

**SKEPTIC  
ZONE**



**THINKING CAPS  
MUST BE WORN  
IN THIS AREA**

The  
Podcast  
from  
Australia  
for  
Science  
and  
Reason

[www.skepticzone.tv](http://www.skepticzone.tv)

1  
00:00:09,560 --> 00:00:01,969  
this is James Randi and you're listening

2  
00:00:16,220 --> 00:00:12,750  
welcome to the skeptic zone the podcast

3  
00:00:20,070 --> 00:00:16,230  
from Australia for science and reason

4  
00:00:23,660 --> 00:00:20,080  
yuria hosts Richard Saunders and Stefan

5  
00:00:30,050 --> 00:00:27,200  
Richard I'm extremely excited this week

6  
00:00:32,210 --> 00:00:30,060  
you look you know last week or week

7  
00:00:34,190 --> 00:00:32,220  
before you looked cleansed this week you

8  
00:00:36,740 --> 00:00:34,200  
look excited I'm excited you know why

9  
00:00:39,799 --> 00:00:36,750  
because this episode is going to feature

10  
00:00:43,100 --> 00:00:39,809  
ear candling my favorite medical

11  
00:00:45,290 --> 00:00:43,110  
treatment about time do ah phenomenal

12  
00:00:47,780 --> 00:00:45,300  
Richard thank you so much for finally

13  
00:00:51,860 --> 00:00:47,790

bringing the truth of this wonderful

14

00:00:53,450 --> 00:00:51,870

wonderful scientific method very sight

15

00:00:56,060 --> 00:00:53,460

of the show in fact later on in the

16

00:00:57,740 --> 00:00:56,070

episode we have dr. H she's going to be

17

00:00:59,689 --> 00:00:57,750

talking all about ear candling and then

18

00:01:02,420 --> 00:00:59,699

you come up with another one of your

19

00:01:04,430 --> 00:01:02,430

brilliant advertorials ah look I come

20

00:01:07,219 --> 00:01:04,440

from a long line of ear candling zoo oh

21

00:01:09,320 --> 00:01:07,229

yes I do we go way back and look it's a

22

00:01:11,270 --> 00:01:09,330

great great technique it's a great it's

23

00:01:12,950 --> 00:01:11,280

great movement hmm because you know

24

00:01:15,609 --> 00:01:12,960

people just you stick the candle in

25

00:01:19,280 --> 00:01:15,619

there you light it and everything

26  
00:01:21,109 --> 00:01:19,290  
everything becomes perfect and wow it's

27  
00:01:23,120 --> 00:01:21,119  
phenomenal I can't wait to hear about it

28  
00:01:25,010 --> 00:01:23,130  
what a great sure we have with ear

29  
00:01:27,530 --> 00:01:25,020  
camping this is show number 15 by the

30  
00:01:29,270 --> 00:01:27,540  
one number 15 we're knockin away with it

31  
00:01:31,490 --> 00:01:29,280  
with it with the old zone we inserted

32  
00:01:34,340 --> 00:01:31,500  
old it's an alternate and I'll chosen 15

33  
00:01:37,580 --> 00:01:34,350  
episodes old for the 30th of January Oh

34  
00:01:39,349 --> 00:01:37,590  
No 30th of jail I don't quick well for

35  
00:01:43,429 --> 00:01:39,359  
the way to Christmas already goodness me

36  
00:01:44,990 --> 00:01:43,439  
oh boy I ever have terrible it's been

37  
00:01:47,179 --> 00:01:45,000  
going great though what's a feedback

38  
00:01:49,160 --> 00:01:47,189

being like lately Oh excellent I'm thank

39

00:01:51,709 --> 00:01:49,170

you again thank you for everybody who's

40

00:01:53,660 --> 00:01:51,719

riding into it and posting comments on

41

00:01:55,340 --> 00:01:53,670

the comment section lots of good

42

00:01:56,330 --> 00:01:55,350

comments in fact thank you I'm I say

43

00:01:57,919 --> 00:01:56,340

Richard you're doing a great job

44

00:02:00,260 --> 00:01:57,929

maintaining the website as well I'm

45

00:02:02,630 --> 00:02:00,270

doing the best I works hard I knew

46

00:02:04,160 --> 00:02:02,640

excited also in today's episode we have

47

00:02:06,469 --> 00:02:04,170

another in our series of interviews with

48

00:02:07,999 --> 00:02:06,479

Barry Williams who just retired from the

49

00:02:10,550 --> 00:02:08,009

Australian skeptics he talks about

50

00:02:12,980 --> 00:02:10,560

meeting channelers in TV studios Oh

51  
00:02:15,140 --> 00:02:12,990  
buzzer yes he's met a few hasni is

52  
00:02:17,030 --> 00:02:15,150  
channel is in TV movie should change

53  
00:02:18,680 --> 00:02:17,040  
channel he's a challenge the channel

54  
00:02:21,320 --> 00:02:18,690  
it's five channels and psychics there

55  
00:02:23,540 --> 00:02:21,330  
should be a podcast way to do the old

56  
00:02:25,460 --> 00:02:23,550  
hand signals of inverted commas because

57  
00:02:27,020 --> 00:02:25,470  
every time you say channel channel

58  
00:02:28,309 --> 00:02:27,030  
psychic yeah you can't see it in the

59  
00:02:31,020 --> 00:02:28,319  
podcast what we're holding our fingers

60  
00:02:32,699 --> 00:02:31,030  
up going in Acamas channelers

61  
00:02:34,620 --> 00:02:32,709  
yeah because they're not actually

62  
00:02:36,900 --> 00:02:34,630  
Chandler's of course they'll probably

63  
00:02:38,850 --> 00:02:36,910

not probably probably not but after that

64

00:02:41,490 --> 00:02:38,860

we have a special report dr. AG and I

65

00:02:43,320 --> 00:02:41,500

went down to Bondi Beach the Scalia's or

66

00:02:46,199 --> 00:02:43,330

Sydney's most famous speech I guess on

67

00:02:49,380 --> 00:02:46,209

Australia Day our national day and we

68

00:02:52,949 --> 00:02:49,390

sat on giant inflatable thongs is that

69

00:02:55,199 --> 00:02:52,959

foot thongs I hope so but you'll hear

70

00:02:57,660 --> 00:02:55,209

more about that it was good fun it was

71

00:02:58,920 --> 00:02:57,670

fair charity very good cause I think

72

00:03:00,809 --> 00:02:58,930

some of them went to medical research

73

00:03:02,460 --> 00:03:00,819

yeah and did they actually break the

74

00:03:03,930 --> 00:03:02,470

break record will find out about that

75

00:03:06,090 --> 00:03:03,940

later we'll find out about that later I

76

00:03:07,350 --> 00:03:06,100

hope they did oh good i hope they did

77

00:03:08,670 --> 00:03:07,360

someone else we got we've got the

78

00:03:10,410 --> 00:03:08,680

regular segment our new regular

79

00:03:11,820 --> 00:03:10,420

tournament with Iran so give called

80

00:03:14,550 --> 00:03:11,830

grain of salt he's going to be looking

81

00:03:16,800 --> 00:03:14,560

at autism oh yeah area fascinating topic

82

00:03:18,960 --> 00:03:16,810

dr. Rachel reports as I mentioned before

83

00:03:21,870 --> 00:03:18,970

be looking at here camera oh thank

84

00:03:24,509 --> 00:03:21,880

goodness for the only green ellis

85

00:03:26,850 --> 00:03:24,519

followed by the roundup with my koala

86

00:03:30,330 --> 00:03:26,860

hand and the think tank of course oh

87

00:03:32,850 --> 00:03:30,340

yeah oh what a great show again the zone

88

00:03:35,490 --> 00:03:32,860

is fully in the zone it is now listeners

89

00:03:37,410 --> 00:03:35,500

please get your ear candles ready and

90

00:03:38,670 --> 00:03:37,420

we'll get on no no no take your ear

91

00:03:40,979 --> 00:03:38,680

candles out because you have to listen

92

00:03:42,330 --> 00:03:40,989

to the show oh when you finish you can

93

00:03:44,000 --> 00:03:42,340

shove them back any I didn't think about

94

00:03:46,170 --> 00:03:44,010

that do you think people use two at once

95

00:03:47,880 --> 00:03:46,180

probably around the house like that

96

00:03:49,590 --> 00:03:47,890

there's get dolled wax all over the

97

00:03:52,350 --> 00:03:49,600

shoulders it's a terrible situation now

98

00:03:54,000 --> 00:03:52,360

one at a time follow it dr. Rachel

99

00:03:55,830 --> 00:03:54,010

explain everything about it all the

100

00:03:57,930 --> 00:03:55,840

science behind ear candling I'm looking

101  
00:04:09,250 --> 00:03:57,940  
like that oh alright well let's get on

102  
00:04:14,750 --> 00:04:12,080  
welcome to the second in our series of

103  
00:04:17,810 --> 00:04:14,760  
interviews with Barry Williams the

104  
00:04:20,839 --> 00:04:17,820  
recently retired chief executive officer

105  
00:04:23,930 --> 00:04:20,849  
of Australian skeptics here Barry talks

106  
00:04:30,589 --> 00:04:23,940  
about some of his experiences in the TV

107  
00:04:35,689 --> 00:04:30,599  
studio and i'll never forget one

108  
00:04:39,620 --> 00:04:35,699  
particular occasion there was a visiting

109  
00:04:40,969 --> 00:04:39,630  
American Chandler and I'd appeared on a

110  
00:04:43,219 --> 00:04:40,979  
couple of the current affairs shares

111  
00:04:44,990 --> 00:04:43,229  
with her and she'd go to a deep trance

112  
00:04:47,749 --> 00:04:45,000  
and she was speaking with the voice of

113  
00:04:49,310 --> 00:04:47,759

some forget whether she was some

114

00:04:50,749 --> 00:04:49,320

extraterrestrial or somebody had lived

115

00:04:53,060 --> 00:04:50,759

in Pompeii there are a couple of them

116

00:04:56,810 --> 00:04:53,070

around that time and i give this great

117

00:04:58,670 --> 00:04:56,820

wisdom that we had a well and sort of

118

00:05:00,499 --> 00:04:58,680

superficial claptrap that if your local

119

00:05:04,370 --> 00:05:00,509

MP started talking he did throw him out

120

00:05:10,189 --> 00:05:04,380

immediately and they not noted for

121

00:05:14,510 --> 00:05:10,199

coming in with diva nemesis is but she

122

00:05:16,189 --> 00:05:14,520

she she when she was ever paying these

123

00:05:20,350 --> 00:05:16,199

things which cost they were five hundred

124

00:05:22,610 --> 00:05:20,360

dollars to Garcia venues around town

125

00:05:23,839 --> 00:05:22,620

it'll take quite a while to go to the

126

00:05:27,170 --> 00:05:23,849

trance at the beginning to get the

127

00:05:31,370 --> 00:05:27,180

lesson laughing war forgot the new we

128

00:05:33,290 --> 00:05:31,380

have one chef and but of course on the

129

00:05:34,969 --> 00:05:33,300

TV show will I have him you know you've

130

00:05:36,439 --> 00:05:34,979

got six minutes or three minutes or

131

00:05:38,450 --> 00:05:36,449

whatever it is they've got to rid of you

132

00:05:40,399 --> 00:05:38,460

you she read in the trans instantly oh

133

00:05:43,219 --> 00:05:40,409

really how about that amazing ever there

134

00:05:45,279 --> 00:05:43,229

I'm the are sitting there and a couple

135

00:05:46,749 --> 00:05:45,289

in chosen and

136

00:05:48,369 --> 00:05:46,759

sort of raising the skeptical eyebrow

137

00:05:49,959 --> 00:05:48,379

and having a bit of a chapel and of

138

00:05:51,519 --> 00:05:49,969

course you do that in those sort of

139

00:05:53,619 --> 00:05:51,529

interview situations and your other or

140

00:05:58,119 --> 00:05:53,629

the cameras focused on the other person

141

00:06:00,279 --> 00:05:58,129

in your models will be dead yeah and and

142

00:06:02,379 --> 00:06:00,289

I made a couple of mildly reasonable

143

00:06:03,909 --> 00:06:02,389

suggestions while she was under under

144

00:06:06,040 --> 00:06:03,919

the transfer who would have needed

145

00:06:07,899 --> 00:06:06,050

result of that stage anyway the row

146

00:06:09,850 --> 00:06:07,909

Martin show got being said we go to have

147

00:06:11,350 --> 00:06:09,860

this woman island we want you to come

148

00:06:17,799 --> 00:06:11,360

along and explain what she's doing in

149

00:06:19,809 --> 00:06:17,809

Los at Turner so I'm rep there and they

150

00:06:22,209 --> 00:06:19,819

kept us apart usually hear you know

151  
00:06:25,420 --> 00:06:22,219  
you're in the green room is janna memory

152  
00:06:27,369 --> 00:06:25,430  
with mingle with people yeah I I think

153  
00:06:29,379 --> 00:06:27,379  
that was the occasion that delighted the

154  
00:06:31,989 --> 00:06:29,389  
green room with John morganelli like in

155  
00:06:35,379 --> 00:06:31,999  
red rum holes the chaplain he was

156  
00:06:39,339 --> 00:06:35,389  
suffered a terrible cold but I got on

157  
00:06:41,409 --> 00:06:39,349  
with his burden that she's waffling away

158  
00:06:43,359 --> 00:06:41,419  
and I was making a few comments and she

159  
00:06:46,719 --> 00:06:43,369  
broke her cover because she started to

160  
00:06:51,369 --> 00:06:46,729  
sneer no really it was wonderful I knew

161  
00:06:53,889 --> 00:06:51,379  
I knew and she made all these statements

162  
00:06:56,290 --> 00:06:53,899  
I made my statements in and said that

163  
00:06:58,869 --> 00:06:56,300

this is this is a good way of making

164

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

money but the chance of getting any

165

00:07:04,230 --> 00:07:00,889

wisdom from long dead individuals or

166

00:07:06,249 --> 00:07:04,240

people rather planets minuscule and

167

00:07:08,350 --> 00:07:06,259

racing well thank you very much for all

168

00:07:10,469 --> 00:07:08,360

that's all he and Jeff Harvey who was a

169

00:07:14,019 --> 00:07:10,479

longtime director of the channel and

170

00:07:16,869 --> 00:07:14,029

then orchestra band is to play the

171

00:07:20,459 --> 00:07:16,879

intros now hazel and although shares and

172

00:07:23,139 --> 00:07:20,469

Jeff soonish ray and thank this lady

173

00:07:26,679 --> 00:07:23,149

struck up Colonel bogey which is you and

174

00:07:31,619 --> 00:07:26,689

I both know the the less

175

00:07:37,899 --> 00:07:35,589

I made Jeff an honoree subscribers after

176

00:07:39,489 --> 00:07:37,909

that and he kept getting the magazines

177

00:07:42,279 --> 00:07:39,499

look I'm not sure that he didn't die

178

00:07:44,169 --> 00:07:42,289

they still is he go yeah he left gentle

179

00:07:47,139 --> 00:07:44,179

on you to retire retire years ago yes

180

00:07:48,939 --> 00:07:47,149

lovely black but he was no question

181

00:07:51,159 --> 00:07:48,949

wrong either he saw what's right right

182

00:07:54,579 --> 00:07:51,169

yeah I know there are lots like that I

183

00:07:57,719 --> 00:07:54,589

mean I've met some very strange people

184

00:08:00,639 --> 00:07:57,729

over the years in television studio

185

00:08:02,169 --> 00:08:00,649

another one I think great pleasure once

186

00:08:05,739 --> 00:08:02,179

again i think was on the right night

187

00:08:08,499 --> 00:08:05,749

show meeting the names aboriginal name

188

00:08:11,739 --> 00:08:08,509

is new knuckle cath walker flavors power

189

00:08:13,839 --> 00:08:11,749

oh yeah what a delightful old lady now I

190

00:08:17,889 --> 00:08:13,849

thought she's an activist know that

191

00:08:19,959 --> 00:08:17,899

she's all sweet delightful lady & M yeah

192

00:08:22,119 --> 00:08:19,969

you made all sorts of funny people in TV

193

00:08:23,919 --> 00:08:22,129

station group renewed but I'm not a lot

194

00:08:26,489 --> 00:08:23,929

but enough to log on people dropped

195

00:08:29,589 --> 00:08:26,499

around to see me and the little john-boy

196

00:08:30,909 --> 00:08:29,599

views on things last about 10 seconds on

197

00:08:32,980 --> 00:08:30,919

the screen after the other blokes had a

198

00:08:34,959 --> 00:08:32,990

three minute pitch I say it's all

199

00:08:38,920 --> 00:08:34,969

that's the way it can afford

200

00:08:42,100 --> 00:08:38,930

unison yes sir and as a result of all

201  
