:09:46,469 --> 01:09:51,939
unfortunately it was all deleted from

1676
01:09:48,520 --> 01:09:53,440
his computer by the UFOs made out of all

1677
01:09:51,939 --> 01:09:55,599
the lizard people he because of these

1678
01:09:53,439 --> 01:09:58,859
are people's yes that isn't it

1679
01:09:55,600 --> 01:10:01,180
interesting it's always a blurry shot or

1680
01:09:58,859 --> 01:10:03,009
my camera deleted it or like we

1681
01:10:01,180 --> 01:10:05,409
discussed in the UFO special a couple of

1682

01:10:03,010 --> 01:10:07,780
weeks ago the UFOs have cancelling

1683
01:10:05,409 --> 01:10:10,149
blaring beans for beams that make you

1684
01:10:07,779 --> 01:10:12,519
sleepy or in the case of the Black

1685
01:10:10,149 --> 01:10:14,019
Panther it's usually with nothing that

1686
01:10:12,520 --> 01:10:16,480
you can the only good ones are the ones

1687
01:10:14,020 --> 01:10:19,180
who are you there's no scale looks like

1688
01:10:16,479 --> 01:10:21,759
mmm it could be any size yeah it could

1689
01:10:19,180 --> 01:10:24,730
be as big as a lion are smaller than you

1690
01:10:21,760 --> 01:10:26,500
know yeah yeah well I'm gonna keep a

1691
01:10:24,729 --> 01:10:28,299
look out my back door tonight for the

1692
01:10:26,500 --> 01:10:31,300
Black Panther I suggest our listeners do

1693
01:10:28,300 --> 01:10:35,170
too and your first and UFOs or a black

1694
01:10:31,300 --> 01:10:38,289
panther in a UFO yes black panther

1695
01:10:35,170 --> 01:10:40,600
flying a UFO who takes homeopathy yes

1696
01:10:38,289 --> 01:10:42,340

and sticks candles and there is that's

1697

01:10:40,600 --> 01:10:46,680

right don't forget that you can don't

1698

01:10:42,340 --> 01:10:46,680

forget the a canvas you can as a size

1699

01:10:46,829 --> 01:10:51,819

chickadees I like to the comedic value

1700

01:10:49,510 --> 01:10:53,890

of all the video you can't imagine you

1701

01:10:51,819 --> 01:10:55,479

can't imagine a myopathy but you can

1702

01:10:53,890 --> 01:10:58,030

imagine somebody with when you have to

1703

01:10:55,479 --> 01:11:00,339

research a 10 minute episode of dr.

