

**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  
00:00:26,870 --> 00:00:23,279  
hello and welcome to the skeptic zone

2  
00:00:30,060 --> 00:00:26,880  
episode number 51 on the 9th of oktober

3  
00:00:32,580 --> 00:00:30,070  
2009 Richard Saunders here with you once

4  
00:00:34,530 --> 00:00:32,590  
again from Sydney Australia in this

5  
00:00:38,009 --> 00:00:34,540  
week's episode we have more reports from

6  
00:00:40,410 --> 00:00:38,019  
dr. aichi visiting New York she went and

7  
00:00:44,250 --> 00:00:40,420  
dropped in on the Jolly 13 club a club

8  
00:00:46,200 --> 00:00:44,260  
dedicated to bad luck and after that we

9  
00:00:49,740 --> 00:00:46,210  
have the think tank with Joe Ben amoud

10  
00:00:52,020 --> 00:00:49,750  
dr. H E and Diane but before we get to

11  
00:00:53,729 --> 00:00:52,030  
all that a few quick announcements don't

12  
00:00:55,680 --> 00:00:53,739  
forget to visit our Facebook page and

13  
00:01:00,270 --> 00:00:55,690

you can go there by following the link

14

00:01:02,880 --> 00:01:00,280  
from ww skeptic zone TV now our reporter

15

00:01:04,560 --> 00:01:02,890  
Kylie Sturgis has been very busy putting

16

00:01:08,249 --> 00:01:04,570  
up lots and lots of videos on that

17

00:01:09,779 --> 00:01:08,259  
facebook page worth checking out also

18

00:01:13,080 --> 00:01:09,789  
don't forget that the Australian

19

00:01:15,810 --> 00:01:13,090  
skeptics national convention end of

20

00:01:21,540 --> 00:01:15,820  
november is being held in brisbane more

21

00:01:23,639 --> 00:01:21,550  
details at ww skeptics com au and check

22

00:01:27,419 --> 00:01:23,649  
out the skeptics webpage while you're at

23

00:01:30,600 --> 00:01:27,429  
it also if you want your event or blog

24

00:01:32,609 --> 00:01:30,610  
or podcast or anything you like really

25

00:01:35,339 --> 00:01:32,619  
to do a skepticism mentioned on the

26

00:01:37,499 --> 00:01:35,349

skeptic zone drop us a line we'd love to

27

00:01:40,760 --> 00:01:37,509

be able to mention you and help you out

28

00:01:44,100 --> 00:01:40,770

those people listening to the show in

29

00:01:47,130 --> 00:01:44,110

Australia I noticed that the ABC TV have

30

00:01:49,109 --> 00:01:47,140

a new show called hungry beast now

31

00:01:51,510 --> 00:01:49,119

apparently there's quite a big skeptical

32

00:01:54,240 --> 00:01:51,520

element to this show worth checking out

33

00:01:58,169 --> 00:01:54,250

check your local guides hungry beast on

34

00:02:00,960 --> 00:01:58,179

the ABC with not checking out is that

35

00:02:03,059 --> 00:02:00,970

dreadful show sensing murder which is

36

00:02:05,669 --> 00:02:03,069

infesting new zealand television at the

37

00:02:08,070 --> 00:02:05,679

moment those people listening in new

38

00:02:10,050 --> 00:02:08,080

zealand we managed to get rid of this

39

00:02:12,300 --> 00:02:10,060

dreadful show out of australia I'm sorry

40

00:02:13,710 --> 00:02:12,310

it migrated its way to our friends in

41

00:02:15,960 --> 00:02:13,720

New Zealand and it's plaguing your

42

00:02:18,300 --> 00:02:15,970

country if you want to do something

43

00:02:21,360 --> 00:02:18,310

about this nonsense on your TV which is

44

00:02:23,430 --> 00:02:21,370

basically so-called psychics trying to

45

00:02:26,820 --> 00:02:23,440

solve murders and the worst possible

46

00:02:28,319 --> 00:02:26,830

taste right to the TV station involved

47

00:02:31,679 --> 00:02:28,329

and let them know you're unhappy about

48

00:02:33,690 --> 00:02:31,689

this also ask them how many murders have

49

00:02:35,400 --> 00:02:33,700

been sold with sensing murder

50

00:02:38,040 --> 00:02:35,410

New Zealand in Australia and any other

51  
00:02:40,320 --> 00:02:38,050  
country it's been tried out the figure

52  
00:02:42,990 --> 00:02:40,330  
is very easy to remember and it rhymes

53  
00:02:46,080 --> 00:02:43,000  
with zero sensing murder big thumbs down

54  
00:02:48,059 --> 00:02:46,090  
oh well enough about that let's get on

55  
00:02:58,770 --> 00:02:48,069  
to this week's episode of the skipped

56  
00:03:07,360 --> 00:03:02,140  
now it's time for dr. Rachel reports

57  
00:03:10,180 --> 00:03:07,370  