00:08:44,590 --> 00:08:42,110  
these things I've had yeah you know

202  
00:08:46,179 --> 00:08:44,600  
yourself you get a measure of minor

203  
00:08:48,340 --> 00:08:46,189  
celebrity when people actually rescued

204  
00:08:52,660 --> 00:08:48,350  
by a friend but didn't I see you under

205  
00:08:54,130 --> 00:08:52,670  
me to throw probably and and I can

206  
00:08:56,500 --> 00:08:54,140  
understand why

207  
00:08:58,060 --> 00:08:56,510  
work white people who are regular

208  
00:09:00,160 --> 00:08:58,070  
appearance on television might get a bit

209  
00:09:03,100 --> 00:09:00,170  
cheesed off while the public notice but

210  
00:09:04,900 --> 00:09:03,110  
both budget court appear on TV never

211  
00:09:06,400 --> 00:09:04,910  
worried me much and other than I

212  
00:09:08,860 --> 00:09:06,410  
hope people don't think I was big

213  
00:09:11,140 --> 00:09:08,870

another's that's the answer now see your

214

00:09:12,760 --> 00:09:11,150

ontology and of course you do we both

215

00:09:14,080 --> 00:09:12,770

know from experience you never know how

216

00:09:16,690 --> 00:09:14,090

you're going to appear on the final cut

217

00:09:20,590 --> 00:09:16,700

now a shot that's right I must say to

218

00:09:22,690 --> 00:09:20,600

credit I don't believe I've been Miss

219

00:09:24,760 --> 00:09:22,700

and I headed up side of the I said

220

00:09:26,890 --> 00:09:24,770

something I didn't say I mean some of my

221

00:09:29,800 --> 00:09:26,900

good pledge of it left out yes yes yes

222

00:09:31,900 --> 00:09:29,810

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

223

00:09:33,910 --> 00:09:31,910

say something other than what I met does

224

00:09:36,280 --> 00:09:33,920

it surprise you that year after year

225

00:09:38,680 --> 00:09:36,290

they'll come back to more or less the

226

00:09:41,500 --> 00:09:38,690

same story which has been it's old news

227

00:09:43,960 --> 00:09:41,510

but maybe the reporter has never heard

228

00:09:46,180 --> 00:09:43,970

about it before or maybe a good example

229

00:09:49,480 --> 00:09:46,190

would be the lift go Panther the cast

230

00:09:51,610 --> 00:09:49,490

aluminum giant cat or some beer I know I

231

00:09:53,050 --> 00:09:51,620

it did or what for a while there I

232

00:09:54,400 --> 00:09:53,060

thought are we having any effect at all

233

00:09:56,950 --> 00:09:54,410

because like Eve asking the same

234

00:09:58,420 --> 00:09:56,960

questions and surely must be like look I

235

00:10:00,640 --> 00:09:58,430

try to make my explanations not too

236

00:10:01,630 --> 00:10:00,650

technical but very understandable that

237

00:10:03,370 --> 00:10:01,640

people should think for themselves

238

00:10:05,230 --> 00:10:03,380

really that's what website of people

239

00:10:07,030 --> 00:10:05,240

yeah don't take other people's word for

240

00:10:08,770 --> 00:10:07,040

it especially if they're offering you

241

00:10:10,870 --> 00:10:08,780

things that are going to control your

242

00:10:12,910 --> 00:10:10,880

life think about up use your brain and

243

00:10:17,170 --> 00:10:12,920

don't believe think that's a good motto

244

00:10:20,530 --> 00:10:17,180

yeah you do and occasionally you'll hear

245

00:10:22,300 --> 00:10:20,540

a media person will say well I know the

246

00:10:24,190 --> 00:10:22,310

skeptic co that is such and such but

247

00:10:25,630 --> 00:10:24,200

would you like to expand on it which is

248

00:10:28,090 --> 00:10:25,640

good it means they take the message in

249

00:10:30,070 --> 00:10:28,100

but quite a half and you get young

250

00:10:41,710 --> 00:10:30,080

Jenna's you want the job and they

251

00:10:48,069 --> 00:10:45,129

hi I'm Alice at eight host of the new by

252

00:10:49,960 --> 00:10:48,079

weekly podcast the pseudo-scientists the

253

00:10:52,150 --> 00:10:49,970

official podcast of the young stray lien

254

00:10:54,639 --> 00:10:52,160

skeptics John Elliott birch daily

255

00:10:56,710 --> 00:10:54,649

breeders Jason ball Jack Scanlon hey

256

00:10:58,749 --> 00:10:56,720

rush and myself to hear what our

257

00:11:00,929 --> 00:10:58,759

generation have to say about quackery

258

00:11:03,639 --> 00:11:00,939

science and the issues that concern us

259

00:11:10,329 --> 00:11:03,649

subscribe to our podcast located at

260

00:11:11,889 --> 00:11:10,339

young of skeptics com beautiful Bondi

261

00:11:13,840 --> 00:11:11,899

Beach on the twenty-sixth of January

262

00:11:16,059 --> 00:11:13,850

Australia Day hello Rachel hello Richard

263

00:11:18,129 --> 00:11:16,069

how are you I'm happy to be here we're

264

00:11:19,840 --> 00:11:18,139

actually on a little sort of grassy hill

265

00:11:22,720 --> 00:11:19,850

overlooking the beach lining up to get

266

00:11:25,929 --> 00:11:22,730

our giant oh yes we are we're here for

267

00:11:28,780 --> 00:11:25,939

the havaianas giant song australia day

268

00:11:31,960 --> 00:11:28,790

challenge now when we say thong we mean

269

00:11:33,610 --> 00:11:31,970

footwear yes we do we should done we

270

00:11:35,920 --> 00:11:33,620

should clarify the clarified that yes

271

00:11:37,509 --> 00:11:35,930

and there are giant green thumbs being

272

00:11:39,639 --> 00:11:37,519

handed out left right and center we're

273

00:11:40,540 --> 00:11:39,649

going to sit there and play table so

274

00:11:43,480 --> 00:11:40,550

we're going to be sitting on them

275

00:11:45,009 --> 00:11:43,490

they're about five feet tall falling out

276

00:11:47,049 --> 00:11:45,019

of the window a blob they are actually

277

00:11:49,179 --> 00:11:47,059

they're being blown up upstairs in the

278

00:11:51,329 --> 00:11:49,189

surf lifesaving club and some of our

279

00:11:53,499 --> 00:11:51,339

listeners would know about the bond i

280

00:11:56,350 --> 00:11:53,509

surf lifesaving club because there's a

281

00:11:57,920 --> 00:11:56,360

show called bondi rescue which is my

282

00:12:00,350 --> 00:11:57,930

today yeah

283

00:12:02,840 --> 00:12:00,360

yes they're falling out of the roof next

284

00:12:05,300 --> 00:12:02,850

to us and there's a year about five foot

285

00:12:08,300 --> 00:12:05,310

long and yellow and green which is a big

286

00:12:09,980 --> 00:12:08,310

colors of Australia oh hell no this is

287

00:12:12,230 --> 00:12:09,990

what we do on our national day we line

288

00:12:14,060 --> 00:12:12,240

up and we get giant inflatable phones

289

00:12:16,490 --> 00:12:14,070

but there is a reason behind this

290

00:12:19,370 --> 00:12:16,500

challenge today we choose in there is

291

00:12:21,170 --> 00:12:19,380

there Rachel yes there is well firstly

292

00:12:22,430 --> 00:12:21,180

is to raise money for charity actually

293

00:12:25,639 --> 00:12:22,440

for the Starlight Children's Foundation

294

00:12:27,650 --> 00:12:25,649

which is children's cancer and also for

295

00:12:30,590 --> 00:12:27,660

the little nippers which is surf

296

00:12:32,269 --> 00:12:30,600

lifesaving and but it's also to break a

297

00:12:34,820 --> 00:12:32,279

world record there's a world record

298

00:12:36,199 --> 00:12:34,830

attempt yeah and we might be part of

299

00:12:38,120 --> 00:12:36,209

that we will be paddling well hopefully

300

00:12:42,470 --> 00:12:38,130

the previous world record was set in

301  
00:12:44,300 --> 00:12:42,480  
2006 at coogee and that was 863 people

302  
00:12:45,920 --> 00:12:44,310  
on inflatable phones and so the

303  
00:12:47,990 --> 00:12:45,930  
organizers today are hoping to beat that

304  
00:12:49,610 --> 00:12:48,000  
we'll look around you there are hundreds

305  
00:12:52,940 --> 00:12:49,620  
of people here in the queue with us

306  
00:12:54,650 --> 00:12:52,950  
lining up in various places so yeah they

307  
00:12:56,570 --> 00:12:54,660  
may well be the today yeah it's very

308  
00:12:58,940 --> 00:12:56,580  
busy I mean it's only just past nine

309  
00:13:00,230 --> 00:12:58,950  
a.m. here and already there there are

310  
00:13:01,880 --> 00:13:00,240  
hundreds of people milling around so

311  
00:13:05,030 --> 00:13:01,890  
it's looking possibly like they might be

312  
00:13:08,690 --> 00:13:05,040  
that 863 but Richard I think it's going

313  
00:13:09,949 --> 00:13:08,700

to be hilarious I hope so I'm not sure

314

00:13:11,660 --> 00:13:09,959

I'm going to be able to stay on my first

315

00:13:18,300 --> 00:13:11,670

I'm going to be laughing so hard it's

316

00:13:24,069 --> 00:13:21,129

it's a couple of hours later well Rachel

317

00:13:25,059 --> 00:13:24,079

that was fun that was fun wasn't it how

318

00:13:27,879 --> 00:13:25,069

many people do you think they were

319

00:13:30,280 --> 00:13:27,889

richard floating on inflatable thongs as

320

00:13:33,519 --> 00:13:30,290

in footwear and a giant ring up I'm the

321

00:13:35,499 --> 00:13:33,529

water um it's hard to say six seven

322

00:13:37,689 --> 00:13:35,509

maybe eight hundred yeah it looks like

323

00:13:39,280 --> 00:13:37,699

about that many to know but it was quite

324

00:13:41,670 --> 00:13:39,290

funny folks because what actually

325

00:13:43,780 --> 00:13:41,680

happened was they the lifesavers put a

326

00:13:46,179 --> 00:13:43,790

series of boys in the shape of the

327

00:13:49,019 --> 00:13:46,189

circle connected by rope and we all went

328

00:13:52,509 --> 00:13:49,029

out paddled our way out and then held on

329

00:13:54,280 --> 00:13:52,519

for dear life in some instances because

330

00:13:56,050 --> 00:13:54,290

the swell actually got quite big at one

331

00:13:59,170 --> 00:13:56,060

point in that Richard it did now

332

00:14:02,019 --> 00:13:59,180

listeners if you go to our Flickr page

333

00:14:04,900 --> 00:14:02,029

links on our web page skeptics and TVs

334

00:14:06,999 --> 00:14:04,910

you can see some pictures of these crazy

335

00:14:08,980 --> 00:14:07,009

things now we're sitting on the beach at

336

00:14:11,259 --> 00:14:08,990

the moment the beach is covered with

337

00:14:13,480 --> 00:14:11,269

giant inflatable things as far as I can

338

00:14:14,889 --> 00:14:13,490

see in all those both directions yeah

339

00:14:16,929 --> 00:14:14,899

and most people were a lot of people

340

00:14:18,550 --> 00:14:16,939

actually try to deflate their thumbs at

341

00:14:20,920 --> 00:14:18,560

the moment and it's actually a month

342

00:14:23,079 --> 00:14:20,930

more difficult than you think now I'm

343

00:14:26,410 --> 00:14:23,089

parents here who's a regular skeptics in

344

00:14:28,929 --> 00:14:26,420

the pub and hello that's the sound of

345

00:14:30,340 --> 00:14:28,939

her he's pleading her but you're lying

346

00:14:32,199 --> 00:14:30,350

on the phone it's doubled over you

347

00:14:34,090 --> 00:14:32,209

trying to get all the error yes that's

348

00:14:38,679 --> 00:14:34,100

right Richard trying to get it out very

349

00:14:42,189 --> 00:14:38,689

very slowly but very very shortly and a

350

00:14:44,410 --> 00:14:42,199

couple of hours and there's lifeguards

351  
00:14:45,990 --> 00:14:44,420  
coming behind us now and they're baggy

352  
00:14:48,840 --> 00:14:46,000  
were there

353  
00:14:50,730 --> 00:14:48,850  
inflatable surf boat probably going to

354  
00:14:53,280 --> 00:14:50,740  
want to park it again

355  
00:14:55,170 --> 00:14:53,290  
actually Richard when we were out we had

356  
00:14:57,150 --> 00:14:55,180  
to we were a whistle blew and we had to

357  
00:14:59,220 --> 00:14:57,160  
all hold the hand of the person next to

358  
00:15:00,900 --> 00:14:59,230  
us for I think 30 seconds to set the

359  
00:15:03,540 --> 00:15:00,910  
record and during that time there were

360  
00:15:06,030 --> 00:15:03,550  
about four or five surf boats out there

361  
00:15:08,970 --> 00:15:06,040  
from Bondi rescue and about three or

362  
00:15:10,590 --> 00:15:08,980  
four News choppers yeah and all the news

363  
00:15:13,310 --> 00:15:10,600

channels were represented on the shore

364

00:15:16,320 --> 00:15:13,320

so it must be a slow news day I reckon

365

00:15:19,800 --> 00:15:16,330

yes miss folks that's what makes news in

366

00:15:31,530 --> 00:15:19,810

Australia floating on giant inflatable

367

00:15:35,919 --> 00:15:33,849

astronomy cast it takes a fact space

368

00:15:37,659 --> 00:15:35,929

journey through the cosmos as it offers

369

00:15:40,329 --> 00:15:37,669

listeners weekly discussions on

370

00:15:43,239 --> 00:15:40,339

astronomical topics ranging from planets

371

00:15:45,699 --> 00:15:43,249

to cosmology hosted by Fraser Cain of

372

00:15:46,539 --> 00:15:45,709

Universe Today and myself dr. Pamela gay

373

00:15:49,239 --> 00:15:46,549

of southern illinois university

374

00:15:51,099 --> 00:15:49,249

edwardsville this show brings the

375

00:15:53,530 --> 00:15:51,109

questions of an avid astronomy lover

376

00:15:55,629 --> 00:15:53,540

directly to an astronomer together

377

00:15:57,159 --> 00:15:55,639

Fraser and I explore what is known and

378

00:15:59,919 --> 00:15:57,169

being discovered about the universe

379

00:16:02,019 --> 00:15:59,929

around us join us each week as we take a

380

00:16:15,970 --> 00:16:02,029

face journey through the cosmos at

381

00:16:24,269 --> 00:16:15,980

astronomy cast calm let's all take this

382

00:16:28,989 --> 00:16:27,280

for various reasons autism has a

383

00:16:31,449 --> 00:16:28,999

somewhat controversial standing in the

384

00:16:33,429 --> 00:16:31,459

public perception which causes it to be

385

00:16:35,729 --> 00:16:33,439

co-opted by various groups with varying

386

00:16:38,079 --> 00:16:35,739

agendas to support their point of view I

387

00:16:39,939 --> 00:16:38,089

will mention at the top of the list of

388

00:16:43,479 --> 00:16:39,949

such groups those who oppose vaccines

389

00:16:45,189 --> 00:16:43,489

but they're not the only ones before

390

00:16:46,869 --> 00:16:45,199

discussing why autism features so

391

00:16:49,030 --> 00:16:46,879

prominently in a number of high-profile

392

00:16:51,369 --> 00:16:49,040

debates it is important to understand

393

00:16:54,789 --> 00:16:51,379

what autism actually is so let's start

394

00:16:57,069 --> 00:16:54,799

by defining it autism is the name given

395

00:16:59,590 --> 00:16:57,079

to a wide range of effects or behaviors

396

00:17:02,280 --> 00:16:59,600

that often appear together such as

397

00:17:05,079 --> 00:17:02,290

social ineptitude repetitive behaviors

398

00:17:08,230 --> 00:17:05,089

problems with verbal communication lack

399

00:17:10,389 --> 00:17:08,240

of eye contact and more autism is

400

00:17:12,579 --> 00:17:10,399

defined as a mental disorder in dsm for

401  
00:17:14,649 --> 00:17:12,589  
the diagnostic and statistical manual of

402  
00:17:16,509 --> 00:17:14,659  
mental disorders and there are several

403  
00:17:18,279 --> 00:17:16,519  