1704

01:10:58,029 --> 01:11:02,769

mojee about that you get so angry that

1705

01:11:00,340 --> 01:11:04,420

you stand around your landrum we are

1706

01:11:02,770 --> 01:11:06,460

hitting the floor until your neighbors

1707

01:11:04,420 --> 01:11:09,399

you know tap the ceiling only your right

1708

01:11:06,460 --> 01:11:14,319

up there you know what you need what

1709

01:11:09,399 --> 01:11:18,609

homeopathy or you can stick it up your

1710

01:11:14,319 --> 01:11:20,198

ear thank you I like doing this episode

1711
01:11:18,609 --> 01:11:21,069
of the think tank by thanking dr. I

1712
01:11:20,198 --> 01:11:22,899
jordana think

1713
01:11:21,069 --> 01:11:25,479
you're Richard every day thank you and

1714
01:11:22,899 --> 01:11:27,009
your unsecured thank you and I'd like to

1715
01:11:25,479 --> 01:11:28,929
win with something which I hope hasn't

1716
01:11:27,010 --> 01:11:30,400
been invented or quoted before i'm gonna

1717
01:11:28,930 --> 01:11:33,970
call this saunders lure if i'm wrong

1718
01:11:30,399 --> 01:11:36,519
please let me know saunders law the more

1719
01:11:33,970 --> 01:11:40,750
bizarre the premise the more entrenched

1720
01:11:36,520 --> 01:11:43,800
the belief hmm cheers everybody yes I'm

1721
01:11:40,750 --> 01:11:43,800
profound night

1722
01:11:44,260 --> 01:11:50,239
you know what you can ask me what the

1723
01:11:47,720 --> 01:11:52,670
original what Reiki is in the original

1724
01:11:50,239 --> 01:11:54,500
language oh yes which is this isn't

1725
01:11:52,670 --> 01:11:58,060
recorder Richard you speak Ricky don't I

1726
01:11:54,500 --> 01:12:00,229
do but actually brekkie is a very old

1727
01:11:58,060 --> 01:12:01,490
technique that dates back to thousands

1728
01:12:00,229 --> 01:12:03,649
of years and the language at the time

1729
01:12:01,489 --> 01:12:05,750
was not English that's right it wasn't

1730
01:12:03,649 --> 01:12:09,399
pronounced Reiki as we are today how was

1731
01:12:05,750 --> 01:12:09,399
it pronounced and the original loan yeah

1732
01:12:16,210 --> 01:12:21,250
I I thought he was gonna say rachy

1733
01:12:41,720 --> 01:12:47,610
Stefano you've removed your ear candles

1734
01:12:44,430 --> 01:12:50,700
already open pardon now do it now no

1735
01:12:47,609 --> 01:12:52,739
sorry I can't hear you he's full of wax

1736
01:12:50,699 --> 01:12:57,840
haga you know that's been slight side

1737
01:12:52,739 --> 01:13:00,269
effects of ear candling uh wow I'm good

1738
01:12:57,840 --> 01:13:02,640
down oh good I'm glad you feel cleansed

1739

01:13:00,270 --> 01:13:06,150
and enlightened and all the rest of my

1740
01:13:02,640 --> 01:13:10,170
Kundalini my chakra is everything in my

1741
01:13:06,149 --> 01:13:12,659
astral self is aligned just like a

1742
01:13:10,170 --> 01:13:15,930
candle a little flame on top which is my

1743
01:13:12,659 --> 01:13:17,130
soul ah i see beautiful I think we've

1744
01:13:15,930 --> 01:13:19,320
got to go to the other but the other

1745
01:13:17,130 --> 01:13:21,600
side and do another podcast I think we

1746
01:13:19,319 --> 01:13:23,759
could do another great show there with

1747
01:13:21,600 --> 01:13:25,530
you at the end the mid week that the mid

1748
01:13:23,760 --> 01:13:27,570
fortnightly shows going well to the

1749
01:13:25,529 --> 01:13:29,670
little more oh sure you put together a

1750
01:13:27,569 --> 01:13:30,809
little tip it every second week and in

1751
01:13:29,670 --> 01:13:33,720
fact I'm glad you mentioned that because

1752
01:13:30,810 --> 01:13:36,120
our guest next week is none other than

1753
01:13:33,720 --> 01:13:38,880

dr. ben goldacre from the bad science

1754

01:13:36,119 --> 01:13:41,789

blog oh yeah an extended interview with

1755

01:13:38,880 --> 01:13:43,980

him where he just goes off and rate is

1756

01:13:41,789 --> 01:13:46,229

about all sorts of things in fact it's a

1757

01:13:43,979 --> 01:13:48,059

nice clear crisp interview and I'm sure

1758

01:13:46,229 --> 01:13:50,219

everybody will enjoy it Richard it's

1759

01:13:48,060 --> 01:13:52,860

been another fabulous experience being

1760

01:13:50,220 --> 01:13:54,960

here in the zone and I look forward to

1761

01:13:52,859 --> 01:13:56,429

coming back next time me too but in the

1762

01:13:54,960 --> 01:13:57,960

meantime the question is of course what

1763

01:13:56,430 --> 01:14:00,750

are we going to do all these ear candles

1764

01:13:57,960 --> 01:14:02,340

ah I've got a few letters that need

1765

01:14:00,750 --> 01:14:04,619

ceiling maybe we can do some of them

1766

01:14:02,340 --> 01:14:07,110

something there ok well another great

1767

01:14:04,619 --> 01:14:11,239

show let's come back again next time

1768
01:14:07,109 --> 01:14:11,239
I'll see you in two weeks death co I

1769
01:14:12,890 --> 01:14:18,890
you've been listening to the skeptic

1770
01:14:14,899 --> 01:14:22,699
zone visit our website at [www scripting](http://www.scripting)

1771
01:14:18,890 --> 01:14:25,630
zone TV for comments contacts and extra

1772
01:14:22,699 --> 01:14:25,630
video reports

1773
01:14:25,930 --> 01:14:31,110
skids

1774
01:14:28,448 --> 01:14:31,109
me

1775
01:14:36,829 --> 01:14:38,859
Oh

1776
01:14:43,989 --> 01:14:46,019
Oh