with dr. Rachel Dunlop hello everyone

58  
00:03:12,490 --> 00:03:10,190  
and welcome to dr. Reggie reports this

59  
00:03:14,650 --> 00:03:12,500  
week I continued some of my reports from

60  
00:03:16,990 --> 00:03:14,660  
New York City and this time I speak to a

61  
00:03:20,050 --> 00:03:17,000  
couple of people at the monthly meeting

62  
00:03:22,720 --> 00:03:20,060  
of the Jolly 13 club this club is

63  
00:03:24,790 --> 00:03:22,730

organized by danny kaye and the Jolly 13

64

00:03:27,280 --> 00:03:24,800

is a revival of a club dating back to

65

00:03:28,810 --> 00:03:27,290

the 19th century in New York which was

66

00:03:30,420 --> 00:03:28,820

established by a famous New York

67

00:03:34,060 --> 00:03:30,430

socialite to tempt the fate of

68

00:03:36,010 --> 00:03:34,070

superstitions Danny's club still observe

69

00:03:38,260 --> 00:03:36,020

some of the practices of the original

70

00:03:40,240 --> 00:03:38,270

club by breaking superstitions at

71

00:03:43,270 --> 00:03:40,250

various bars and restaurants around New

72

00:03:46,540 --> 00:03:43,280

York City and he does it on the 13th day

73

00:03:48,820 --> 00:03:46,550

of every month here I talked to Dani on

74

00:03:50,980 --> 00:03:48,830

a sunday afternoon on the thirteenth of

75

00:03:53,920 --> 00:03:50,990

September sitting outside on the streets

76

00:03:56,800 --> 00:03:53,930

of midtown New York City and I'm still

77

00:03:58,810 --> 00:03:56,810

here at the bureau bar in New York City

78

00:04:01,000 --> 00:03:58,820

on the corner of 50 3rd and 2nd Avenue

79

00:04:03,550 --> 00:04:01,010

and I'm here with Danny Kaye hello hi

80

00:04:04,900 --> 00:04:03,560

Danny hi to everybody in Australia can

81

00:04:07,330 --> 00:04:04,910

you explain to Alice's what we're doing

82

00:04:10,810 --> 00:04:07,340

here so once a month we get together on

83

00:04:12,640 --> 00:04:10,820

the 13th and we have a very skeptical

84

00:04:15,220 --> 00:04:12,650

dinner where we break superstitions so

85

00:04:17,080 --> 00:04:15,230

we spill salt have try to get black cats

86

00:04:20,320 --> 00:04:17,090

and although most places don't allow

87

00:04:22,780 --> 00:04:20,330

cats but actually can I just say that

88

00:04:24,250 --> 00:04:22,790

before just in while the back- do

89

00:04:24,840 --> 00:04:24,260

is there's a parrot down there can you

90

00:04:28,080 --> 00:04:24,850

see

91

00:04:31,080 --> 00:04:28,090

by this huge parrot but we're sitting

92

00:04:33,870 --> 00:04:31,090

outside of Bureau bar and there's a lady

93

00:04:36,780 --> 00:04:33,880

with a dog and she's got to join well

94

00:04:38,730 --> 00:04:36,790

this is New York so apparent it's a

95

00:04:41,040 --> 00:04:38,740

fairly normal pet to have is that

96

00:04:43,110 --> 00:04:41,050

usually people have iguanas you have

97

00:04:45,120 --> 00:04:43,120

people walking around with gila monsters

98

00:04:48,300 --> 00:04:45,130

I mean it's a chaos at monsters gila

99

00:04:50,100 --> 00:04:48,310

monsters the Dragons the Gila dragons

100

00:04:51,750 --> 00:04:50,110

here right I thought I haven't seen

101  
00:04:53,730 --> 00:04:51,760  
those yet but I'm sure I'm sure they're

102  
00:04:55,260 --> 00:04:53,740  
around so you don't have a cat but I

103  
00:04:56,670 --> 00:04:55,270  
noticed you have been a crow can you

104  
00:04:58,800 --> 00:04:56,680  
explain to our losses about the crow

105  
00:05:02,400 --> 00:04:58,810  
there's a lot of superstitions that are

106  
00:05:04,110 --> 00:05:02,410  
based around crows people say that if

107  
00:05:06,210 --> 00:05:04,120  
you see one crow flying from the left

108  
00:05:07,920 --> 00:05:06,220  
side it's bad luck if you see two flying

109  
00:05:10,110 --> 00:05:07,930  
from the right side somehow they cancel

110  
00:05:11,790 --> 00:05:10,120  
each other out and it's good luck so we

111  
00:05:15,090 --> 00:05:11,800  
figured to have a very unlucky mascot

112  
00:05:17,280 --> 00:05:15,100  
for our club but this this club is not

113  
00:05:19,410 --> 00:05:17,290

actually the original thing we had there

114

00:05:23,340 --> 00:05:19,420

was another one that was hosted in new

115