similar disorders such as Asperger's

404  
00:17:20,439 --> 00:17:18,289  
syndrome that are considered to be

405  
00:17:23,409 --> 00:17:20,449  
related and are often described as being

406  
00:17:25,269 --> 00:17:23,419  
on the autistic spectrum autism and

407  
00:17:27,669 --> 00:17:25,279  
those related disorders are often called

408  
00:17:29,769 --> 00:17:27,679  
pervasive developmental disorders which

409  
00:17:32,139 --> 00:17:29,779  
accurately reflects the broad spectrum

410  
00:17:34,850 --> 00:17:32,149  
of types of observations associated with

411  
00:17:37,920 --> 00:17:34,860  
them from mental to social to physical

412  
00:17:40,770 --> 00:17:37,930  
to date the causes of autism are not

413  
00:17:42,390 --> 00:17:40,780

fully known evidence of structural and

414

00:17:44,730 --> 00:17:42,400

functional differences in the brains of

415

00:17:46,650 --> 00:17:44,740

autistic individuals is growing and the

416

00:17:48,930 --> 00:17:46,660

case for a significant genetic component

417

00:17:50,730 --> 00:17:48,940

is strong though it clearly cannot be

418

00:17:53,400 --> 00:17:50,740

attributed to a single gene or a small

419

00:17:55,440 --> 00:17:53,410

number of genes there are several

420

00:17:57,120 --> 00:17:55,450

features of autistic spectrum disorders

421

00:17:59,070 --> 00:17:57,130

that make them particularly prone to

422

00:18:02,700 --> 00:17:59,080

debate relating to their existence and

423

00:18:05,160 --> 00:18:02,710

causes one the diagnosis is purely

424

00:18:07,320 --> 00:18:05,170

clinical meaning there is no completely

425

00:18:09,570 --> 00:18:07,330

objective tests such as a chemical or

426  
00:18:12,720 --> 00:18:09,580  
genetic test that can be used to confirm

427  
00:18:17,280 --> 00:18:12,730  
the disorder too as mentioned earlier

428  
00:18:19,140 --> 00:18:17,290  
the causes are not clear three various

429  
00:18:21,300 --> 00:18:19,150  
features of autistic spectrum disorders

430  
00:18:24,120 --> 00:18:21,310  
appear in a neurotypical zeeeeee which

431  
00:18:25,740 --> 00:18:24,130  
are non autistic individuals professor

432  
00:18:27,930 --> 00:18:25,750  
Tony Atwood a leading authority on

433  
00:18:30,810 --> 00:18:27,940  
Asperger's syndrome likens the autistic

434  
00:18:32,520 --> 00:18:30,820  
spectrum to a hundred piece puzzle every

435  
00:18:35,070 --> 00:18:32,530  
human has some pieces of the puzzle and

436  
00:18:36,960 --> 00:18:35,080  
no human has all 100 but at a certain

437  
00:18:39,090 --> 00:18:36,970  
point we say there are enough pieces to

438  
00:18:41,970 --> 00:18:39,100

see the picture and we define that as

439

00:18:44,610 --> 00:18:41,980

being within the autistic spectrum for

440

00:18:47,010 --> 00:18:44,620

autistic individuals can vary widely in

441

00:18:48,930 --> 00:18:47,020

their presentation of symptoms while

442

00:18:50,910 --> 00:18:48,940

some symptoms are very common it is not

443

00:18:52,350 --> 00:18:50,920

unusual for an autistic individual to

444

00:18:56,160 --> 00:18:52,360

lack some of the more obvious or

445

00:18:57,990 --> 00:18:56,170

well-known symptoms despite autistic

446

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

spectrum disorders being pervasive and

447

00:19:01,950 --> 00:19:00,010

persistent it is rare for them to be

448

00:19:05,220 --> 00:19:01,960

diagnosed or even observed in the first

449

00:19:06,690 --> 00:19:05,230

few years of life and finally 6 there

450

00:19:08,610 --> 00:19:06,700

has been a huge rise in the number of

451  
00:19:12,210 --> 00:19:08,620  
children diagnosed as autistic in the

452  
00:19:14,130 --> 00:19:12,220  
past 25 years these features have led to

453  
00:19:16,380 --> 00:19:14,140  
several groups having autism at the core

454  
00:19:18,000 --> 00:19:16,390  
of their agenda and I use the term group

455  
00:19:20,820 --> 00:19:18,010  
loosely here to indicate a common agenda

456  
00:19:22,140 --> 00:19:20,830  
as in reality there are hundreds if not

457  
00:19:24,060 --> 00:19:22,150  
thousands of physically and

458  
00:19:27,240 --> 00:19:24,070  
organizationally separate groups across

459  
00:19:29,100 --> 00:19:27,250  
the globe the first and by far the most

460  
00:19:32,010 --> 00:19:29,110  
harmful is the anti-vaccination movement

461  
00:19:33,900 --> 00:19:32,020  
I do not wish to discuss the history of

462  
00:19:35,610 --> 00:19:33,910  
this appalling movement but it is

463  
00:19:37,560 --> 00:19:35,620

important to be clear that the focus on

464

00:19:39,810 --> 00:19:37,570

autism is just a matter of experience

465

00:19:42,600 --> 00:19:39,820

for them much the same as the focus on

466

00:19:44,520 --> 00:19:42,610

mercury is basically there are

467

00:19:46,110 --> 00:19:44,530

persistent in their search for negatives

468

00:19:48,549 --> 00:19:46,120

that can be linked to vaccines and

469

00:19:50,680 --> 00:19:48,559

autism is just one such item

470

00:19:53,200 --> 00:19:50,690

the main reason autism is linked to

471

00:19:55,060 --> 00:19:53,210

vaccines is temporal many autistic

472

00:19:56,710 --> 00:19:55,070

children present their first symptoms at

473

00:19:58,539 --> 00:19:56,720

around the same time as the MMR vaccine

474

00:20:01,480 --> 00:19:58,549

is administered in most Western

475

00:20:03,220 --> 00:20:01,490

countries the idea is undoubtedly helped

476  
00:20:05,499 --> 00:20:03,230  
by the increase in diagnosis mentioned

477  
00:20:07,960 --> 00:20:05,509  
earlier add to that the uncertainty

478  
00:20:09,399 --> 00:20:07,970  
around the causes of autism the anguish

479  
00:20:11,499 --> 00:20:09,409  
of parents faced with an incurable

480  
00:20:14,080 --> 00:20:11,509  
disorder that can sometimes be extremely

481  
00:20:16,330 --> 00:20:14,090  
debilitating the alter human desire to

482  
00:20:18,610 --> 00:20:16,340  
find a causal agent or increasingly

483  
00:20:19,779 --> 00:20:18,620  
someone to sue and you've got all the

484  
00:20:21,639 --> 00:20:19,789  
ingredients required for an

485  
00:20:24,039 --> 00:20:21,649  
agenda-driven movement that has no

486  
00:20:26,310 --> 00:20:24,049  
regard for facts to use autism as one of

487  
00:20:28,629 --> 00:20:26,320  
its main reasons to object to vaccines

488  
00:20:31,389 --> 00:20:28,639

let it be absolutely and unequivocally

489

00:20:34,480 --> 00:20:31,399

clear there is no link between vaccines

490

00:20:36,190 --> 00:20:34,490

and autism this has been demonstrated by

491

00:20:37,840 --> 00:20:36,200

enough controlled in epidemiological

492

00:20:40,330 --> 00:20:37,850

studies to make it effect not worth

493

00:20:41,710 --> 00:20:40,340

debating any further there is no

494

00:20:43,600 --> 00:20:41,720

difference in autism rates between

495

00:20:46,359 --> 00:20:43,610

vaccinated in advocacy native children

496

00:20:47,680 --> 00:20:46,369

and the idea of a link only exists

497

00:20:49,570 --> 00:20:47,690

because of one small and long

498

00:20:52,779 --> 00:20:49,580

discredited study by dr. Andrew

499

00:20:54,519 --> 00:20:52,789

Wakefield but diagnosis rates have risen

500

00:20:57,430 --> 00:20:54,529

has been clearly shown to be the result

501  
00:20:59,859 --> 00:20:57,440  
of broader criteria and a tendency to

502  
00:21:02,529 --> 00:20:59,869  
over diagnose rather than any real rise

503  
00:21:04,989 --> 00:21:02,539  
in autism and in the few places where

504  
00:21:08,739 --> 00:21:04,999  
vaccination programs have stalled autism

505  
00:21:10,659 --> 00:21:08,749  
rates continued to rise another group

506  
00:21:12,489 --> 00:21:10,669  
that uses autism in its agenda is the

507  
00:21:14,680 --> 00:21:12,499  
environmental movement in attempts to

508  
00:21:17,529 --> 00:21:14,690  
link toxins in the environment to autism

509  
00:21:19,389 --> 00:21:17,539  
I'll not before I go any further that

510  
00:21:20,499 --> 00:21:19,399  
this claim is considered fringe even

511  
00:21:22,779 --> 00:21:20,509  
within the mainstream of the

512  
00:21:24,850 --> 00:21:22,789  
environmental movement the idea is that

513  
00:21:27,909 --> 00:21:24,860

toxins mostly heavy metals in the

514

00:21:29,680 --> 00:21:27,919

environment cause autism several books

515

00:21:32,169 --> 00:21:29,690

on the subject have been written with at

516

00:21:33,940 --> 00:21:32,179

least one autism brain and environment

517

00:21:35,440 --> 00:21:33,950

but dr. Richard lathe being very

518

00:21:38,080 --> 00:21:35,450

scientific in its approach and

519

00:21:39,899 --> 00:21:38,090

presentation dr. Lloyd's book contains a

520

00:21:42,310 --> 00:21:39,909

lot of actual science content

521

00:21:43,899 --> 00:21:42,320

unfortunately his conclusions are not

522

00:21:45,519 --> 00:21:43,909

based on the science but rather on

523

00:21:47,590 --> 00:21:45,529

premises and assumptions that are not

524

00:21:50,649 --> 00:21:47,600

supported by the science he presents or

525

00:21:52,539 --> 00:21:50,659

by any science at all while dr. lathe

526

00:21:54,669 --> 00:21:52,549

probably did not write the book with an

527

00:21:56,529 --> 00:21:54,679

environmental agenda his book has been

528

00:21:58,180 --> 00:21:56,539

embraced by those in the environmental

529

00:22:01,240 --> 00:21:58,190

movement who saw in its support for

530

00:22:02,609 --> 00:22:01,250

their claims a third group is

531

00:22:04,749 --> 00:22:02,619

Scientology

532

00:22:06,700 --> 00:22:04,759

scientologists do not believe in autism

533

00:22:08,499 --> 00:22:06,710

and therefore fight organizations that

534

00:22:10,419 --> 00:22:08,509

support autistic people and their carers

535

00:22:13,299 --> 00:22:10,429

and instead promote their well-known

536

00:22:15,489 --> 00:22:13,309

panacea personality tests auditing and

537

00:22:16,840 --> 00:22:15,499

all the rest of their nonsense and if

538

00:22:18,580 --> 00:22:16,850

you didn't cringe at the start of the

539

00:22:21,340 --> 00:22:18,590

previous sentence are repeated so you

540

00:22:25,419 --> 00:22:21,350

can cringe now Scientologists do not

541

00:22:27,099 --> 00:22:25,429

believe in autism the next group is of a

542

00:22:28,859 --> 00:22:27,109

very different sort as it comprises

543

00:22:31,479 --> 00:22:28,869

mostly parents of affected children

544

00:22:32,889 --> 00:22:31,489

there is no external agenda involved but

545

00:22:34,299 --> 00:22:32,899

rather an attempt to deal with the

546

00:22:37,180 --> 00:22:34,309

reality with child with an autistic

547

00:22:38,950 --> 00:22:37,190

spectrum disorder people in this will

548

00:22:42,310 --> 00:22:38,960

believe that autism can be cured or at

549

00:22:44,080 --> 00:22:42,320

least alleviated by diet numerous books

550

00:22:45,820 --> 00:22:44,090

have been written both analyzing the

551  
00:22:47,529 --> 00:22:45,830  
subject and offering various and often

552  
00:22:50,200 --> 00:22:47,539  
conflicting suggestions for a diet that

553  
00:22:52,899 --> 00:22:50,210  
would cure autism lactose and gluten

554  
00:22:55,359 --> 00:22:52,909  
feature prominently of course and that

555  
00:22:57,159 --> 00:22:55,369  
fact alone is highly suggestive as those

556  
00:22:59,529 --> 00:22:57,169  
two substances have been implicated in

557  
00:23:01,149 --> 00:22:59,539  
so many different ailments that it is

558  
00:23:03,759 --> 00:23:01,159  
hard to avoid thinking that they are the

559  
00:23:05,979 --> 00:23:03,769  
culinary equivalent of grey aliens being

560  
00:23:08,649 --> 00:23:05,989  
derived from culture rather than from

561  
00:23:10,810 --> 00:23:08,659  
scientific knowledge regardless of the

562  
00:23:12,879 --> 00:23:10,820  
specific diet there is no evidence at

563  
00:23:15,549 --> 00:23:12,889

all at this stage that diet alleviates

564

00:23:16,960 --> 00:23:15,559

autism nor is there a known mechanism by

565

00:23:20,169 --> 00:23:16,970

which the brain can be changed

566

00:23:21,940 --> 00:23:20,179

sufficiently by a diet the closest thing

567

00:23:24,099 --> 00:23:21,950

to supporting evidence is that some

568

00:23:25,509 --> 00:23:24,109

autistic like features are present in

569

00:23:28,060 --> 00:23:25,519

children that are otherwise not autistic

570

00:23:30,009 --> 00:23:28,070

and those symptoms have been shown on

571

00:23:31,930 --> 00:23:30,019

rare occasions to be the result of

572

00:23:34,659 --> 00:23:31,940

allergy or intolerance to various foods

573

00:23:36,519 --> 00:23:34,669

this should definitely not be enough to

574

00:23:38,289 --> 00:23:36,529

limit the child's food choices or to

575

00:23:39,970 --> 00:23:38,299

divert the parents attention from the

576

00:23:42,190 --> 00:23:39,980

important task of assisting the child

577

00:23:43,960 --> 00:23:42,200

deal with his or her condition which is

578

00:23:47,200 --> 00:23:43,970

clearly a risk if the parents believe

579

00:23:48,849 --> 00:23:47,210

the child is being cured the last group

580

00:23:51,399 --> 00:23:48,859

is those who believe in the theory of

581

00:23:52,659 --> 00:23:51,409

indigo children but before I talk about

582

00:23:54,720 --> 00:23:52,669

them I would like to make a point

583

00:23:56,919 --> 00:23:54,730

regarding the use of certain words

584

00:24:00,099 --> 00:23:56,929

throughout this talk I use the words

585

00:24:02,080 --> 00:24:00,109

disorder and symptoms and cure I use

586

00:24:04,599 --> 00:24:02,090

these words for simplicity and to avoid

587

00:24:07,720 --> 00:24:04,609

too many definitions these are the words

588

00:24:08,919 --> 00:24:07,730

used by scientists and clinicians there

589

00:24:11,019 --> 00:24:08,929

are many people who would be unhappy

590

00:24:12,609 --> 00:24:11,029

with that as they do not see autism as a

591

00:24:16,090 --> 00:24:12,619

disability but rather as simply a

592

00:24:17,289 --> 00:24:16,100

different personality type indeed I

593

00:24:19,299 --> 00:24:17,299

personally think that there are many

594

00:24:20,560 --> 00:24:19,309

children on the autistic spectrum that

595

00:24:22,630 --> 00:24:20,570

would benefit from being viewed as

596

00:24:24,669 --> 00:24:22,640

special rather than deficient and have

597

00:24:27,400 --> 00:24:24,679

such amazing capabilities that to try to

598

00:24:29,140 --> 00:24:27,410

cure them would be an injustice having

599

00:24:31,060 --> 00:24:29,150

said that most children on the spectrum

600

00:24:33,310 --> 00:24:31,070

can benefit from assistance in those

601  
00:24:34,960 --> 00:24:33,320  
areas in which they are lacking and they

602  
00:24:36,700 --> 00:24:34,970  
are emerging methods of assisting such

603  
00:24:39,100 --> 00:24:36,710  
children that are based on what is known

604  
00:24:40,690 --> 00:24:39,110  