00:05:26,910 --> 00:05:23,350

york about in 1880s and that was run by

116

00:05:29,280 --> 00:05:26,920

dr. i'm sorry not dr. he was a Sir

117

00:05:30,990 --> 00:05:29,290

William Fowler he was a general very

118

00:05:33,210 --> 00:05:31,000

lesser general and politician and he

119

00:05:34,530 --> 00:05:33,220

actually hosted it at his house and it

120

00:05:36,150 --> 00:05:34,540

was the very first social club in New

121

00:05:38,700 --> 00:05:36,160

York to host women to her so the host

122

00:05:41,100 --> 00:05:38,710

ladies nights and invites the Pioneer

123

00:05:42,360 --> 00:05:41,110

section and you were saying that he did

124

00:05:43,890 --> 00:05:42,370

that deliberately because he thought

125

00:05:46,560 --> 00:05:43,900

women had a lot more superstitions

126

00:05:48,690 --> 00:05:46,570

several according to him he thought that

127

00:05:50,490 --> 00:05:48,700

women and men were both superstitious

128

00:05:52,470 --> 00:05:50,500

and there was no reason why to have a

129

00:05:54,840 --> 00:05:52,480

society that's divided in anything

130

00:05:56,670 --> 00:05:54,850

including irrationality right so I

131

00:05:58,620 --> 00:05:56,680

thought that was a very good good thing

132

00:06:01,020 --> 00:05:58,630

so what sort of things to Pedro and his

133

00:06:04,380 --> 00:06:01,030

club similar to what you doing oil salt

134

00:06:06,360 --> 00:06:04,390

and well he had a little more resources

135

00:06:09,450 --> 00:06:06,370

than we do he had actually a very large

136

00:06:11,220 --> 00:06:09,460

house in the city and when people

137

00:06:13,830 --> 00:06:11,230

wouldn't come over first of all he had

138

00:06:15,420 --> 00:06:13,840

one rule you only come at roots of 13

139

00:06:17,910 --> 00:06:15,430

you always sit down at a table at their

140

00:06:19,230 --> 00:06:17,920

team we are a little more lax to that

141

00:06:20,790 --> 00:06:19,240

kind of thing

142

00:06:23,879 --> 00:06:20,800

but he had people walk underneath

143

00:06:26,969 --> 00:06:23,889

ladders he had a big side in front of

144

00:06:28,800 --> 00:06:26,979

his house as a which stated morituri te

145

00:06:30,809 --> 00:06:28,810

salutamus which means that those that

146

00:06:34,050 --> 00:06:30,819

are about to die salute you and that was

147

00:06:36,210 --> 00:06:34,060

also tempting death and for women that

148

00:06:38,159 --> 00:06:36,220

came he actually gave him all a present

149

00:06:40,920 --> 00:06:38,169

which was a little glass coffin and

150

00:06:43,290 --> 00:06:40,930

inside of it was a tiny skull head with

151  
00:06:44,730 --> 00:06:43,300  
perfume in it also if the girls would be

152  
00:06:48,420 --> 00:06:44,740  
willing to open the coffin did have a

153  
00:06:50,100 --> 00:06:48,430  
present so we aren't quite there yet but

154  
00:06:51,450 --> 00:06:50,110  
we're working on it and today we

155  
00:06:53,640 --> 00:06:51,460  
actually had people sell ourselves and

156  
00:06:56,309 --> 00:06:53,650  
you sold your side did I sold my soul

157  
00:06:58,200 --> 00:06:56,319  
yes I sold my soul to the crow yes did

158  
00:07:00,689 --> 00:06:58,210  
your heart the unlucky Crow era unlike

159  
00:07:02,850 --> 00:07:00,699  
the project inside the the restaurant

160  
00:07:05,309 --> 00:07:02,860  
there is Gerard he's a stuffed chrome is

161  
00:07:06,809 --> 00:07:05,319  
it a real pro no it's a it's plastic Wow

162  
00:07:09,570 --> 00:07:06,819  
buddy's girlfriend as I gave him a

163  
00:07:11,490 --> 00:07:09,580

patent and yes my father's are real he's

164

00:07:13,529 --> 00:07:11,500

sitting on a nest or something isn't he

165

00:07:17,370 --> 00:07:13,539

yes which actually um Ellen made that

166

00:07:20,610 --> 00:07:17,380

one oh yeah yeah it's basically spackled

167

00:07:23,070 --> 00:07:20,620

are I think likens I try likens that

168

00:07:26,189 --> 00:07:23,080

he's kind of sitting there looking all

169

00:07:28,020 --> 00:07:26,199

unlucky and mischievous yes and so we we

170

00:07:29,969 --> 00:07:28,030

signed us all over to him can you tell

171

00:07:31,620 --> 00:07:29,979

Alyssa's about that well actually

172

00:07:34,980 --> 00:07:31,630

honestly it was a way to get people to

173

00:07:37,500 --> 00:07:34,990

give me their email

174

00:07:39,420 --> 00:07:37,510

so you can spam us with yes I can spam

175

00:07:43,290 --> 00:07:39,430

you with future events of the jelly 13

176

00:07:45,570 --> 00:07:43,300

and it's basically people have very

177

00:07:47,250 --> 00:07:45,580

ingrained suppositions about particular

178

00:07:49,980 --> 00:07:47,260

about their own conscious about their

179

00:07:51,420 --> 00:07:49,990

own soul even people that don't believe

180

00:07:53,040 --> 00:07:51,430

in God say well yes but I wouldn't want

181

00:07:55,140 --> 00:07:53,050

to part with my immortal so because

182

00:07:58,080 --> 00:07:55,150

where else would I be and personally I

183

00:08:01,230 --> 00:07:58,090

think that's kind of silly I mean a life

184

00:08:03,600 --> 00:08:01,240

is enough and great as it is so I don't

185

00:08:05,970 --> 00:08:03,610

think we need to rely on any

186

00:08:10,530 --> 00:08:05,980

superstitions or anything that's out of

187

00:08:11,850 --> 00:08:10,540

the ordinary to still be special just

188

00:08:13,260 --> 00:08:11,860

because we're here and we know we're

189

00:08:15,570 --> 00:08:13,270

here we're special on that so I figured

190

00:08:17,400 --> 00:08:15,580

actually one person didn't sign a the

191

00:08:19,860 --> 00:08:17,410

contract that he was very Napa for doing

192

00:08:22,410 --> 00:08:19,870

that really yes see what it has his soul

193

00:08:24,090 --> 00:08:22,420

of it to jarrod the door see you just do

194

00:08:25,830 --> 00:08:24,100

it I asked him for his email on the

195

00:08:28,560 --> 00:08:25,840

other side but he said to give him any

196

00:08:30,780 --> 00:08:28,570

other paper but that so he just refused

197

00:08:33,960 --> 00:08:30,790

to do that so it just shows how much

198

00:08:35,580 --> 00:08:33,970

people are uncomfortable about a lot of

199

00:08:38,280 --> 00:08:35,590

the superstitions that are fairly

200

00:08:39,440 --> 00:08:38,290

rational but are mandated by most of

201  
00:08:41,540 --> 00:08:39,450  
society

202  
00:08:43,880 --> 00:08:41,550  
so I just think that's very amusing yeah

203  
00:08:45,710 --> 00:08:43,890  
so you're also involved in the skeptics

204  
00:08:47,060 --> 00:08:45,720  
in New York how you or you would

205  
00:08:49,670 --> 00:08:47,070  
consider yourself a skeptic I am

206  
00:08:51,050 --> 00:08:49,680  
definitely skeptic I come up to come out

207  
00:08:52,340 --> 00:08:51,060  
to drinking skeptically every month I'm

208  
00:08:54,680 --> 00:08:52,350  
embarrassed to say that I did not pay my

209  
00:08:56,660 --> 00:08:54,690  
dues yet so I'm not technically a member

210  
00:08:59,270 --> 00:08:56,670  
of things but that will be remedy today

211  
00:09:03,260 --> 00:08:59,280  
I will go online and i will do the

212  
00:09:04,520 --> 00:09:03,270  
whatever the installment but it's I mean

213  
00:09:06,320 --> 00:09:04,530

we have a very good community in New

214

00:09:08,240 --> 00:09:06,330

York we have a number of great groups we

215

00:09:10,040 --> 00:09:08,250

have new york city skeptics we have a

216

00:09:12,230 --> 00:09:10,050

center for inquiry which is run by

217

00:09:14,630 --> 00:09:12,240

michael the door who comes out quite

218

00:09:17,720 --> 00:09:14,640

often we have people come out about a

219

00:09:19,640 --> 00:09:17,730

place like george from who was there at

220

00:09:21,530 --> 00:09:19,650

the last meet up man if you if you do

221

00:09:24,470 --> 00:09:21,540

look at the fox story you'll see

222

00:09:26,330 --> 00:09:24,480

George's head kind of in the shot at all

223

00:09:29,150 --> 00:09:26,340

time to Treasury just telling me before

224

00:09:31,370 --> 00:09:29,160

we started this thing Fox News did a

225

00:09:33,680 --> 00:09:31,380

story on the joy 13 yes what happened

226

00:09:35,450 --> 00:09:33,690

there so I'm friends with David

227

00:09:37,550 --> 00:09:35,460

Silverman who's the vice president of

228

00:09:40,190 --> 00:09:37,560

American Atheists and if you ever see

229

00:09:42,950 --> 00:09:40,200

that Adam with an A in the middle of it

230