about the causes of autism rather than

605  
00:24:44,200 --> 00:24:40,700  
on assuming that occur is around the

606  
00:24:45,490 --> 00:24:44,210  
corner the indigo child people believe

607  
00:24:46,930 --> 00:24:45,500  
that there are children around and

608  
00:24:49,180 --> 00:24:46,940  
represent a higher state of human

609  
00:24:50,710 --> 00:24:49,190  
evolution they attribute certain

610  
00:24:53,380 --> 00:24:50,720  
paranormal abilities to these children

611  
00:24:55,149 --> 00:24:53,390  
such as the ability to read minds but

612  
00:24:57,310 --> 00:24:55,159  
their descriptions quite clearly overlap

613  
00:24:59,080 --> 00:24:57,320

with the dsm-4 definition of autism and

614

00:25:00,610 --> 00:24:59,090

it would be difficult not to suggest

615

00:25:02,950 --> 00:25:00,620

that many of those who believe that

616

00:25:04,870 --> 00:25:02,960

their child is indigo believe so because

617

00:25:07,720 --> 00:25:04,880

it is an attractive way of D medical

618

00:25:10,720 --> 00:25:07,730

izing the condition of saying my child

619

00:25:12,640 --> 00:25:10,730

is not damaged she's special while I

620

00:25:14,860 --> 00:25:12,650

sympathize with the urge it is clearly

621

00:25:16,450 --> 00:25:14,870

misguided and if the child is denied

622

00:25:19,409 --> 00:25:16,460

help because of the view that there are

623

00:25:21,669 --> 00:25:19,419

indigo then harm will have been done I

624

00:25:23,350 --> 00:25:21,679

have not of course mentioned every

625

00:25:25,390 --> 00:25:23,360

single agenda that has autism at its

626

00:25:26,799 --> 00:25:25,400

centre but I believe I have touched on

627

00:25:29,770 --> 00:25:26,809

some of the more important and prominent

628

00:25:31,539 --> 00:25:29,780

ones unfortunately the nature of autism

629

00:25:33,399 --> 00:25:31,549

promises that new ones will come about

630

00:25:35,169 --> 00:25:33,409

in the future and will continue to

631

00:25:37,600 --> 00:25:35,179

divert attention from the progress being

632

00:25:45,690 --> 00:25:37,610

made by diligent researchers in helping

633

00:25:54,960 --> 00:25:48,730

you're listening to the skeptic zone I'm

634

00:26:03,789 --> 00:25:58,330

now it's time for dr. Rachel reports

635

00:26:06,430 --> 00:26:03,799

with dr. Rachel Dunlop hello everyone

636

00:26:08,830 --> 00:26:06,440

and welcome to dr. Reggie reports are

637

00:26:11,230 --> 00:26:08,840

you feeling blocked up and bloated /

638

00:26:13,900 --> 00:26:11,240

tired and stressed digestive system not

639

00:26:15,700 --> 00:26:13,910

functioning optimally one of the many

640

00:26:17,799 --> 00:26:15,710

physical symptoms resulting from a

641

00:26:21,310 --> 00:26:17,809

poorly functioning digestive system is

642

00:26:22,870 --> 00:26:21,320

the production of a lot of earwax now

643

00:26:25,570 --> 00:26:22,880

there is an easy way to flush your

644

00:26:28,690 --> 00:26:25,580

system of excess earwax whilst detoxing

645

00:26:32,169 --> 00:26:28,700

and relaxing all at the same time ear

646

00:26:33,789 --> 00:26:32,179

candles people are for you now today on

647

00:26:35,890 --> 00:26:33,799

dr. Rachel reports I'm going to be

648

00:26:38,560 --> 00:26:35,900

talking about one of the most ridiculous

649

00:26:40,870 --> 00:26:38,570

preposterous and insane forms of

650

00:26:45,190 --> 00:26:40,880

alternative medicine known as ear

651  
00:26:47,590 --> 00:26:45,200  
candles this modality encompasses just

652  
00:26:50,020 --> 00:26:47,600  
about every stupid misconception of CAM

653  
00:26:52,810 --> 00:26:50,030  
defies the laws of science in every

654  
00:26:56,110 --> 00:26:52,820  
possible way and above all is really

655  
00:26:57,820 --> 00:26:56,120  
really stupid now most of us would

656  
00:26:59,710 --> 00:26:57,830  
remember our mothers telling us not to

657  
00:27:02,350 --> 00:26:59,720  
put anything in our ears smaller than

658  
00:27:04,659 --> 00:27:02,360  
our elbows right well I don't remember

659  
00:27:07,270 --> 00:27:04,669  
if my mom ever mentioned not to put

660  
00:27:09,310 --> 00:27:07,280  
burning sticks in my ears but then why

661  
00:27:12,159 --> 00:27:09,320  
would she I think she knew I was not

662  
00:27:14,620 --> 00:27:12,169  
that stupid well she was certainly right

663  
00:27:16,180 --> 00:27:14,630

about me I'm certainly not about to put

664

00:27:17,860 --> 00:27:16,190

burning sticks in my ears but

665

00:27:21,850 --> 00:27:17,870

unfortunately the same cannot be said

666

00:27:24,010 --> 00:27:21,860

for other people so what is ear candling

667

00:27:27,669 --> 00:27:24,020

if you haven't heard of this prepared to

668

00:27:29,620 --> 00:27:27,679

be shocked an ear candle air cone or

669

00:27:32,799 --> 00:27:29,630

hoppy ear candle and some of them are

670

00:27:35,080 --> 00:27:32,809

non is an arrow hollow cone reminiscent

671

00:27:37,150 --> 00:27:35,090

of a household candle that has been

672

00:27:39,940 --> 00:27:37,160

soaked in beeswax or paraffin and

673

00:27:42,159 --> 00:27:39,950

allowed to harden the process of ear

674

00:27:44,350 --> 00:27:42,169

candling involves the patient lying on

675

00:27:46,630 --> 00:27:44,360

his or her side while someone else

676

00:27:49,120 --> 00:27:46,640

inserts the point of the candle inside

677

00:27:51,549 --> 00:27:49,130

your ear then the top of the candle is

678

00:27:54,340 --> 00:27:51,559

lit on fire and left to burn for up to

679

00:27:56,320 --> 00:27:54,350

15 minutes and the health claim most

680

00:27:58,960 --> 00:27:56,330

often made for ear candling is that the

681

00:28:00,730 --> 00:27:58,970

flame creates warmth and suction which

682

00:28:03,820 --> 00:28:00,740

is apparently supposed to draw ear wax

683

00:28:05,380 --> 00:28:03,830

out of the ear canal proponents say the

684

00:28:07,480 --> 00:28:05,390

evidence for this is in the candle

685

00:28:08,080 --> 00:28:07,490

itself because when you have finished

686

00:28:13,600 --> 00:28:08,090

can

687

00:28:16,240 --> 00:28:13,610

expose the brown waxy mush and they

688

00:28:17,710 --> 00:28:16,250

claim this as earwax as well as toxins

689

00:28:20,710 --> 00:28:17,720

that have been sucked out of your ear

690

00:28:22,750 --> 00:28:20,720

during the process proponents also say

691

00:28:25,060 --> 00:28:22,760

that ear candling can cure a wide range

692

00:28:27,850 --> 00:28:25,070

of medical problems including ear aches

693

00:28:31,990 --> 00:28:27,860

headaches sinus pain and infections

694

00:28:34,390 --> 00:28:32,000

sinus pressure tinnitus vertigo it can

695

00:28:36,789 --> 00:28:34,400

also remove impurities from the passages

696

00:28:38,680 --> 00:28:36,799

by drawing excess yeast fungus and

697

00:28:41,940 --> 00:28:38,690

bacteria from the sinuses and lymph

698

00:28:45,310 --> 00:28:41,950

glands and even revitalize the chakras

699

00:28:47,440 --> 00:28:45,320

yet absolutely none of this is true just

700

00:28:49,409 --> 00:28:47,450

so we know where we stand with each

701

00:28:53,669 --> 00:28:49,419

other at this point I wish to reiterate

702

00:28:57,850 --> 00:28:53,679

one ear candles are dangerous and stupid

703

00:29:00,519 --> 00:28:57,860

too they do more harm than good three

704

00:29:03,580 --> 00:29:00,529

they will not remove wax from your ears

705

00:29:06,820 --> 00:29:03,590

for in some cases they have actually

706

00:29:08,500 --> 00:29:06,830

deposited wax in people's ears and I'm

707

00:29:11,200 --> 00:29:08,510

almost embarrassed to tell you listeners

708

00:29:13,480 --> 00:29:11,210

that good science from proper scientists

709

00:29:15,730 --> 00:29:13,490

and doctors has been wasted testing

710

00:29:18,010 --> 00:29:15,740

these things and despite the evidence

711

00:29:20,320 --> 00:29:18,020

that they are well in that they do more

712

00:29:22,690 --> 00:29:20,330

harm than good camp people continue to

713

00:29:24,880 --> 00:29:22,700

buy them and use them now the seminal

714

00:29:27,580 --> 00:29:24,890

study on the safety and efficacy of ear

715

00:29:31,810 --> 00:29:27,590

candles comes from Celia tell and was

716

00:29:33,669 --> 00:29:31,820

published in laryngoscope in 1996 the

717

00:29:35,350 --> 00:29:33,679

authors were particularly interested in

718

00:29:38,830 --> 00:29:35,360

the claim that the candles create a

719

00:29:41,289 --> 00:29:38,840

vacuum as proponents said so they used a

720

00:29:43,149 --> 00:29:41,299

pressure measuring device to measure

721

00:29:45,549 --> 00:29:43,159

whether changes in pressure occurred

722

00:29:47,680 --> 00:29:45,559

during the duration of the burn they

723

00:29:50,200 --> 00:29:47,690

conducted 20 trials with two different

724

00:29:52,120 --> 00:29:50,210

types of candles and reported no

725

00:29:54,820 --> 00:29:52,130

negative pressure at any point during

726

00:29:57,070 --> 00:29:54,830

the trial they also conducted a clinical

727

00:29:59,919 --> 00:29:57,080

trial as part of this study involving

728

00:30:02,560 --> 00:29:59,929

four people two of which had ear wax and

729

00:30:04,570 --> 00:30:02,570

two who did not and they reported that

730

00:30:06,899 --> 00:30:04,580

the candles did not remove earwax as

731

00:30:09,760 --> 00:30:06,909

proposed and in fact in some cases

732

00:30:12,010 --> 00:30:09,770

candle wax was actually deposited in the

733

00:30:15,669 --> 00:30:12,020

patient's ears the authors of this study

734

00:30:18,730 --> 00:30:15,679

also conducted a survey of 122 ear nose

735

00:30:21,460 --> 00:30:18,740

and throat specialists and found 21

736

00:30:22,030 --> 00:30:21,470

cases of serious injury caused by ear

737

00:30:24,850 --> 00:30:22,040

candle

738

00:30:27,790 --> 00:30:24,860

in six of these cases patients

739

00:30:29,500 --> 00:30:27,800

temporarily lost their hearing and other

740

00:30:33,310 --> 00:30:29,510

problems reported among the group

741

00:30:35,260 --> 00:30:33,320

included certain cases of burns seven

742

00:30:38,080 --> 00:30:35,270

cases where the wax from the candle had

743

00:30:41,740 --> 00:30:38,090

blocked the ear canal and one case of a

744

00:30:43,750 --> 00:30:41,750

punctured eardrum in 2004 Ed's odd Ernst

745

00:30:46,750 --> 00:30:43,760

the professor of complementary medicine

746

00:30:48,340 --> 00:30:46,760

at the University of Exeter published a

747

00:30:51,880 --> 00:30:48,350

review article in the Journal of

748

00:30:54,340 --> 00:30:51,890

laryngology and otology entitled ear

749

00:30:57,130 --> 00:30:54,350

candles a triumph of ignorance over

750

00:30:59,650 --> 00:30:57,140

science and within this article he said

751

00:31:01,630 --> 00:30:59,660

ear candling is one of those care

752

00:31:04,360 --> 00:31:01,640

modalities that clearly does more harm

753

00:31:06,520 --> 00:31:04,370

than good its mechanism of action is

754

00:31:09,700 --> 00:31:06,530

first implausible and second

755

00:31:12,490 --> 00:31:09,710

demonstrably wrong in my view therefore

756

00:31:14,950 --> 00:31:12,500

it should be banned the website quack

757

00:31:17,170 --> 00:31:14,960

watch also published a frequently cited

758

00:31:18,640 --> 00:31:17,180

article where they illustrate the

759

00:31:21,820 --> 00:31:18,650

dangers of ear candling with the

760

00:31:23,980 --> 00:31:21,830

following stories a Canadian woman who

761

00:31:26,650 --> 00:31:23,990

experienced stuffiness in the nose and

762

00:31:28,750 --> 00:31:26,660

ear pains while scuba diving went to a

763

00:31:32,320 --> 00:31:28,760

local health food store and was referred

764

00:31:34,840 --> 00:31:32,330

to a qualified candler during their

765

00:31:37,450 --> 00:31:34,850

supposed treatment she felt an intense

766

00:31:39,610 --> 00:31:37,460

burning in her ear at the emergency room

767

00:31:41,880 --> 00:31:39,620

attempts to remove wax that had dripped

768

00:31:44,680 --> 00:31:41,890

from the candle into her eardrum failed

769

00:31:47,260 --> 00:31:44,690

surgery was required and the hole in her

770

00:31:49,990 --> 00:31:47,270

eardrum was discovered which presumably

771

00:31:52,000 --> 00:31:50,000

was caused by the procedure she

772

00:31:54,310 --> 00:31:52,010

recovered fully and luckily her hearing

773

00:31:57,040 --> 00:31:54,320

was not affected the practitioner

774

00:31:59,080 --> 00:31:57,050

involved apologized compensated the

775

00:32:02,260 --> 00:31:59,090

woman and stopped performing ear

776

00:32:04,540 --> 00:32:02,270

candling also they should in addition

777

00:32:06,850 --> 00:32:04,550

instances of significant fires

778

00:32:09,490 --> 00:32:06,860

associated with ear candling have been

779

00:32:14,770 --> 00:32:09,500

reported in Alaska one of which led to

780

00:32:17,260 --> 00:32:14,780

the users death on January 27 2005 a 59

781

00:32:18,910 --> 00:32:17,270

year old woman ignited her bedding when

782

00:32:21,570 --> 00:32:18,920

she dropped an ear candle that she was

783

00:32:24,190 --> 00:32:21,580

attempting to use without any assistance

784

00:32:25,900 --> 00:32:24,200

the candle ignited the bedding and

785

00:32:28,720 --> 00:32:25,910

quickly spread to curtains and other

786

00:32:30,820 --> 00:32:28,730

combustibles in the room the woman did

787

00:32:32,500 --> 00:32:30,830

escape the fire however but suffered an

788

00:32:35,400 --> 00:32:32,510

asthma attack and died in a hospital

789

00:32:37,350 --> 00:32:35,410

emergency room later based on this

790

00:32:39,090 --> 00:32:37,360

evidence and studies conducted by their

791

00:32:41,970 --> 00:32:39,100

own laboratories the canadian

792

00:32:45,420 --> 00:32:41,980

authorities banned ear candles from sale

793

00:32:47,310 --> 00:32:45,430

and import into canada the health canada

794

00:32:49,680 --> 00:32:47,320

website has this to say about ear

795

00:32:51,660 --> 00:32:49,690

candling the sale of this product for

796

00:32:54,840 --> 00:32:51,670

therapeutic purposes in canada is

797

00:32:56,820 --> 00:32:54,850

illegal as well both canada and the

798

00:32:59,180 --> 00:32:56,830

united states have issued directives

799

00:33:01,770 --> 00:32:59,190

that ban the importing of ear candles

800

00:33:03,840 --> 00:33:01,780

some promoters try to avoid the

801  
00:33:05,970 --> 00:33:03,850  
regulations by advertising that ear

802  
00:33:09,720 --> 00:33:05,980  
candles are for entertainment purposes

803  
00:33:11,130 --> 00:33:09,730  
only however health canada maintains

804  
00:33:12,960 --> 00:33:11,140  
that these people are selling the

805  
00:33:15,780 --> 00:33:12,970  
product illegally for medical purposes

806  
00:33:18,000 --> 00:33:15,790  
as there is no other reasonable use for

807  
00:33:20,400 --> 00:33:18,010  
ear candles which makes it even more

808  