00:09:46,310 --> 00:09:42,960

that's their logo their corporate logo

231

00:09:50,440 --> 00:09:46,320

and they the Fox News contacted him

232

00:09:53,450 --> 00:09:50,450

about the social aspects of atheism and

233

00:09:55,520 --> 00:09:53,460

she told them that doctors my friend who

234

00:09:57,020 --> 00:09:55,530

hosts a group and technically we're not

235

00:09:58,790 --> 00:09:57,030

strictly atheists were not an atheist

236

00:10:00,290 --> 00:09:58,800

good we're more of a skeptic group but

237

00:10:02,300 --> 00:10:00,300

majority of the people that come out are

238

00:10:05,030 --> 00:10:02,310

atheists some are not but we're not

239

00:10:08,090 --> 00:10:05,040

really we're not really centered on that

240

00:10:11,270 --> 00:10:08,100

aspect of it but he mentioned us and

241

00:10:13,070 --> 00:10:11,280

they came out they kind of and I came

242

00:10:15,560 --> 00:10:13,080

out too amazing to just make a bunch of

243

00:10:18,500 --> 00:10:15,570

meeting with a camera crew chemical one

244

00:10:21,080 --> 00:10:18,510

camera and they filmed us hanging around

245

00:10:22,490 --> 00:10:21,090

talking took some interviews took my

246

00:10:25,970 --> 00:10:22,500

interview to Michael's interview I

247

00:10:29,450 --> 00:10:25,980

didn't use a single thing I said not a

248

00:10:30,750 --> 00:10:29,460

word did interview him however and did

249

00:10:32,490 --> 00:10:30,760

use

250

00:10:35,310 --> 00:10:32,500

the phrases that he said and it was

251

00:10:38,430 --> 00:10:35,320

fairly good they did a two minute skin

252

00:10:40,170 --> 00:10:38,440

and the first minute and 30 seconds were

253

00:10:41,910 --> 00:10:40,180

honestly not that bad although they did

254

00:10:43,320 --> 00:10:41,920

start the whole thing with these people

255

00:10:45,480 --> 00:10:43,330

get together but they're not a regular

256

00:10:49,110 --> 00:10:45,490

group they're atheists and agnostics

257

00:10:51,500 --> 00:10:49,120

which I didn't think was necessary but

258

00:10:54,210 --> 00:10:51,510

yeah probably not relevant to the jelly

259

00:10:55,980 --> 00:10:54,220

not one bit but yeah you know that it is

260

00:10:59,880 --> 00:10:55,990

fox news so we take what we can get yeah

261

00:11:01,050 --> 00:10:59,890

yeah and they kind of when they were

262

00:11:02,790 --> 00:11:01,060

interviewing me that kind of asked me

263

00:11:05,570 --> 00:11:02,800

some questions like how often do you

264

00:11:09,360 --> 00:11:05,580

guys get together bash religion and I

265

00:11:11,370 --> 00:11:09,370

said we really don't do that well yes we

266

00:11:13,470 --> 00:11:11,380

kill babies that sacrifice skins yeah I

267

00:11:15,390 --> 00:11:13,480

didn't say the altar inside though oh no

268

00:11:17,940 --> 00:11:15,400

you don't normally come to this not you

269

00:11:20,070 --> 00:11:17,950

we ran out of babies today so I'm very

270

00:11:22,170 --> 00:11:20,080

sorry we can no you couldn't get a baby

271

00:11:24,780 --> 00:11:22,180

for me I mean come on it's time in years

272

00:11:27,930 --> 00:11:24,790

here you know but yeah they did a fairly

273

00:11:31,170 --> 00:11:27,940

decent thing up until 30 seconds before

274

00:11:32,940 --> 00:11:31,180

the end where they got some nutjob guy

275

00:11:33,900 --> 00:11:32,950

who claimed he's an atheist that thinks

276

00:11:36,660 --> 00:11:33,910

religion is the best thing that can

277

00:11:39,060 --> 00:11:36,670

happen to the world which I happen to

278

00:11:41,370 --> 00:11:39,070

disagree with I think that atheists

279

00:11:43,830 --> 00:11:41,380

could be plenty happy without it um I

280

00:11:45,540 --> 00:11:43,840

don't think that it well it does serve a

281

00:11:48,210 --> 00:11:45,550

purpose in society but only for people

282

00:11:49,680 --> 00:11:48,220

that need it to serve a purpose for so

283

00:11:51,420 --> 00:11:49,690

the story seems like it was more about

284

00:11:54,960 --> 00:11:51,430

the Atheist community rather than your

285

00:11:56,010 --> 00:11:54,970

club exactly okay yes it was pretty much

286

00:11:59,520 --> 00:11:56,020

complete well they were they were

287

00:12:01,890 --> 00:11:59,530

looking for of the atheism aspect well

288

00:12:04,310 --> 00:12:01,900

the social aspects of atheism right so I

289

00:12:06,540 --> 00:12:04,320

could see how they'd say that this is

290

00:12:08,880 --> 00:12:06,550

sort of that it's a part of it but

291

00:12:11,040 --> 00:12:08,890

there's no such thing as a social aspect

292

00:12:13,170 --> 00:12:11,050

of atheism atheism just states what you

293

00:12:15,030 --> 00:12:13,180

don't believe it yeah yeah just because

294

00:12:17,100 --> 00:12:15,040

people get together and hang out and

295

00:12:19,800 --> 00:12:17,110

talk and it's not in a church doesn't

296

00:12:21,110 --> 00:12:19,810

mean that it's you know I I fail to see

297

00:12:22,460 --> 00:12:21,120

their point yeah

298

00:12:24,260 --> 00:12:22,470

kind of a bizarre concept isn't it

299

00:12:26,180 --> 00:12:24,270

because it's irrelevant like exactly

300

00:12:27,620 --> 00:12:26,190

we're here to drink and have some fun

301

00:12:29,360 --> 00:12:27,630

and you know there's just a bit of an

302

00:12:32,360 --> 00:12:29,370

underlying theme which is superstitions

303

00:12:34,840 --> 00:12:32,370

and oh yeah and I mean if you're if a

304

00:12:36,980 --> 00:12:34,850

person is superstitious we're not gonna

305

00:12:38,780 --> 00:12:36,990

ostracize them we're not going to start

306

00:12:40,130 --> 00:12:38,790

yelling and then we might ask them why

307

00:12:41,720 --> 00:12:40,140

do you believe the thing that you

308

00:12:45,140 --> 00:12:41,730

believe in which is not a very

309

00:12:46,670 --> 00:12:45,150

unreasonable question but we won't probe

310

00:12:48,950 --> 00:12:46,680

or we try not to make anybody

311

00:12:51,530 --> 00:12:48,960

uncomfortable we want everybody that can

312

00:12:52,850 --> 00:12:51,540

to join I mean it's a lot of fun so do

313

00:12:55,430 --> 00:12:52,860

you have you had any people come join

314

00:12:57,470 --> 00:12:55,440

who were superstitious or well it's the

315

00:12:59,480 --> 00:12:57,480

guy today and I wouldn't sign the today

316

00:13:00,440 --> 00:12:59,490

gentlemen world soul yep and we had a

317

00:13:02,269 --> 00:13:00,450

couple of months ago we had somebody

318

00:13:05,180 --> 00:13:02,279

that into state court on religious

319

00:13:08,450 --> 00:13:05,190

grounds but I don't know that with lump

320

00:13:11,120 --> 00:13:08,460

as superstition per se but I mean again

321

00:13:14,269 --> 00:13:11,130

some people do do put religion and

322

00:13:16,070 --> 00:13:14,279

supposition one bag and the person that

323

00:13:18,670 --> 00:13:16,080

actually started welling father was one

324

00:13:20,990 --> 00:13:18,680

of those people right he actually had a

325

00:13:22,370 --> 00:13:21,000

Robert greeting ingersoll was actually

326

00:13:25,060 --> 00:13:22,380

one of the keynote speakers at one of

327

00:13:27,440 --> 00:13:25,070

the dinners so if anybody has a

328

00:13:29,630 --> 00:13:27,450

curiosity about that I strongly

329

00:13:31,940 --> 00:13:29,640

recommend you check out his speech is a

330

00:13:33,500 --> 00:13:31,950

phenomenal phenomenal speaker what was

331

00:13:35,390 --> 00:13:33,510

he talking about at the dinner he was

332

00:13:37,130 --> 00:13:35,400

talking about superstitions about

333

00:13:40,400 --> 00:13:37,140

religion as a superstition about

334

00:13:42,610 --> 00:13:40,410

irrationality about the base of

335

00:13:46,250 --> 00:13:42,620

irrational beliefs about why they're

336

00:13:48,260 --> 00:13:46,260

damaging in society so it's a nice I

337

00:13:50,510 --> 00:13:48,270

think it's about two or three pages

338

00:13:52,130 --> 00:13:50,520

worth of a very good speech which I

339

00:13:53,180 --> 00:13:52,140

strongly recommend yeah I mean it's

340

00:13:54,620 --> 00:13:53,190

rubber green Ingersoll you can't go

341

00:13:56,449 --> 00:13:54,630

wrong so what's his name Robert Robert

342

00:13:57,949 --> 00:13:56,459

Greene ingersoll Robert Greene inga soul

343

00:13:59,900 --> 00:13:57,959

yes the people google him they'll be

344

00:14:03,320 --> 00:13:59,910

able to find that oh yeah he's a he's a

345

00:14:06,140 --> 00:14:03,330