00:33:24,090 --> 00:33:20,410  
preposterous that in Australia they are

809  
00:33:26,100 --> 00:33:24,100  
in fact listed with the TGA meaning they

810  
00:33:30,000 --> 00:33:26,110  
can be sold in pharmacies alongside

811  
00:33:32,220 --> 00:33:30,010  
science-based medicine this in my

812  
00:33:34,800 --> 00:33:32,230  
opinion is a complete failure on behalf

813  
00:33:37,680 --> 00:33:34,810

of the TGA with respect to protecting

814

00:33:40,080 --> 00:33:37,690

the public from harm the Australian

815

00:33:42,420 --> 00:33:40,090

register of therapeutic goods devices

816

00:33:46,140 --> 00:33:42,430

lists thirteen different types of ear

817

00:33:48,600 --> 00:33:46,150

candles including such nonsense as the

818

00:33:52,380 --> 00:33:48,610

alternate detox spa series of ear

819

00:33:54,480 --> 00:33:52,390

candles and these from why karma natural

820

00:33:57,150 --> 00:33:54,490

health products which are described as

821

00:33:59,850 --> 00:33:57,160

to apply a single treatment of ear

822

00:34:02,070 --> 00:33:59,860

cleansing directly to the air you know

823

00:34:04,320 --> 00:34:02,080

one has to wonder what the role of this

824

00:34:06,570 --> 00:34:04,330

clearly constipated government body is

825

00:34:08,300 --> 00:34:06,580

doing in protecting the public from harm

826

00:34:11,250 --> 00:34:08,310

when they register nonsense like this

827

00:34:13,380 --> 00:34:11,260

you only need to make a cursory glance

828

00:34:15,840 --> 00:34:13,390

at pubmed where you will find multiple

829

00:34:18,450 --> 00:34:15,850

papers providing evidence that these

830

00:34:20,610 --> 00:34:18,460

things are nonsense i personally have

831

00:34:23,070 --> 00:34:20,620

had experiences with staff in pharmacies

832

00:34:25,830 --> 00:34:23,080

in australia regarding these dangerous

833

00:34:27,750 --> 00:34:25,840

devices one who told me she wouldn't

834

00:34:29,960 --> 00:34:27,760

recommend them to customers but they

835

00:34:32,370 --> 00:34:29,970

sell really well so what can you do and

836

00:34:34,080 --> 00:34:32,380

another young guy who looked at me

837

00:34:36,210 --> 00:34:34,090

blankly when i suggested that ear

838

00:34:38,550 --> 00:34:36,220

candles have no place in a pharmacy of

839

00:34:40,080 --> 00:34:38,560

course I don't expect a kid with an

840

00:34:42,510 --> 00:34:40,090

after school job to know that these

841

00:34:45,120 --> 00:34:42,520

things are a scam and worse still can

842

00:34:47,010 --> 00:34:45,130

perforate your eardrums but I do expect

843

00:34:48,899 --> 00:34:47,020

the pharmacist to know and take

844

00:34:50,700 --> 00:34:48,909

responsible actions and I

845

00:34:53,609 --> 00:34:50,710

you expect the government to not turn a

846

00:34:55,440 --> 00:34:53,619

blind eye here's an example of one ear

847

00:34:57,870 --> 00:34:55,450

candle company who have hijacked the

848

00:35:00,299 --> 00:34:57,880

history of an ancient Indian tribe to

849

00:35:03,150 --> 00:35:00,309

add legitimacy to their product the bio

850

00:35:06,270 --> 00:35:03,160

Sun company claims that their hoppy ear

851  
00:35:08,460 --> 00:35:06,280  
candles are based on the formula that is

852  
00:35:12,750 --> 00:35:08,470  
traditional to the hoppy Indians of the

853  
00:35:15,960 --> 00:35:12,760  
USA cotton beeswax honey sage chamomile

854  
00:35:17,370 --> 00:35:15,970  
and st. John's wort the hoppy who are

855  
00:35:20,160 --> 00:35:17,380  
renowned for their great medicinal

856  
00:35:22,109 --> 00:35:20,170  
knowledge collaborated with bio Sun to

857  
00:35:27,000 --> 00:35:22,119  
pass their formula on to the rest of the

858  
00:35:28,799 --> 00:35:27,010  
world well not according to vanessa

859  
00:35:32,160 --> 00:35:28,809  
charles who is the public relations

860  
00:35:34,559 --> 00:35:32,170  
officer for the hoppy Tribal Council who

861  
00:35:36,450 --> 00:35:34,569  
has stated more than once there is no

862  
00:35:39,480 --> 00:35:36,460  
such treatment within traditional hoppy

863  
00:35:42,569 --> 00:35:39,490

healing practices vanessa has said that

864

00:35:44,970 --> 00:35:42,579

ear candling is quote not and has never

865

00:35:47,640 --> 00:35:44,980

been a practice conducted by the hoppy

866

00:35:49,650 --> 00:35:47,650

tribe or the hoppy people and even

867

00:35:51,930 --> 00:35:49,660

though the choppy tribe has repeatedly

868

00:35:55,109 --> 00:35:51,940

asked by our son to stop using the hoppy

869

00:35:57,329 --> 00:35:55,119

name bio son has not complied with their

870

00:35:59,299 --> 00:35:57,339

requests and continues to claim that ear

871

00:36:01,799 --> 00:35:59,309

candles originated within their tribe

872

00:36:03,559 --> 00:36:01,809

but people if I have still not convinced

873

00:36:07,260 --> 00:36:03,569

you that these are a load of nonsense

874

00:36:09,750 --> 00:36:07,270

why not become an ear canola gist yes

875

00:36:12,660 --> 00:36:09,760

you heard me right I did say ear canola

876

00:36:14,609 --> 00:36:12,670

gist you can become a certified ear

877

00:36:18,210 --> 00:36:14,619

canola gist with a correspondence course

878

00:36:21,029 --> 00:36:18,220

from the awareness Institute and quote

879

00:36:23,730 --> 00:36:21,039

perform a wonderful service to yourself

880

00:36:25,289 --> 00:36:23,740

and others this course consists of

881

00:36:27,450 --> 00:36:25,299

learning about the history of ear

882

00:36:30,630 --> 00:36:27,460

candling which is a lot of pain and

883

00:36:33,740 --> 00:36:30,640

suffering i think ear anatomy candling

884

00:36:36,510 --> 00:36:33,750

procedure cause an effect and much more

885

00:36:39,480 --> 00:36:36,520

this just goes to show that people will

886

00:36:41,370 --> 00:36:39,490

believe just about anything and i will

887

00:36:43,380 --> 00:36:41,380

leave the final word with ben goldacre

888

00:36:45,750 --> 00:36:43,390

from the bad science column and blog

889

00:36:48,480 --> 00:36:45,760

people who are so stupid that they'll by

890

00:36:50,000 --> 00:36:48,490

ear candles we I think that ear candles

891

00:36:52,829 --> 00:36:50,010

will be the least of their worries and

892

00:36:55,019 --> 00:36:52,839

if you'd like to buy a no ear candling

893

00:36:57,960 --> 00:36:55,029

t-shirt visit our t-shirt page at

894

00:36:59,670 --> 00:36:57,970

zazzle.com and to find the links and

895

00:37:02,220 --> 00:36:59,680

references for this story head to

896

00:37:02,520 --> 00:37:02,230

skeptics on TV and follow the links to

897

00:37:13,890 --> 00:37:02,530

this

898

00:37:21,420 --> 00:37:16,720

what do you think or do you know about

899

00:37:24,340 --> 00:37:21,430

ear candles ear Candace ear candles ah

900

00:37:27,340 --> 00:37:24,350

what I know about them think about I

901  
00:37:29,560 --> 00:37:27,350  
think they're pretty gross in a way like

902  
00:37:31,510 --> 00:37:29,570  
in the sense that i don't know i need to

903  
00:37:33,190 --> 00:37:31,520  
maybe do one I don't know what actually

904  
00:37:35,080 --> 00:37:33,200  
thing I really have an opinion on your

905  
00:37:36,430 --> 00:37:35,090  
candles and I think it's some weird

906  
00:37:38,250 --> 00:37:36,440  
hippie Indian thing or they stick a

907  
00:37:41,530 --> 00:37:38,260  
candle in your ear and light it and

908  
00:37:45,160 --> 00:37:41,540  
everything goes away it's rubbish are

909  
00:37:46,810 --> 00:37:45,170  
they what made out of earwax these are

910  
00:37:48,430 --> 00:37:46,820  
actually candles people stick in their

911  
00:37:51,430 --> 00:37:48,440  
ears and like the ends of them yeah

912  
00:37:53,290 --> 00:37:51,440  
that's not cool oh but did I really do

913  
00:37:55,420 --> 00:37:53,300

that yeah yeah no that's not cool at all

914

00:37:58,450 --> 00:37:55,430

listen I've been heard of it I have not

915

00:38:01,180 --> 00:37:58,460

heard of it it's yeah that's gross have

916

00:38:03,310 --> 00:38:01,190

you ever heard of ear candles or do you

917

00:38:04,720 --> 00:38:03,320

know anything about ear candles no they

918

00:38:09,250 --> 00:38:04,730

sound interesting those data type of

919

00:38:11,800 --> 00:38:09,260

firework in your ear like a roman candle

920

00:38:15,040 --> 00:38:11,810

that comes out if you what do you think

921

00:38:19,030 --> 00:38:15,050

they sound like yeah I'm really not sure

922

00:38:20,800 --> 00:38:19,040

what it what it mean to be honest is it

923

00:38:24,609 --> 00:38:20,810

they're not candles made me wax or

924

00:38:30,160 --> 00:38:24,619

something no they're not mmm so body

925

00:38:32,170 --> 00:38:30,170

would you buy that it's in cheap know

926  
00:38:33,490 --> 00:38:32,180  
their candles that you actually put into

927  
00:38:35,260 --> 00:38:33,500  
your ear and then you light at the end

928  
00:38:37,870 --> 00:38:35,270  
and they're supposed to draw wax out of

929  
00:38:39,640 --> 00:38:37,880  
your ears what do you think like that

930  
00:38:42,940 --> 00:38:39,650  
idea how the candles themselves made of

931  
00:38:44,800 --> 00:38:42,950  
wax ah yes so you put wax in your year

932  
00:38:47,560 --> 00:38:44,810  
to get wax out of your ears that is it

933  
00:38:50,260 --> 00:38:47,570  
right kind of what happens here I don't

934  
00:38:53,950 --> 00:38:50,270  
understand the scientific basis behind

935  
00:38:55,750 --> 00:38:53,960  
that or if there is any and personally I

936  
00:38:58,570 --> 00:38:55,760  
don't think I'd try that myself it

937  
00:39:01,300 --> 00:38:58,580  
sounds a bit bit out there and a bit

938  
00:39:03,010 --> 00:39:01,310

like golden people might might go for it

939

00:39:05,410 --> 00:39:03,020

but it doesn't sound like really work

940

00:39:09,010 --> 00:39:05,420

for me what do you think about putting a

941

00:39:11,109 --> 00:39:09,020

lit flare next to your hair oh if you've

942

00:39:13,090 --> 00:39:11,119

seen my hair it's pretty beautiful so I

943

00:39:15,910 --> 00:39:13,100

would I would never do that myself and

944

00:39:17,070 --> 00:39:15,920

I'd ever have had one from my experience

945

00:39:19,500 --> 00:39:17,080

the lighter in my hair

946

00:39:21,360 --> 00:39:19,510

no I would do it what about Bon Jovi

947

00:39:24,330 --> 00:39:21,370

you're a big fan of my Sophie Mitch I

948

00:39:26,400 --> 00:39:24,340

mean they have lots of pyrotechnics I'm

949

00:39:28,650 --> 00:39:26,410

pretty sure on David actually have

950

00:39:30,720 --> 00:39:28,660

insurance policies taken out on Bon

951  
00:39:32,400 --> 00:39:30,730  
Jovi's here because it's so beautiful so

952  
00:39:34,080 --> 00:39:32,410  
I think they have to really research

953  
00:39:37,980 --> 00:39:34,090  
stuff before they depart technics need

954  
00:39:42,720 --> 00:39:37,990  
near that hand okay focus Mitch ear

955  
00:39:45,990 --> 00:39:42,730  
candles yeah um imagine maybe the

956  
00:39:49,170 --> 00:39:46,000  
candles that out sort of bent 90 degrees

957  
00:39:51,600 --> 00:39:49,180  
so you can stick them in tears and you

958  
00:39:53,250 --> 00:39:51,610  
could like them and then they've never

959  
00:39:56,550 --> 00:39:53,260  
to act like you know one of those helmet

960  
00:39:58,920 --> 00:39:56,560  
with the with a light thing in front

961  
00:40:01,280 --> 00:39:58,930  
window caving maybe no that's what

962  
00:40:06,150 --> 00:40:01,290  
people used to use before they invented

963  
00:40:08,310 --> 00:40:06,160

like mantlet elements hi I'm dr. Stefan

964

00:40:10,950 --> 00:40:08,320

Soyka for the International Institute of

965

00:40:13,200 --> 00:40:10,960

ear candling Sciences an institute I

966

00:40:15,540 --> 00:40:13,210

found it and awarded myself an honorary

967

00:40:18,000 --> 00:40:15,550

PhD for my efforts in founding the

968

00:40:19,740 --> 00:40:18,010

Institute I'm here to tell you about an

969

00:40:22,020 --> 00:40:19,750

amazing scientific breakthrough a

970

00:40:23,640 --> 00:40:22,030

fantastic new product straight for the

971

00:40:25,830 --> 00:40:23,650

International Institute of ear candling

972

00:40:28,470 --> 00:40:25,840

sciences laboratory the incredible

973

00:40:31,140 --> 00:40:28,480

atlantis nexus ear candling drip wax

974

00:40:33,510 --> 00:40:31,150

protector after hours of extensive

975

00:40:36,270 --> 00:40:33,520

research i have developed an aloe vera

976

00:40:39,330 --> 00:40:36,280

infused crystal aligned astrologically

977

00:40:41,640 --> 00:40:39,340

sound an ultra non-toxic sheet of

978

00:40:44,520 --> 00:40:41,650

cardboard that fits snugly around the

979

00:40:46,620 --> 00:40:44,530

ear and protects your face hair third

980

00:40:48,660 --> 00:40:46,630

eye and upper chakras for the

981

00:40:51,450 --> 00:40:48,670

potentially life-threatening byproduct

982

00:40:53,580 --> 00:40:51,460

of ear candling hot wax we have

983

00:40:55,500 --> 00:40:53,590

conducted extensive anecdote gathering

984

00:40:57,660 --> 00:40:55,510

on the product and already the results

985

00:40:59,850 --> 00:40:57,670

are simply astounding we have had

986

00:41:02,250 --> 00:40:59,860

reports of clear thinking astral

987

00:41:04,620 --> 00:41:02,260

travelling deep tissue realignment and

988

00:41:06,900 --> 00:41:04,630

bedsore reduction after just a few

989

00:41:08,790 --> 00:41:06,910

sessions I personally have found the

990

00:41:10,860 --> 00:41:08,800

Atlantis nexus ear candling drip wax

991

00:41:12,870 --> 00:41:10,870

protector to be of great benefit during

992

00:41:15,270 --> 00:41:12,880

the more intense ich addling sessions

993

00:41:16,580 --> 00:41:15,280

when past lives are dredged up and

994

00:41:18,710 --> 00:41:16,590

through the healing process

995

00:41:21,020 --> 00:41:18,720

uncontrollable shaking can occur

996

00:41:23,150 --> 00:41:21,030

even with the most experienced Reiki

997

00:41:26,330 --> 00:41:23,160

practitioner on hand wax can go

998

00:41:28,370 --> 00:41:26,340

everywhere but not anymore ear candling

999

00:41:30,589 --> 00:41:28,380

has never been safer with the new

1000

00:41:33,320 --> 00:41:30,599

international institute of ear candling

1001  
00:41:35,780 --> 00:41:33,330  
sizes atlantis nexus ear candling drip

1002  
00:41:38,180 --> 00:41:35,790  
protector a life of pure health and

1003  
00:41:40,670 --> 00:41:38,190  
abundance awaits you as you realize your

1004  
00:41:43,099 --> 00:41:40,680  
full Universal potential with a lit

1005  
00:41:48,680 --> 00:41:43,109  
candle shoved in your ear order now at

1006  
00:41:50,570 --> 00:41:48,690  
only 179 dollars 95 plus postage on w WH

1007  
00:41:53,780 --> 00:41:50,580  
National Institute of ear candling

1008  
00:41:57,710 --> 00:41:53,790  
Sciences org slash Atlantis Nexus ear

1009  
00:42:00,830 --> 00:41:57,720  
candling drip protector / order form / ?