big name he was one of the first truly

346

00:14:08,090 --> 00:14:06,150

outspoken atheists in America okay yeah

347

00:14:10,699 --> 00:14:08,100

he was I believe he lived in again in

348

00:14:13,670 --> 00:14:10,709

turn of the century and he has a very

349

00:14:16,579 --> 00:14:13,680

good lecture series on the religion and

350

00:14:18,110 --> 00:14:16,589

the evils of religion and I would

351

00:14:19,810 --> 00:14:18,120

personally recommend it to somebody that

352

00:14:20,980 --> 00:14:19,820

is religious

353

00:14:22,210 --> 00:14:20,990

if you have a friend that's religious

354

00:14:24,910 --> 00:14:22,220

and you want to introduce them to a DS

355

00:14:28,030 --> 00:14:24,920

and don't do it with that ok i will lose

356

00:14:31,000 --> 00:14:28,040

that friend ok he's scathingly critical

357

00:14:33,430 --> 00:14:31,010

right so I part of the reason why you he

358

00:14:35,860 --> 00:14:33,440

said this cover was just to revive what

359

00:14:37,420 --> 00:14:35,870

the original one did right yes and a way

360

00:14:38,770 --> 00:14:37,430

to I mean there's a lot of skeptics were

361

00:14:40,630 --> 00:14:38,780

found around New York like I said and

362

00:14:42,400 --> 00:14:40,640

there's people that there's the American

363

00:14:44,110 --> 00:14:42,410

an atheist group meetup group there's

364

00:14:45,970 --> 00:14:44,120

the New York City skeptics which is

365

00:14:48,790 --> 00:14:45,980

great but they're well more like either

366

00:14:51,010 --> 00:14:48,800

a bar night or a very topic oriented

367

00:14:53,650 --> 00:14:51,020

like they will discuss either strictly a

368

00:14:56,790 --> 00:14:53,660

woowoo in medicine or shrigley will mood

369

00:14:59,170 --> 00:14:56,800

something else and we're kind of the

370

00:15:00,820 --> 00:14:59,180

superstition is an underlying theme but

371

00:15:03,820 --> 00:15:00,830

if you think about it what's not a

372

00:15:05,530 --> 00:15:03,830

superstition that that's irrational yeah

373

00:15:09,100 --> 00:15:05,540

homeopathy has as much of a superstition

374

00:15:10,570 --> 00:15:09,110

as acupuncture as Reiki as you know

375

00:15:11,920 --> 00:15:10,580

believing that a black cat could give

376

00:15:13,750 --> 00:15:11,930

you a farm by crossing the street in

377

00:15:16,420 --> 00:15:13,760

front of ya it's just a different flavor

378

00:15:18,550 --> 00:15:16,430

to it yeah so yeah it's a chase

379

00:15:20,380 --> 00:15:18,560

telephone you know I don't see any black

380

00:15:22,950 --> 00:15:20,390

cats here today Danny so I guess maybe

381

00:15:26,200 --> 00:15:22,960

you've scared them away have you oh

382

00:15:28,270 --> 00:15:26,210

guess they're so cute the heck analysis

383

00:15:30,760 --> 00:15:28,280

find out more about the Jolly 13 in New

384

00:15:33,460 --> 00:15:30,770

York City well right now we are on

385

00:15:35,440 --> 00:15:33,470

facebook as the jelly 13 of new york and

386

00:15:38,680 --> 00:15:35,450

central New Jersey I have a website

387

00:15:41,440 --> 00:15:38,690

which I update fair early it's bad omens

388

00:15:43,960 --> 00:15:41,450

org and you can find out more about what

389

00:15:45,850 --> 00:15:43,970

I do on there and also Center for

390

00:15:47,590 --> 00:15:45,860

inquiry has a great page on us and the

391

00:15:49,750 --> 00:15:47,600

New York City skeptics ok and how can

392

00:15:52,480 --> 00:15:49,760

people find you on twitter and on

393

00:15:54,550 --> 00:15:52,490

twitter i am if you search for the hash

394

00:15:57,700 --> 00:15:54,560

bad omens a diamond

395

00:15:58,870 --> 00:15:57,710

for my name Daniel cave oh well I'm not

396

00:16:01,840 --> 00:15:58,880

going to say my last thing cuz 14

397

00:16:03,340 --> 00:16:01,850

letters I adamson European apparently

398

00:16:05,350 --> 00:16:03,350

the parrot is getting very frustrated at

399

00:16:06,760 --> 00:16:05,360

something yeah I don't know if Alison's

400

00:16:09,160 --> 00:16:06,770

can hear that but the power was just

401  
00:16:11,410 --> 00:16:09,170  
yelling at something thanks for joining

402  
00:16:14,380 --> 00:16:11,420  
us today daddy thank you very much as a