1010  
00:42:03,650 --> 00:42:00,840  
IP detect / trawl computer for username

1011  
00:42:06,920 --> 00:42:03,660  
and passwords / auto add to mailing list

1012  
00:42:09,800 --> 00:42:06,930  
/ PayPal redirect / confirm order now

1013  
00:42:16,860 --> 00:42:09,810

dot HTML and let your next ear candling

1014

00:42:20,950 --> 00:42:19,420

hello my name is my koala hand and

1015

00:42:22,930 --> 00:42:20,960

welcome to the roundup where I share

1016

00:42:25,090 --> 00:42:22,940

news and views of all interest skeptics

1017

00:42:28,150 --> 00:42:25,100

humanists secularists and followers of

1018

00:42:29,950 --> 00:42:28,160

the flying spaghetti monster my first

1019

00:42:31,960 --> 00:42:29,960

story is about the vapid British pop

1020

00:42:33,730 --> 00:42:31,970

star robbie williams this isn't the

1021

00:42:35,950 --> 00:42:33,740

first time I've mentioned this king of

1022

00:42:38,110 --> 00:42:35,960

shrill and shallow pop music Robbie

1023

00:42:40,210 --> 00:42:38,120

Williams is fascinated by aliens from

1024

00:42:42,400 --> 00:42:40,220

outer space and often goes on UFO

1025

00:42:44,440 --> 00:42:42,410

spotting camping trips you'll be

1026  
00:42:46,720 --> 00:42:44,450  
immensely pleased to know the Australian

1027  
00:42:48,490 --> 00:42:46,730  
pop singer Peter Andre well known for

1028  
00:42:50,740 --> 00:42:48,500  
his absolutely annoying single

1029  
00:42:53,860 --> 00:42:50,750  
mysterious girl is going to team up with

1030  
00:42:55,540 --> 00:42:53,870  
Robbie to hunt for aliens Peter Andre's

1031  
00:42:58,060 --> 00:42:55,550  
said to a British newspaper quote

1032  
00:43:00,250 --> 00:42:58,070  
Robbie's a great guy we've already been

1033  
00:43:02,410 --> 00:43:00,260  
texting about meeting up I'm going to

1034  
00:43:04,750 --> 00:43:02,420  
look for aliens and UFOs with him I'm

1035  
00:43:07,660 --> 00:43:04,760  
obsessed about them and gutted I've not

1036  
00:43:16,640 --> 00:43:07,670  
seen one yet and quote the world eagerly

1037  
00:43:22,110 --> 00:43:19,410  
on the subject of outer space aliens

1038  
00:43:24,060 --> 00:43:22,120

cult sci-fi comedy red dwarf is going to

1039

00:43:26,580 --> 00:43:24,070

return to TV screens for a special

1040

00:43:29,850 --> 00:43:26,590

two-part series more than 20 years after

1041

00:43:34,470 --> 00:43:29,860

was first aired the show ran for eight

1042

00:43:36,810 --> 00:43:34,480

seasons on the BBC from 1988 until 1999

1043

00:43:39,630 --> 00:43:36,820

the new episodes will be screened over

1044

00:43:41,700 --> 00:43:39,640

the Easter weekend in the UK the new

1045

00:43:43,500 --> 00:43:41,710

episodes written by co-created Doug

1046

00:43:45,780 --> 00:43:43,510

Naylor and featuring all the original

1047

00:43:48,120 --> 00:43:45,790

cast will see Dave Lister the last

1048

00:43:50,160 --> 00:43:48,130

living human and the hopeless crew of

1049

00:43:52,200 --> 00:43:50,170

the spaceship red dwarf returning to

1050

00:43:54,210 --> 00:43:52,210

earth there will also be a

1051  
00:43:56,460 --> 00:43:54,220  
behind-the-scenes special and an

1052  
00:43:59,520 --> 00:43:56,470  
unplugged episode with no sets no

1053  
00:44:01,560 --> 00:43:59,530  
effects and no cue cards the programme

1054  
00:44:03,810 --> 00:44:01,570  
attracted about eight million viewers at

1055  
00:44:12,940 --> 00:44:03,820  
its peak and was broadcast in more than

1056  
00:44:18,830 --> 00:44:15,980  
my next story is courtesy of mark bunker

1057  
00:44:20,750 --> 00:44:18,840  
creator of z new TV com a website that

1058  
00:44:22,849 --> 00:44:20,760  
exposes the illegal actions and

1059  
00:44:26,060 --> 00:44:22,859  
fraudulent activities perpetuated by the

1060  
00:44:28,130 --> 00:44:26,070  
Church of Scientology no doubt you have

1061  
00:44:29,810 --> 00:44:28,140  
heard of nancy cartwright she is best

1062  
00:44:32,090 --> 00:44:29,820  
known for providing the voice of bart

1063  
00:44:35,870 --> 00:44:32,100

simpson and various other characters in

1064

00:44:37,640 --> 00:44:35,880

the animated sitcom The Simpsons what

1065

00:44:39,080 --> 00:44:37,650

you may not know is that she has been a

1066

00:44:42,349 --> 00:44:39,090

dedicated member of the Church of

1067

00:44:44,720 --> 00:44:42,359

Scientology since 1989 she actually

1068

00:44:47,750 --> 00:44:44,730

donated a massive 10 million dollars to

1069

00:44:50,630 --> 00:44:47,760

Scientology in 2007 she is currently

1070

00:44:53,630 --> 00:44:50,640

using her bart simpson voice to promote

1071

00:44:55,040 --> 00:44:53,640

a scientology event in a robo call for

1072

00:44:57,440 --> 00:44:55,050

australian listeners this is an

1073

00:44:59,180 --> 00:44:57,450

automated telemarketing phone call that

1074

00:45:03,550 --> 00:44:59,190

uses a computer delivered recorded

1075

00:45:08,450 --> 00:45:03,560

message this is the recorded message

1076

00:45:10,130 --> 00:45:08,460

abbot a man this is bad Simpson just

1077

00:45:11,870 --> 00:45:10,140

kidding don't end up this is nancy

1078

00:45:14,720 --> 00:45:11,880

cartwright and this is a very special

1079

00:45:17,240 --> 00:45:14,730

phone call to you I'm now auditing on

1080

00:45:19,130 --> 00:45:17,250

new OT seven and have been asked to

1081

00:45:22,220 --> 00:45:19,140

speak at the flag World Tour event on

1082

00:45:24,970 --> 00:45:22,230

January 31st in the Grand Ballroom at

1083

00:45:29,420 --> 00:45:24,980

the hollywood & highland center at 630pm

1084

00:45:31,490 --> 00:45:29,430

it's going to be a blast man I will be

1085

00:45:33,560 --> 00:45:31,500

there to share my many wins and solo das

1086

00:45:35,870 --> 00:45:33,570

auditor and to see the Golden Arrow

1087

00:45:38,240 --> 00:45:35,880

still presentation of flag the mecca of

1088

00:45:40,940 --> 00:45:38,250

technical perfection I hope you can make

1089

00:45:43,700 --> 00:45:40,950

it man to confirm for the flag event

1090

00:45:49,400 --> 00:45:43,710

please call us back at eight eight eight

1091

00:45:54,380 --> 00:45:49,410

eight four 1713 one that's eight eight

1092

00:45:58,590 --> 00:45:54,390

eight eight four 1713 one see you there

1093

00:46:02,590 --> 00:46:01,360

creepy isn't it I'm sure the Simpsons

1094

00:46:03,880 --> 00:46:02,600

creator Matt Groening wouldn't

1095

00:46:06,070 --> 00:46:03,890

appreciate having one of his most

1096

00:46:08,350 --> 00:46:06,080

popular characters used to promote this

1097

00:46:10,810 --> 00:46:08,360

highly controversial cult was this

1098

00:46:13,150 --> 00:46:10,820

vetoed by Fox if not nancy cartwright

1099

00:46:14,980 --> 00:46:13,160

may have violated her contract I'm

1100

00:46:17,950 --> 00:46:14,990

certain the fans of The Simpsons would

1101  
00:46:19,630 --> 00:46:17,960  
agree if Bart Simpson really existed he

1102  
00:46:25,540 --> 00:46:19,640  
would be the last person to show support

1103  
00:46:27,370 --> 00:46:25,550  
for Scientology an incredibly brave

1104  
00:46:29,230 --> 00:46:27,380  
Sunshine Coast woman has blamed the

1105  
00:46:31,270 --> 00:46:29,240  
brisbane christian fellowship for

1106  
00:46:33,780 --> 00:46:31,280  
breaking up her family and has called

1107  
00:46:36,340 --> 00:46:33,790  
for a Senate inquiry into cult churches

1108  
00:46:38,830 --> 00:46:36,350  
helen pommery has been divorced by her

1109  
00:46:40,230 --> 00:46:38,840  
husband of 30 years and cut off from her

1110  
00:46:42,700 --> 00:46:40,240  
two children and three grandchildren

1111  
00:46:46,260 --> 00:46:42,710  
since she was excommunicated from the

1112  
00:46:49,150 --> 00:46:46,270  
brisbane christian fellowship in 2001

1113  
00:46:51,100 --> 00:46:49,160

she was given a week to leave home after

1114

00:46:53,050 --> 00:46:51,110

refusing to submit to the orders of her

1115

00:46:55,090 --> 00:46:53,060

husband and other Brisbane Christian

1116

00:46:56,920 --> 00:46:55,100

Fellowship elders who had banned her

1117

00:46:58,600 --> 00:46:56,930

from contacting a daughter who had

1118

00:47:01,750 --> 00:46:58,610

already been excommunicated from the

1119

00:47:03,820 --> 00:47:01,760

church miss palmer e wants a once

1120

00:47:05,770 --> 00:47:03,830

proposed senate inquiry into the

1121

00:47:08,320 --> 00:47:05,780

right-wing religious sect the exclusive

1122

00:47:10,270 --> 00:47:08,330

brethren to go ahead and to include the

1123

00:47:11,980 --> 00:47:10,280

brisbane Christian Fellowship miss

1124

00:47:13,780 --> 00:47:11,990

palmer e said the brisbane Christian

1125

00:47:16,600 --> 00:47:13,790

Fellowship which is a part of the

1126  
00:47:18,850 --> 00:47:16,610  
network of 25 churches uses abusive

1127  
00:47:20,830 --> 00:47:18,860  
tactics to maintain control over members

1128  
00:47:23,380 --> 00:47:20,840  
and was responsible for destroying

1129  
00:47:25,480 --> 00:47:23,390  
families laughably the Brisbane

1130  
00:47:28,630 --> 00:47:25,490  
Christian Fellowship claims to promote

1131  
00:47:30,880 --> 00:47:28,640  
sound family relationships she has also

1132  
00:47:32,740 --> 00:47:30,890  
said organizations such as the Brisbane

1133  
00:47:35,260 --> 00:47:32,750  
Christian Fellowship were granted

1134  
00:47:36,820 --> 00:47:35,270  
government concessions as churches but

1135  
00:47:39,240 --> 00:47:36,830  
were not subject to regulation or

1136  
00:47:41,530 --> 00:47:39,250  
answerable to any external Authority I

1137  
00:47:43,420 --> 00:47:41,540  
commend an admirer Mizpah Murray for

1138  
00:47:45,190 --> 00:47:43,430

standing up and exposing the abuses that

1139

00:47:47,530 --> 00:47:45,200

are perpetuated within these destructive

1140

00:47:49,330 --> 00:47:47,540

groups one wonders if our politicians

1141

00:47:53,950 --> 00:47:49,340

will ever address the abuses of these

1142

00:47:59,510 --> 00:47:57,380

hi this is Richard Saunders thanks to

1143

00:48:01,790 --> 00:47:59,520

the generosity of listeners like you I'm

1144

00:48:04,460 --> 00:48:01,800

able to supply my reporters with digital

1145

00:48:06,380 --> 00:48:04,470

recording equipment in fact I'm bidding

1146

00:48:08,540 --> 00:48:06,390

on some of the moment if you care to

1147

00:48:12,800 --> 00:48:08,550

make a donation if you like the show of

1148

00:48:15,170 --> 00:48:12,810

course go to ww skeptic zone TV and

1149

00:48:17,210 --> 00:48:15,180

click the paypal button we really

1150

00:48:19,580 --> 00:48:17,220

appreciate it and your money goes a long

1151  
00:48:27,260 --> 00:48:19,590  
way and helps us a great deal thanks

1152  
00:48:34,820 --> 00:48:27,270  
very much join us now for drinking

1153  
00:48:36,410 --> 00:48:34,830  
skeptically in the think tank well here

1154  
00:48:41,330 --> 00:48:36,420  
we are once again in the think tank

1155  
00:48:44,000 --> 00:48:41,340  
cheers everybody cheers think and i'd

1156  
00:48:45,830 --> 00:48:44,010  
like to welcome dr. rachel Dunlop hello

1157  
00:48:48,770 --> 00:48:45,840  
Richard how are you hello Rachael and

1158  
00:48:51,350 --> 00:48:48,780  
Tiffany day hello Richard a new skeptic

1159  
00:48:53,690 --> 00:48:51,360  
zone member Iran segev hello Iran hello

1160  
00:48:56,630 --> 00:48:53,700  
it's great that you could join us in the

1161  
00:48:58,490 --> 00:48:56,640  
old club here our new club in fact when

1162  
00:49:00,710 --> 00:48:58,500  
your club new club which is working out

1163  
00:49:02,240 --> 00:49:00,720

pretty well I think yeah it's okay sorry

1164

00:49:07,430 --> 00:49:02,250

I ain't rich pretty good here each other

1165

00:49:09,470 --> 00:49:07,440

isn't it yes it's really great so oh I

1166

00:49:11,750 --> 00:49:09,480

enjoyed Mike what was it corned beef for

1167

00:49:15,920 --> 00:49:11,760

some corned beef and white sauce classic

1168

00:49:18,290 --> 00:49:15,930

oldies oldies yeah okay with is he all

1169

00:49:20,780 --> 00:49:18,300

the old peoples we are in RSL so you

1170

00:49:23,090 --> 00:49:20,790

have to expect that kind of thing well

1171

00:49:24,950 --> 00:49:23,100

before we get stuck into the the stories

1172

00:49:26,960 --> 00:49:24,960

on the old think tank today a couple of

1173

00:49:30,910 --> 00:49:26,970

things I'd like to mention there's a new

1174

00:49:35,480 --> 00:49:30,920

blog being set up called mind-body

1175

00:49:37,250 --> 00:49:35,490

wallet oh wow my buddy whoa now if you

1176

00:49:40,370 --> 00:49:37,260

would like to contribute Saul about anti

1177

00:49:43,370 --> 00:49:40,380

quackery and if you've been itching to

1178

00:49:45,020 --> 00:49:43,380

have your opinions on quackery expressed

1179

00:49:48,550 --> 00:49:45,030

on the web and you haven't got around to

1180

00:49:51,150 --> 00:49:48,560

it yet you can write to anti quackery @

1181

00:49:53,190 --> 00:49:51,160

gmail.com

1182

00:49:56,850 --> 00:49:53,200

and you could be part of the new blog

1183

00:49:58,290 --> 00:49:56,860

mind bunny wallet dot blog spot.com I

1184

00:49:59,340 --> 00:49:58,300

think I'll have to get in touch with him

1185

00:50:01,710 --> 00:49:59,350

because I've got a few issues with

1186

00:50:04,140 --> 00:50:01,720

alternative medicine yes I do you add to

1187

00:50:06,780 --> 00:50:04,150

that as we heard earlier in the shackles

1188

00:50:08,340 --> 00:50:06,790

now another thing to mention is I've

1189

00:50:12,060 --> 00:50:08,350

been enjoying immensely and we've had

1190

00:50:17,670 --> 00:50:12,070

some ads for this particular podcast

1191

00:50:19,800 --> 00:50:17,680

humbug humbug 101 now that's because

1192

00:50:21,630 --> 00:50:19,810

it's really interesting it is it really

1193

00:50:23,370 --> 00:50:21,640

is really good information about logical

1194

00:50:25,470 --> 00:50:23,380

fallacies and this is stuff that we

1195

00:50:28,800 --> 00:50:25,480

should know automatically which I don't

1196

00:50:30,180 --> 00:50:28,810

I'm embarrassed to say a lot of logical

1197

00:50:32,970 --> 00:50:30,190

fallacies I'm still learning how to

1198

00:50:35,370 --> 00:50:32,980

identify them and everything but do

1199

00:50:40,710 --> 00:50:35,380

listen to the podcast you can find that

1200

00:50:42,570 --> 00:50:40,720

at ww skeptics field guide net it is a

1201

00:50:44,280 --> 00:50:42,580

really good podcast I'm enjoying it

1202

00:50:46,560 --> 00:50:44,290

immensely they interviewed a psychic a

1203

00:50:48,810 --> 00:50:46,570

couple of interviews a podcast ago

1204

00:50:50,430 --> 00:50:48,820

they've also released a book having a

1205

00:50:54,960 --> 00:50:50,440

Richard they even buy at that website

1206

00:50:57,000 --> 00:50:54,970

you can indeed the humbug book again

1207

00:50:58,500 --> 00:50:57,010

full of how to spot logical fallacies

1208

00:51:02,040 --> 00:50:58,510

and something every skeptic should know

1209

00:51:06,480 --> 00:51:02,050

I think sounds good doesn't it doesn't

1210

00:51:09,480 --> 00:51:06,490

do and while i'm on a roll thank you

1211

00:51:11,670 --> 00:51:09,490

thank you very much good alcohol friend

1212

00:51:13,350 --> 00:51:11,680

Fred Bremer in Vancouver Canada who got

1213

00:51:15,990 --> 00:51:13,360

that little snippet of james randi at

1214

00:51:18,210 --> 00:51:16,000

the beginning of the episode this is

1215

00:51:21,150 --> 00:51:18,220

james randi and you're listening to the

1216

00:51:22,320 --> 00:51:21,160

skeptic zone I was so good Fred hi Fred

1217

00:51:24,630 --> 00:51:22,330

thanks so much for that fred was

1218

00:51:27,660 --> 00:51:24,640

actually at a talk that james randi did

1219

00:51:29,160 --> 00:51:27,670

maneuver and after that everyone saw

1220

00:51:31,410 --> 00:51:29,170

that rates down to skeptics in the pub

1221

00:51:33,630 --> 00:51:31,420

and to their surprise I believe this is

1222

00:51:36,330 --> 00:51:33,640

the impression I got from facebook and

1223

00:51:38,070 --> 00:51:36,340

flickr Randy just turned up to have a

1224

00:51:39,570 --> 00:51:38,080

drink with them I think that's what

1225

00:51:41,250 --> 00:51:39,580

happened that's when Fred was kind

1226  
00:51:42,780 --> 00:51:41,260  
enough to think about thank God a little

1227  
00:51:44,070 --> 00:51:42,790  
soundbite of Randy which she heard at

1228  
00:51:46,440 --> 00:51:44,080  
the very beginning of the show today

1229  
00:51:49,770 --> 00:51:46,450  
it'd be nice if Randy just showed up

1230  
00:51:50,730 --> 00:51:49,780  
here Peter Samaras he's a clever man you

1231  
00:51:52,710 --> 00:51:50,740  
know

1232  
00:51:56,130 --> 00:51:52,720  
he's a magician maybe he can operate

1233  
00:51:58,470 --> 00:51:56,140  
maybe he can never maybe he can yeah you

1234  
00:52:01,830 --> 00:51:58,480  
haven't met James Randi yet have you no

1235  
00:52:04,440 --> 00:52:01,840  
no I hope to be a next time and meet him

1236  
00:52:06,480 --> 00:52:04,450  
finally I mean liaison with him by mail

1237  
00:52:08,670 --> 00:52:06,490  
but I'll ryan right he's a marvelous man

1238  
00:52:11,220 --> 00:52:08,680

i mean really i mean he's friendly and

1239

00:52:13,650 --> 00:52:11,230

he's funny and he can't resist doing

1240

00:52:15,450 --> 00:52:13,660

magic tricks and the drama at the drop

1241

00:52:17,940 --> 00:52:15,460

of a magic hat you'll pull a rabbit out

1242

00:52:20,160 --> 00:52:17,950

of it it's now what do you have there

1243

00:52:22,830 --> 00:52:20,170

Rach all some very important news very

1244

00:52:25,200 --> 00:52:22,840

important news now our Australian

1245

00:52:27,510 --> 00:52:25,210

listeners would understand that the

1246

00:52:28,680 --> 00:52:27,520

significance of this and as a lot of you

1247

00:52:31,320 --> 00:52:28,690

would have heard earlier in the podcast

1248

00:52:33,630 --> 00:52:31,330

it was Australia Day on Monday here and

1249

00:52:35,430 --> 00:52:33,640

as a part of Australia Day we have

1250

00:52:37,350 --> 00:52:35,440

awards given out by our government the

1251  
00:52:39,540 --> 00:52:37,360  
who record that recognizes people that

1252  
00:52:42,630 --> 00:52:39,550  
have contributed to society in some way

1253  
00:52:46,109 --> 00:52:42,640  
or another and often a lot of sportsmen

1254  
00:52:49,820 --> 00:52:46,119  
are recognized or you know celebrities

1255  
00:52:53,430 --> 00:52:49,830  
but my dad got an award this year oh

1256  
00:52:58,320 --> 00:52:53,440  
yeah was fantastic my dad got an order

1257  
00:53:00,480 --> 00:52:58,330  
of australia medal for services he for

1258  
00:53:04,230 --> 00:53:00,490  
services he's given to Vietnam veterans

1259  
00:53:05,880 --> 00:53:04,240  
for I'm doing a lot of work in fighting

1260  
00:53:07,680 --> 00:53:05,890  
for their entitlements since they got

1261  
00:53:10,470 --> 00:53:07,690  
back from Vietnam and also for work he's

1262  
00:53:13,560 --> 00:53:10,480  
done helping disenfranchised and

1263  
00:53:16,440 --> 00:53:13,570

delinquent youth Wow through a program

1264

00:53:18,480 --> 00:53:16,450

called Operation Flinders where he would

1265

00:53:20,430 --> 00:53:18,490

take kids in trouble or kids on the

1266

00:53:23,310 --> 00:53:20,440

street up to the bush for a week and

1267

00:53:24,859 --> 00:53:23,320

teach them about teamwork and instill

1268

00:53:28,489 --> 00:53:24,869

them with self-esteem and

1269

00:53:30,620 --> 00:53:28,499

give them a lesson in you know how to to

1270

00:53:32,120 --> 00:53:30,630

bond with people again and that program

1271

00:53:34,759 --> 00:53:32,130

is it has been incredibly successful

1272

00:53:36,920 --> 00:53:34,769

that's just amazing news I know your

1273

00:53:39,920 --> 00:53:36,930

daddy's and he's a wonderful guy and to

1274

00:53:42,529 --> 00:53:39,930

our UK listeners that's something

1275

00:53:45,170 --> 00:53:42,539

equivalent to an MBE or an over ye so

1276

00:53:47,720 --> 00:53:45,180

that's quite a high honor it is high on

1277

00:53:51,650 --> 00:53:47,730

technique he really deserves it he's

1278

00:53:53,120 --> 00:53:51,660

he's done some great stuff so yeah now

1279

00:53:54,499 --> 00:53:53,130

Tiffany something's caught your

1280

00:53:56,749 --> 00:53:54,509

attention something did catch my

1281

00:53:59,660 --> 00:53:56,759

attention today in the news Sir David

1282

00:54:01,880 --> 00:53:59,670

Attenborough you may know him famous

1283

00:54:03,319 --> 00:54:01,890

British broadcaster and naturalist has

1284

00:54:06,920 --> 00:54:03,329

been getting a lot of hate mail from

1285

00:54:09,440 --> 00:54:06,930

creationists why anybody on this planet

1286

00:54:11,960 --> 00:54:09,450

could ever send David Attenborough hate

1287

00:54:16,239 --> 00:54:11,970

mail is beyond me well apparently they

1288

00:54:21,650 --> 00:54:18,769

he's got a documentary series coming out

1289

00:54:24,529 --> 00:54:21,660

on Charles Darwin that is this coming

1290

00:54:26,329 --> 00:54:24,539

week in Britain oh yeah and he said that

1291

00:54:28,579 --> 00:54:26,339

it's basically the stories is expecting

1292

00:54:31,700 --> 00:54:28,589

a lot more hate mail on account of that

1293

00:54:32,890 --> 00:54:31,710

because he has a hard time with people

1294

00:54:34,480 --> 00:54:32,900

and

1295

00:54:36,640 --> 00:54:34,490

for the fact that he believes in

1296

00:54:38,350 --> 00:54:36,650

evolution know which is how it's worded

1297

00:54:39,820 --> 00:54:38,360

here it says over his belief in

1298

00:54:42,700 --> 00:54:39,830

evolution which I don't even really like

1299

00:54:45,220 --> 00:54:42,710

that too yeah belief in evolution yeah

1300

00:54:50,440 --> 00:54:45,230

something it's a sure to believe it I

1301

00:54:52,450 --> 00:54:50,450

don't believe in maths it just yes but

1302

00:54:55,000 --> 00:54:52,460

it's also tough isn't it because i think

1303

00:54:56,800 --> 00:54:55,010

i read somewhere in the UK press that

1304

00:54:59,470 --> 00:54:56,810

the creationists are angry because

1305

00:55:01,390 --> 00:54:59,480

throughout the many many years and he

1306

00:55:03,160 --> 00:55:01,400

has done nature documentaries he's never

1307

00:55:05,140 --> 00:55:03,170

attributed the beauty of the world to

1308

00:55:07,600 --> 00:55:05,150

god that's right he's never actually

1309

00:55:09,430 --> 00:55:07,610

said well thank thank the lord for

1310

00:55:11,890 --> 00:55:09,440

creating this bird but there is

1311

00:55:13,600 --> 00:55:11,900

something he does that the creationists

1312

00:55:15,310 --> 00:55:13,610

always pick up on don't know Richard and

1313

00:55:16,330 --> 00:55:15,320

one of those things is for example

1314

00:55:18,460 --> 00:55:16,340

they'll say the beauty of that

1315

00:55:20,980 --> 00:55:18,470

hummingbird that you photographed in the

1316

00:55:22,630 --> 00:55:20,990

last series and he comes back with that

1317

00:55:24,880 --> 00:55:22,640

you know about this how he responded

1318

00:55:27,550 --> 00:55:24,890

year since I've but I've heard him say

1319

00:55:30,400 --> 00:55:27,560

this on in an interview before but he

1320

00:55:32,260 --> 00:55:30,410

says Sir David Attenborough says they

1321

00:55:33,760 --> 00:55:32,270

always mean beautiful things like

1322

00:55:36,130 --> 00:55:33,770

hummingbirds will talk about the natural

1323

00:55:38,950 --> 00:55:36,140

world and God's creation and he replies

1324

00:55:41,580 --> 00:55:38,960

by saying that that he thinks of the

1325

00:55:46,000 --> 00:55:41,590

little child in East Africa with a worm

1326  
00:55:48,040 --> 00:55:46,010  
borrowing through its eyeball and which

1327  
00:55:50,020 --> 00:55:48,050  
you can take as being all the horrible

1328  
00:55:52,300 --> 00:55:50,030  
things that happen to people all around

1329  
00:55:54,700 --> 00:55:52,310  
the world that's right every national

1330  
00:55:56,410 --> 00:55:54,710  
though and he said yeah that worm cannot

1331  
00:55:58,780 --> 00:55:56,420  
live in any other way except by

1332  
00:56:02,350 --> 00:55:58,790  
burrowing through eyeballs hmm so how

1333  
00:56:04,180 --> 00:56:02,360  
can you how can it yeah kind of it's

1334  
00:56:05,680 --> 00:56:04,190  
cherry picking me the data in a way

1335  
00:56:10,330 --> 00:56:05,690  
isn't it but is it isn't it interesting

1336  
00:56:13,480 --> 00:56:10,340  
that the first time is it no the people

1337  
00:56:16,270 --> 00:56:13,490  
who are were the most venom and hatred

1338  
00:56:19,120 --> 00:56:16,280

in their hearts are the fundamentalist

1339

00:56:22,300 --> 00:56:19,130

Christians who have should be living by

1340

00:56:23,839 --> 00:56:22,310

forgive turn the other cheek compassion

1341

00:56:25,219 --> 00:56:23,849

oh boy

1342

00:56:28,279 --> 00:56:25,229

another one saying I hope you burn in

1343

00:56:30,620 --> 00:56:28,289

hell yeah tortured forever yeah yeah for

1344

00:56:33,109 --> 00:56:30,630

all of eternity a bit for being a nice

1345

00:56:35,089 --> 00:56:33,119

guy basically yeah I mean he's a he's a

1346

00:56:38,559 --> 00:56:35,099

notch isn't he oh yes he's gonna do some

1347

00:56:41,390 --> 00:56:38,569

brothers old yes yeah I mean he's done

1348

00:56:43,609 --> 00:56:41,400

he's just retires retiring this year I

1349

00:56:47,200 --> 00:56:43,619

thought he had retired actually he's

1350

00:56:50,239 --> 00:56:47,210

only 82 well that's true he's just

1351  
00:56:52,880 --> 00:56:50,249  
rolling about two years ago he filmed

1352  
00:56:54,529 --> 00:56:52,890  
other um in the undergrowth flight in

1353  
00:56:58,039 --> 00:56:54,539  
the undergrowth oh yeah that was

1354  
00:57:00,140 --> 00:56:58,049  
fantastic and you know he was 79 80

1355  
00:57:01,969 --> 00:57:00,150  
years old crawling on the ground digging

1356  
00:57:04,640 --> 00:57:01,979  
young doing all those things he's

1357  
00:57:05,989 --> 00:57:04,650  
obviously got a lot in him no I'm

1358  
00:57:07,999 --> 00:57:05,999  
solutely he's so passionate and

1359  
00:57:10,309 --> 00:57:08,009  
enthusiastic about what he does doesn't

1360  
00:57:12,259 --> 00:57:10,319  
know he's just simply the best presenter

1361  
00:57:13,940 --> 00:57:12,269  
on for nature documentaries that's been

1362  
00:57:16,640 --> 00:57:13,950  
oh no you listen to the skipping zone

1363  
00:57:18,769 --> 00:57:16,650

sir david so we do appreciate you and

1364

00:57:21,890 --> 00:57:18,779

heartfelt congratulations for your world

1365

00:57:24,769 --> 00:57:21,900

yes yeah is that documentary coming out

1366

00:57:26,509 --> 00:57:24,779

for Darwin's birthday it is yes this

1367

00:57:29,150 --> 00:57:26,519

year marks the 200th anniversary of

1368

00:57:31,370 --> 00:57:29,160

Darwin's birth and 150 years since his

1369

00:57:34,219 --> 00:57:31,380

most famous work the origin of species

1370

00:57:37,120 --> 00:57:34,229

hmm it was an episode of The Simpsons on

1371

00:57:39,499 --> 00:57:37,130

just the other day where they have the

1372

00:57:42,789 --> 00:57:39,509

Springfield they were forced to teach

1373

00:57:44,950 --> 00:57:42,799

the kids creationism and Lisa set up a

1374

00:57:50,209 --> 00:57:44,960

rebel group of students to learn

1375

00:57:52,370 --> 00:57:50,219

evolution I think that one's funny only

1376  
00:57:54,499 --> 00:57:52,380  
you and Homer had to say about it and

1377  
00:57:57,259 --> 00:57:54,509  
while still in the UK I've got some news

1378  
00:57:58,969 --> 00:57:57,269  
about some a person well I guess it's

1379  
00:58:01,009 --> 00:57:58,979  
kind of legislation I don't know if you

1380  
00:58:02,720 --> 00:58:01,019  
call it that but not the complementary

1381  
00:58:04,700 --> 00:58:02,730  
and natural health care council

1382  
00:58:09,800 --> 00:58:04,710  
in the UK announced a code of conduct

1383  
00:58:11,690 --> 00:58:09,810  
this week and it's designed to to create

1384  
00:58:13,670 --> 00:58:11,700  
regulations for alternative medicine

1385  
00:58:14,840 --> 00:58:13,680  
practitioners and if you don't know

1386  
00:58:16,900 --> 00:58:14,850  
anything about the complementary

1387  
00:58:19,940 --> 00:58:16,910  
Mountain National Health Care Council

1388  
00:58:21,680 --> 00:58:19,950

they were established in 2008 with money

1389

00:58:24,890 --> 00:58:21,690

from the Department of Health in the UK

1390

00:58:28,220 --> 00:58:24,900

and also the King's Fund they were given

1391

00:58:30,650 --> 00:58:28,230

1.9 million pounds in total and the

1392

00:58:32,870 --> 00:58:30,660

purpose of their establishment was to

1393

00:58:35,180 --> 00:58:32,880

enhance public protection by setting

1394

00:58:37,670 --> 00:58:35,190

standards in the area of alternative

1395

00:58:38,900 --> 00:58:37,680

medicine which is great yeah so

1396

00:58:41,060 --> 00:58:38,910

basically they're supposed to be there

1397

00:58:44,900 --> 00:58:41,070

to make sure that the industry is

1398

00:58:46,520 --> 00:58:44,910

regulated but they did introduce some

1399

00:58:50,720 --> 00:58:46,530

regulation this week but it's a code of

1400

00:58:52,430 --> 00:58:50,730

conduct and it has nothing to do with

1401  
00:58:57,370 --> 00:58:52,440  
addressing the efficacy or effectiveness

1402  
00:58:59,420 --> 00:58:57,380  
of the treatments it's simply a form of

1403  
00:59:01,490 --> 00:58:59,430  
legislation to make sure that everyone

1404  
00:59:02,960 --> 00:59:01,500  
has the right certificates and that they

1405  
00:59:04,880 --> 00:59:02,970  
conduct themselves in the correct manner

1406  
00:59:06,740 --> 00:59:04,890  
and that they have insurance and that

1407  
00:59:09,109 --> 00:59:06,750  
they have insurance that's interesting

1408  
00:59:11,990 --> 00:59:09,119  
yes that's interesting why does it have

1409  
00:59:13,280 --> 00:59:12,000  
to have a choice yeah yeah however one

1410  
00:59:15,050 --> 00:59:13,290  
of the cabinets which I found quite

1411  
00:59:18,349 --> 00:59:15,060  
interesting was that leads it is

1412  
00:59:21,560 --> 00:59:18,359  
actually voluntary and secondly it costs

1413  
00:59:24,710 --> 00:59:21,570

money to join it's 45 quid I know that's

1414

00:59:27,560 --> 00:59:24,720

not a lot of money but yeah it's a

1415

00:59:29,450 --> 00:59:27,570

voluntary for a start Maggie done who is

1416

00:59:32,450 --> 00:59:29,460

the co-chair of the complimentary

1417

00:59:34,609 --> 00:59:32,460

National Health Care Council she said

1418

00:59:37,160 --> 00:59:34,619

that the aim of it was to clean up the

1419

00:59:39,830 --> 00:59:37,170

industry and apparently one in five

1420

00:59:42,080 --> 00:59:39,840

people in the UK use some alternative

1421

00:59:44,840 --> 00:59:42,090

therapy clinics I'm surprised it's only

1422

00:59:48,520 --> 00:59:44,850

one in five well it's only one in fact

1423

00:59:50,720 --> 00:59:48,530

that's what she's quoted her she said um

1424

00:59:53,000 --> 00:59:50,730

but then I guess it's difficult to tell

1425

00:59:54,410 --> 00:59:53,010

is that if there's no regulation how can

1426  
00:59:57,160 --> 00:59:54,420  
they tell how many people that would

1427  
01:00:00,430 --> 00:59:57,170  
just be a survey of people

1428  
01:00:02,500 --> 01:00:00,440  
maybe yeah but what's going to lead me

1429  
01:00:06,940 --> 01:00:02,510  
to a segue but I won't go there which

1430  
01:00:08,829 --> 01:00:06,950  
was I'll go come on I know this story

1431  
01:00:11,970 --> 01:00:08,839  
that we saw on Monday on today tonight

1432  
01:00:15,370 --> 01:00:11,980  
about the psychic predictions for 2009

1433  
01:00:16,960 --> 01:00:15,380  
did anyone see that story no I've heard

1434  
01:00:18,460 --> 01:00:16,970  
about it if you missed it it's on my

1435  
01:00:21,010 --> 01:00:18,470  
youtube channel i could go to youtube

1436  
01:00:23,079 --> 01:00:21,020  
and go to rape gcd you'll find it it was

1437  
01:00:26,200 --> 01:00:23,089  
a quite a well-known psychic from

1438  
01:00:29,530 --> 01:00:26,210

Australia predicting yeah you can cut

1439

01:00:31,900 --> 01:00:29,540

this out of here well she predicted lots

1440

01:00:33,670 --> 01:00:31,910

of interesting things yes but remember

1441

01:00:35,319 --> 01:00:33,680

the presenter on that story said that

1442

01:00:36,930 --> 01:00:35,329

it's estimated that there's something

1443

01:00:40,000 --> 01:00:36,940

like six million dollars spent on

1444

01:00:43,329 --> 01:00:40,010

psychics every year but we're not sure

1445

01:00:45,460 --> 01:00:43,339

if that's if that's an underestimation

1446

01:00:50,289 --> 01:00:45,470

well you only the psychic could tell him

1447

01:00:53,230 --> 01:00:50,299

exactly defense well you really you and

1448

01:00:55,870 --> 01:00:53,240

I have been to the mind-body-spirit read

1449

01:00:58,150 --> 01:00:55,880

mind-body warrant festival few times if

1450

01:01:00,069 --> 01:00:58,160

he's booth a half the booth of people

1451

01:01:03,160 --> 01:01:00,079

doing all sorts of witchcraft yes

1452

01:01:05,079 --> 01:01:03,170

witchcraft and hokum and magic and stuff

1453

01:01:08,079 --> 01:01:05,089

and you gotta wonder and there's lots of

1454

01:01:11,680 --> 01:01:08,089

money being changed hands yeah my

1455

01:01:13,480 --> 01:01:11,690

department is at the end collecting if

1456

01:01:15,490 --> 01:01:13,490

the tax department run after all sorts

1457

01:01:17,079 --> 01:01:15,500

of people pay tax department the

1458

01:01:20,049 --> 01:01:17,089

alternative of health industry and the

1459

01:01:22,150 --> 01:01:20,059

psychics are ripping you off me but go

1460

01:01:24,160 --> 01:01:22,160

investigate actually ringing ourselves

1461

01:01:25,599 --> 01:01:24,170

they're ripping us off well you're

1462

01:01:28,750 --> 01:01:25,609

absolutely right yes parents the

1463

01:01:32,049 --> 01:01:28,760

taxpayers yeah but to come back to this

1464

01:01:34,270 --> 01:01:32,059

some piece of code of conduct ms done

1465

01:01:35,799 --> 01:01:34,280

who is the co-chair said it won't take

1466

01:01:38,319 --> 01:01:35,809

long for customers to start asking

1467

01:01:40,270 --> 01:01:38,329

whether a practitioner is registered or

1468

01:01:42,549 --> 01:01:40,280

searching on our website from ones that

1469

01:01:45,130 --> 01:01:42,559

are then people will vote with their

1470

01:01:47,049 --> 01:01:45,140

feet that's actually worse they're not

1471

01:01:49,180 --> 01:01:47,059

having any system at all because what it

1472

01:01:51,849 --> 01:01:49,190

means is that it gives them legitimacy

1473

01:01:55,720 --> 01:01:51,859

similar to the listed numbers then the

1474

01:01:58,210 --> 01:01:55,730

TGA it has in Australia where medication

1475

01:02:00,760 --> 01:01:58,220

seems to be officially endorsed it's not

1476

01:02:01,990 --> 01:02:00,770

really endorse it's just listing costs a

1477

01:02:02,609 --> 01:02:02,000

little bit of money that's all you don't

1478

01:02:06,180 --> 01:02:02,619

have to provide

1479

01:02:07,769 --> 01:02:06,190

any evidence of efficacy or safety you

1480

01:02:10,339 --> 01:02:07,779

just have to say you have some evidence

1481

01:02:13,319 --> 01:02:10,349

no this is this is similar it gives them

1482

01:02:15,539 --> 01:02:13,329

legitimacy something I absolutely agree

1483

01:02:19,999 --> 01:02:15,549

with you and what it actually involves

1484

01:02:22,829 --> 01:02:20,009

is that the therapist will get a little

1485

01:02:25,109 --> 01:02:22,839

logo from the regulator with a tick that

1486

01:02:26,940 --> 01:02:25,119

they can put on their stationary their

1487

01:02:28,890 --> 01:02:26,950

promotional material and on their front

1488

01:02:30,509 --> 01:02:28,900

the front of their shop windows to

1489

01:02:33,420 --> 01:02:30,519

indicate that they have been approved so

1490

01:02:35,489 --> 01:02:33,430

they're an approved crack yes and I

1491

01:02:36,779 --> 01:02:35,499

blogged about this this week actually so

1492

01:02:38,999 --> 01:02:36,789

if you want to read all the details and

1493

01:02:42,440 --> 01:02:39,009

find the lengths people head to skeptics

1494

01:02:48,239 --> 01:02:42,450

volcom there's a little Q with a V in it

1495

01:02:52,920 --> 01:02:48,249

quack no deal with the ticketing cnh see

1496

01:02:56,370 --> 01:02:52,930

which of the radiation venom oh yeah and

1497

01:02:58,230 --> 01:02:56,380

so the thing is even EDS odd Ernst who

1498

01:02:59,819 --> 01:02:58,240

most people would have heard me carrying

1499

01:03:01,680 --> 01:02:59,829

on about every time we did this podcast

1500

01:03:03,420 --> 01:03:01,690

he's the professor of complementary

1501  
01:03:06,059 --> 01:03:03,430  
medicine at the University of Exeter and

1502  
01:03:07,859 --> 01:03:06,069  
even he said there does need to be more

1503  
01:03:10,109 --> 01:03:07,869  
rigor in the regulation of complementary

1504  
01:03:11,819 --> 01:03:10,119  
medicine however I have concerns that

1505  
01:03:13,559 --> 01:03:11,829  
the regulator does not have mandatory

1506  
01:03:16,559 --> 01:03:13,569  
powers and is not looking at the

1507  
01:03:19,710 --> 01:03:16,569  
efficacy of these therapies so basically

1508  
01:03:21,299 --> 01:03:19,720  
all you have to do to become registered

1509  
01:03:23,130 --> 01:03:21,309  
is demonstrate that you have the right

1510  
01:03:25,799 --> 01:03:23,140  
qualifications now that I have a problem

1511  
01:03:27,660 --> 01:03:25,809  
with that for a start because what what

1512  
01:03:29,160 --> 01:03:27,670  
if you're a qualified homeopathy I mean

1513  
01:03:31,589 --> 01:03:29,170

basically that just meant you turned up

1514

01:03:34,079 --> 01:03:31,599

to homeopathic school and poured water

1515

01:03:35,999 --> 01:03:34,089

in a little jar gave yourself a degree

1516

01:03:38,579 --> 01:03:36,009

well are you bought it from what is what

1517

01:03:40,950 --> 01:03:38,589

is an approved on the uppity school it's

1518

01:03:42,329 --> 01:03:40,960

not defined as far as IQ can't be

1519

01:03:44,749 --> 01:03:42,339

defined they make they approve it

1520

01:03:46,680 --> 01:03:44,759

themselves then it sounds as if I what

1521

01:03:49,859 --> 01:03:46,690

qualifications you

1522

01:03:51,569 --> 01:03:49,869

be candid to me invitation to me it's

1523

01:03:54,300 --> 01:03:51,579

really open I absolutely agree with you

1524

01:03:57,120 --> 01:03:54,310

it is as I said in my blog it's just if

1525

01:03:58,859 --> 01:03:57,130

backwards they should be looking at the

1526

01:04:00,680 --> 01:03:58,869

efficacy of these things first and then

1527

01:04:03,420 --> 01:04:00,690

looking at how they've been carried out

1528

01:04:05,130 --> 01:04:03,430

but I looked into this a bit further and

1529

01:04:07,950 --> 01:04:05,140

I had a look at who's on the board of

1530

01:04:10,410 --> 01:04:07,960

the CHC just to get my dear who is

1531

01:04:16,829 --> 01:04:10,420

regulating this yeah and guess who is

1532

01:04:18,630 --> 01:04:16,839

guys who oh well it was the actual bit

1533

01:04:20,370 --> 01:04:18,640

cnh they were set up by the princes

1534

01:04:22,890 --> 01:04:20,380

foundation for Integrative Health okay

1535

01:04:24,030 --> 01:04:22,900

and that's Prince Charles charge is now

1536

01:04:25,829 --> 01:04:24,040

what do we know about his childhood

1537

01:04:28,829 --> 01:04:25,839

attitudes to alternative therapies

1538

01:04:32,040 --> 01:04:28,839

anything goes baby that's right and on

1539

01:04:34,589 --> 01:04:32,050

top of that the board Maggie done who I

1540

01:04:36,270 --> 01:04:34,599

referred to earlier she was the late air

1541

01:04:40,319 --> 01:04:36,280

of the general counsel for massage

1542

01:04:41,940 --> 01:04:40,329

therapy until June 2008 another person

1543

01:04:43,680 --> 01:04:41,950

on the board Maggie Wallace was the late

1544

01:04:47,400 --> 01:04:43,690

chair of the Council of organizations

1545

01:04:49,829 --> 01:04:47,410

register registering homeopaths what it

1546

01:04:52,980 --> 01:04:49,839

gets worse there's a woman called jenny

1547

01:04:55,290 --> 01:04:52,990

gordon and she completed her PhD in 2007

1548

01:04:58,140 --> 01:04:55,300

which focused on the use of reflexology

1549

01:05:02,130 --> 01:04:58,150

as an adjunct to care in the management

1550

01:05:05,460 --> 01:05:02,140

of childhood idiopathic constipation I'm

1551  
01:05:08,940 --> 01:05:05,470  
a great organization or institution gave

1552  
01:05:11,220 --> 01:05:08,950  
this person I could be HD I haven't

1553  
01:05:13,440 --> 01:05:11,230  
found that information yet Iran so it

1554  
01:05:20,609 --> 01:05:13,450  
could be a few in debts got an email

1555  
01:05:22,170 --> 01:05:20,619  
address well how you have kids how is

1556  
01:05:25,500 --> 01:05:22,180  
massaging their figure to help their

1557  
01:05:30,030 --> 01:05:25,510  
constipation can it depends where that

1558  
01:05:35,310 --> 01:05:32,670  
I hope I have three boys you know the

1559  
01:05:38,730 --> 01:05:35,320  
cookies eating all kinds of places for

1560  
01:05:43,670 --> 01:05:38,740  
this I cure I'm sure I don't know if

1561  
01:05:46,680 --> 01:05:43,680  
like someone got your boys no anyway

1562  
01:05:48,120 --> 01:05:46,690  
anyway I was cranky about that because

1563  
01:05:51,600 --> 01:05:48,130

as I Ron Cey the Atlantic University

1564

01:05:52,980 --> 01:05:51,610

once again to a lot of nonsense so even

1565

01:05:56,190 --> 01:05:52,990

if EDS other answers cranking and I

1566

01:05:59,220 --> 01:05:56,200

think there's something wrong now I'd

1567

01:06:02,100 --> 01:05:59,230

like to give a big shout out to a good

1568

01:06:05,250 --> 01:06:02,110

friend Brian Dunning from skip toid

1569

01:06:08,160 --> 01:06:05,260

hello Brian hello hello on your podcast

1570

01:06:10,020 --> 01:06:08,170

we do it it's great I never miss an

1571

01:06:14,250 --> 01:06:10,030

episode I really like his podcast kept

1572

01:06:20,640 --> 01:06:14,260

white comedy heist it skipped ID com s k

1573

01:06:24,780 --> 01:06:20,650

EP t oh I d.com now there Bryant's

1574

01:06:28,950 --> 01:06:24,790

coming up for his 150th episode party

1575

01:06:31,260 --> 01:06:28,960

he's having a party without us oh not

1576

01:06:33,050 --> 01:06:31,270

allowed is it no that's not a party

1577

01:06:35,490 --> 01:06:33,060

unless why are we giving him a shout

1578

01:06:39,000 --> 01:06:35,500

that's because he's gonna send us all

1579

01:06:41,640 --> 01:06:39,010

airfares to come and join him oh great

1580

01:06:44,430 --> 01:06:41,650

he's really nice right it's just so good

1581

01:06:46,650 --> 01:06:44,440

no seriously folks if skip toid is a

1582

01:06:48,330 --> 01:06:46,660

fantastic podcasters it is one of the

1583

01:06:51,930 --> 01:06:48,340

best skeptical but i think it's just

1584

01:06:54,000 --> 01:06:51,940

almost as good as ours podcast out there

1585

01:06:55,650 --> 01:06:54,010

for skepticism man i'm not saying

1586

01:06:56,700 --> 01:06:55,660

anything all right i love skipped we

1587

01:06:59,610 --> 01:06:56,710

talk now if you want to find out more

1588

01:07:00,990 --> 01:06:59,620

about the 150th episode party which will

1589

01:07:05,580 --> 01:07:01,000

be held at the university the university

1590

01:07:10,770 --> 01:07:05,590

club university of california irvine go

1591

01:07:12,330 --> 01:07:10,780

to skip dude calm / party dot PHP for

1592

01:07:15,540 --> 01:07:12,340

more information where is the party

1593

01:07:18,300 --> 01:07:15,550

Richard that's going to be on the 18th

1594

01:07:20,040 --> 01:07:18,310

of April okay so there's time for our

1595

01:07:23,760 --> 01:07:20,050

listeners or brian dunning to send us

1596

01:07:26,910 --> 01:07:23,770

plane fares there is

1597

01:07:29,400 --> 01:07:26,920

good on your Brian and 150 episodes and

1598

01:07:31,500 --> 01:07:29,410

their each episode is quality son did

1599

01:07:36,000 --> 01:07:31,510

you have you heard anyone here heard his

1600

01:07:37,710 --> 01:07:36,010

men men yes yes yes I was fantastic

1601

01:07:39,660 --> 01:07:37,720

wasn't it that was that was brilliant a

1602

01:07:41,640 --> 01:07:39,670

min min light show an old Australian

1603

01:07:43,830 --> 01:07:41,650

sort of folklore thy she just wants life

1604

01:07:45,570 --> 01:07:43,840

about Australia Brian yes Brian come on

1605

01:07:47,880 --> 01:07:45,580

it's lots of stuff we should send him

1606

01:07:49,890 --> 01:07:47,890

some ideas I'm sorry I don't think he's

1607

01:07:52,350 --> 01:07:49,900

done the yeah how are you come on have

1608

01:07:53,760 --> 01:07:52,360

you done the drop bears the drop there's

1609

01:07:57,200 --> 01:07:53,770

yeah did you even know what drop bears

1610

01:08:01,200 --> 01:07:57,210

are Brian send us an email will tell you

1611

01:08:03,930 --> 01:08:01,210

I in the Black Panther and the blah oh

1612

01:08:06,720 --> 01:08:03,940

yeah that came up in episode 1 I think

1613

01:08:08,730 --> 01:08:06,730

it keeps coming up keeps going up

1614

01:08:11,700 --> 01:08:08,740

nothing for one of those Current Affair

1615

01:08:14,400 --> 01:08:11,710

shows did it show on it a few months ago

1616

01:08:16,829 --> 01:08:14,410

and they went into the whole thing where

1617

01:08:18,599 --> 01:08:16,839

there was this conspiracy of the Black

1618

01:08:19,950 --> 01:08:18,609

Panther escaped from the zoo but they

1619

01:08:22,170 --> 01:08:19,960

didn't want anyone have thrown at it so

1620

01:08:24,090 --> 01:08:22,180

they covered it all up they thought it

1621

01:08:26,370 --> 01:08:24,100

would just like died out in the wild

1622

01:08:28,650 --> 01:08:26,380

somewhere but it's like out there living

1623

01:08:30,180 --> 01:08:28,660

it's amazing to me that the the current

1624

01:08:33,120 --> 01:08:30,190

affair shows don't bother looking at

1625

01:08:37,110 --> 01:08:33,130

their own shows 10 years 20 years in the

1626

01:08:39,180 --> 01:08:37,120

past no it's debunked it or they've just

1627

01:08:41,640 --> 01:08:39,190

covered it or whatever because these

1628

01:08:43,470 --> 01:08:41,650

things just do cycles and it's amazing

1629

01:08:46,110 --> 01:08:43,480

that you're talking about the the

1630

01:08:48,120 --> 01:08:46,120

psychic predictions every year yeah

1631

01:08:49,950 --> 01:08:48,130

right but they never go bother to go

1632

01:08:53,490 --> 01:08:49,960

back and take their accuracy they don't

1633

01:08:55,320 --> 01:08:53,500

care it's not about accuracy it's not

1634

01:08:57,120 --> 01:08:55,330

about evidence yeah like there are here

1635

01:08:59,430 --> 01:08:57,130

and they're missing the missing evidence

1636

01:09:01,559 --> 01:08:59,440

it's just so classic those was an

1637

01:09:03,329 --> 01:09:01,569

article in The Telegraph it was on a

1638

01:09:05,250 --> 01:09:03,339

city morning held today but in the UK

1639

01:09:08,190 --> 01:09:05,260

Telegraph I think yesterday by Boris

1640

01:09:12,780 --> 01:09:08,200

Johnson the Mayor of London and he wrote

1641

01:09:15,780 --> 01:09:12,790

about this UK man 43 old man who hacked

1642

01:09:17,519 --> 01:09:15,790

into the Pentagon computers and the

1643

01:09:19,890 --> 01:09:17,529

Pentagon the Americans are after him

1644

01:09:22,710 --> 01:09:19,900

they want him extradited to the US and

1645

01:09:23,430 --> 01:09:22,720

the reason I've always done some objects

1646

01:09:25,260 --> 01:09:23,440

to him being

1647

01:09:28,349 --> 01:09:25,270

the u.s. because he says this guy's a

1648

01:09:29,910 --> 01:09:28,359

crackpot he the reason he hacked into

1649

01:09:33,570 --> 01:09:29,920

the Pentagon computers is because he was

1650

01:09:35,519 --> 01:09:33,580

looking for evidence of the conspiracy

1651

01:09:38,579 --> 01:09:35,529

the grand conspiracy to hide the extraterrestrial

1652

01:09:42,300 --> 01:09:38,589

the fact would be encountered and aliens

1653

01:09:46,459 --> 01:09:42,310

yeah the thing is that according to this

1654

01:09:48,510 --> 01:09:46,469

man he actually found evidence

1655

01:09:51,930 --> 01:09:48,520

unfortunately it was all deleted from

1656

01:09:53,430 --> 01:09:51,940

his computer by the UFOs made out of all

1657

01:09:55,590 --> 01:09:53,440

the lizard people he because of these

1658

01:09:58,850 --> 01:09:55,600

are people's yes that isn't it

1659

01:10:01,170 --> 01:09:58,860

interesting it's always a blurry shot or

1660

01:10:03,000 --> 01:10:01,180

my camera deleted it or like we

1661

01:10:05,400 --> 01:10:03,010

discussed in the UFO special a couple of

1662

01:10:07,770 --> 01:10:05,410

weeks ago the UFOs have cancelled

1663

01:10:10,140 --> 01:10:07,780

blaring beans for beams that make you

1664

01:10:12,510 --> 01:10:10,150

sleepy or in the case of the Black

1665

01:10:14,010 --> 01:10:12,520

Panther it's usually with nothing that

1666

01:10:16,470 --> 01:10:14,020

you can the only good ones are the ones

1667

01:10:19,170 --> 01:10:16,480

who are you there's no scale looks like

1668

01:10:21,750 --> 01:10:19,180

mmm it could be any size yeah it could

1669

01:10:24,720 --> 01:10:21,760

be as big as a lion are smaller than you

1670

01:10:26,490 --> 01:10:24,730

know yeah yeah well I'm gonna keep a

1671

01:10:28,290 --> 01:10:26,500

look out my back door tonight for the

1672

01:10:31,290 --> 01:10:28,300

Black Panther I suggest our listeners do

1673

01:10:35,160 --> 01:10:31,300

too and your first and UFOs or a black

1674

01:10:38,280 --> 01:10:35,170

panther in a UFO yes black panther

1675

01:10:40,590 --> 01:10:38,290

flying a UFO who takes homeopathy yes

1676

01:10:42,330 --> 01:10:40,600

and sticks candles and there is that's

1677

01:10:46,820 --> 01:10:42,340

right don't forget that you can don't

1678

01:10:51,810 --> 01:10:49,500

chickadees I like to the comedic value

1679

01:10:53,880 --> 01:10:51,820

of all the video you can't imagine you

1680

01:10:55,470 --> 01:10:53,890

can't imagine a myopathy but you can

1681

01:10:58,020 --> 01:10:55,480

imagine somebody with when you have to

1682

01:11:00,330 --> 01:10:58,030

research a 10 minute episode of dr.

1683

01:11:02,760 --> 01:11:00,340

mojee about that you get so angry that

1684

01:11:04,410 --> 01:11:02,770

you stand around your landrum we are

1685

01:11:06,450 --> 01:11:04,420

hitting the floor until your neighbors

1686

01:11:09,390 --> 01:11:06,460

you know tap the ceiling only your right

1687

01:11:14,310 --> 01:11:09,400

up there you know what you need what

1688

01:11:18,600 --> 01:11:14,320

homeopathy or you can stick it up your

1689

01:11:20,189 --> 01:11:18,610

ear thank you I like doing this episode

1690

01:11:21,060 --> 01:11:20,199

of the think tank by thanking dr. I

1691

01:11:22,890 --> 01:11:21,070

jordana think

1692

01:11:25,470 --> 01:11:22,900

you're Richard every day thank you and

1693

01:11:27,000 --> 01:11:25,480

your unsecured thank you and I'd like to

1694

01:11:28,920 --> 01:11:27,010

win with something which I hope hasn't

1695

01:11:30,390 --> 01:11:28,930

been invented or quoted before i'm gonna

1696

01:11:33,960 --> 01:11:30,400

call this saunders lure if i'm wrong

1697

01:11:36,510 --> 01:11:33,970

please let me know saunders law the more

1698

01:11:40,740 --> 01:11:36,520

bizarre the premise the more entrenched

1699

01:11:44,250 --> 01:11:40,750

the belief hmm cheers everybody yes I'm

1700

01:11:50,230 --> 01:11:47,710

you know what you can ask me what the

1701

01:11:52,660 --> 01:11:50,240

original what Reiki is in the original

1702

01:11:54,490 --> 01:11:52,670

language oh yes which is this isn't

1703

01:11:58,050 --> 01:11:54,500

recorder Richard you speak Ricky don't I

1704

01:12:00,220 --> 01:11:58,060

do but actually brekkie is a very old

1705

01:12:01,480 --> 01:12:00,230

technique that dates back to thousands

1706

01:12:03,640 --> 01:12:01,490

of years and the language at the time

1707

01:12:05,740 --> 01:12:03,650

was not English that's right it wasn't

1708

01:12:16,200 --> 01:12:05,750

pronounced Reiki as we are today how was

1709

01:12:16,210 --> 01:12:41,710

I I thought he was gonna say rachy

1710

01:12:47,600 --> 01:12:44,420

Stefano you've removed your ear candles

1711

01:12:50,690 --> 01:12:47,610

already open pardon now do it now no

1712

01:12:52,730 --> 01:12:50,700

sorry I can't hear you he's full of wax

1713

01:12:57,830 --> 01:12:52,740

haga you know that's been slight side

1714

01:13:00,260 --> 01:12:57,840

effects of ear candling uh wow I'm good

1715

01:13:02,630 --> 01:13:00,270

down oh good I'm glad you feel cleansed

1716

01:13:06,140 --> 01:13:02,640

and enlightened and all the rest of my

1717

01:13:10,160 --> 01:13:06,150

Kundalini my chakra is everything in my

1718

01:13:12,650 --> 01:13:10,170

astral self is aligned just like a

1719

01:13:15,920 --> 01:13:12,660

candle a little flame on top which is my

1720

01:13:17,120 --> 01:13:15,930

soul ah i see beautiful I think we've

1721

01:13:19,310 --> 01:13:17,130

got to go to the other but the other

1722

01:13:21,590 --> 01:13:19,320

side and do another podcast I think we

1723

01:13:23,750 --> 01:13:21,600

could do another great show there with

1724

01:13:25,520 --> 01:13:23,760

you at the end the mid week that the mid

1725

01:13:27,560 --> 01:13:25,530

fortnightly shows going well to the

1726

01:13:29,660 --> 01:13:27,570

little more oh sure you put together a

1727

01:13:30,800 --> 01:13:29,670

little tip it every second week and in

1728

01:13:33,710 --> 01:13:30,810

fact I'm glad you mentioned that because

1729

01:13:36,110 --> 01:13:33,720

our guest next week is none other than

1730

01:13:38,870 --> 01:13:36,120

dr. ben goldacre from the bad science

1731

01:13:41,780 --> 01:13:38,880

blog oh yeah an extended interview with

1732

01:13:43,970 --> 01:13:41,790

him where he just goes off and rate is

1733

01:13:46,220 --> 01:13:43,980

about all sorts of things in fact it's a

1734

01:13:48,050 --> 01:13:46,230

nice clear crisp interview and I'm sure

1735

01:13:50,210 --> 01:13:48,060

everybody will enjoy it Richard it's

1736

01:13:52,850 --> 01:13:50,220

been another fabulous experience being

1737

01:13:54,950 --> 01:13:52,860

here in the zone and I look forward to

1738

01:13:56,420 --> 01:13:54,960

coming back next time me too but in the

1739

01:13:57,950 --> 01:13:56,430

meantime the question is of course what

1740

01:14:00,740 --> 01:13:57,960

are we going to do all these ear candles

1741

01:14:02,330 --> 01:14:00,750

ah I've got a few letters that need

1742

01:14:04,610 --> 01:14:02,340

ceiling maybe we can do some of them

1743

01:14:07,100 --> 01:14:04,620

something there ok well another great

1744

01:14:12,880 --> 01:14:07,110

show let's come back again next time

1745

01:14:18,880 --> 01:14:14,890

you've been listening to the skeptic

1746

01:14:22,690 --> 01:14:18,890

zone visit our website at [www scripting](http://www.scripting)

1747

01:14:25,920 --> 01:14:22,700

zone TV for comments contacts and extra

1748

01:14:36,820 --> 01:14:28,439

skids