403  
00:16:16,420 --> 00:16:14,390  
better as Danny said you can find out

404  
00:16:18,700 --> 00:16:16,430  
more about the Jolly 13 club by going to

405  
00:16:21,640 --> 00:16:18,710  
their Facebook page which was jolly 13

406  
00:16:23,410 --> 00:16:21,650  
of new york and new jersey or check out

407  
00:16:25,720 --> 00:16:23,420  
the new york city skeptics or the center

408  
00:16:27,310 --> 00:16:25,730  
for inquiry for more information this

409  
00:16:29,530 --> 00:16:27,320  
was only the second interview danny has

410  
00:16:31,180 --> 00:16:29,540  
ever done after the Fox interview so I

411  
00:16:34,450 --> 00:16:31,190  
hope he is happier with the outcome of

412  
00:16:36,660 --> 00:16:34,460  
this one I was also very lucky to meet

413  
00:16:39,460 --> 00:16:36,670

Michael rush at the Jolly 13 brunch

414

00:16:42,310 --> 00:16:39,470

Michael is one of the cofounders of stop

415

00:16:44,890 --> 00:16:42,320

genicom along with our own Kylie Sturgis

416

00:16:46,540 --> 00:16:44,900

I took the opportunity to have a chat

417

00:16:48,700 --> 00:16:46,550

with Michael about why he set up the

418

00:16:53,620 --> 00:16:48,710

website and what sort of feedback he has

419

00:16:55,840 --> 00:16:53,630

been getting now you are set up stop

420

00:16:58,630 --> 00:16:55,850

Jenny calm with Carly Sturgis is that

421

00:17:00,790 --> 00:16:58,640

right yes so can you tell me a little

422

00:17:03,300 --> 00:17:00,800

bit about your website its stop Jenny

423

00:17:07,090 --> 00:17:03,310

calm and can you tell me what it's about

424

00:17:09,579 --> 00:17:07,100

okay sure yeah it's devoted to basically

425

00:17:11,939 --> 00:17:09,589

trying to expose the kind of get to the

426  
00:17:14,980 --> 00:17:11,949  
bottom of the myths and misconceptions

427  
00:17:19,000 --> 00:17:14,990  
being perpetuated in the popular media

428  
00:17:21,850 --> 00:17:19,010  
about vaccines and autism specifically

429  
00:17:24,640 --> 00:17:21,860  
focused on the claims of Jenny McCarthy

430  
00:17:26,829 --> 00:17:24,650  
so Jenny McCarthy most of Alice's would

431  
00:17:29,050 --> 00:17:26,839  
know but can you tell listens a little

432  
00:17:31,169 --> 00:17:29,060  
bit about her for those of those of them

433  
00:17:34,540 --> 00:17:31,179  
who haven't heard of Jenny okay sure

434  
00:17:36,520 --> 00:17:34,550  
Jamie McCarthy are her basically she's

435  
00:17:40,060 --> 00:17:36,530  
an entertainer she started off as a

436  
00:17:44,800 --> 00:17:40,070  
model a Playboy bunny and add she went

437  
00:17:47,650 --> 00:17:44,810  
into but she was a game show host on MTV

438  
00:17:50,649 --> 00:17:47,660

and basically she was a model and

439

00:17:54,820 --> 00:17:50,659

actress and all of a sudden

440

00:17:58,749 --> 00:17:54,830

when she her kid was allegedly diagnosed

441

00:18:02,009 --> 00:17:58,759

as autistic first she got into a

442

00:18:05,769 --> 00:18:02,019

movement called the the indigo mom

443

00:18:07,570 --> 00:18:05,779

movement which has all sorts of wacky

444

00:18:10,810 --> 00:18:07,580

beliefs but then she kind of moved on

445

00:18:12,839 --> 00:18:10,820

from that and we're sort of she sort of

446

00:18:15,519 --> 00:18:12,849

become the spokesperson of the

447

00:18:17,379 --> 00:18:15,529

anti-vaccination movement yeah can we

448

00:18:19,479 --> 00:18:17,389

talk about the Indigo mum business for a

449

00:18:22,749 --> 00:18:19,489

moment she wrote a book didn't she early

450

00:18:24,519 --> 00:18:22,759

on about evan is her son being an indigo

451

00:18:27,609 --> 00:18:24,529

child can you tell us a little bit about

452

00:18:30,060 --> 00:18:27,619

what an indigo child is sure i'm not an

453

00:18:32,680 --> 00:18:30,070

expert on it but from my understanding

454

00:18:35,469 --> 00:18:32,690

of it is and i haven't read the book by

455

00:18:37,960 --> 00:18:35,479

reading an essay she vote which is still

456

00:18:40,299 --> 00:18:37,970

available on the internet where she

457

00:18:42,159 --> 00:18:40,309

basically describes it and if you look

458

00:18:44,049 --> 00:18:42,169

it up on like wikipedia there's a lot of

459

00:18:47,409 --> 00:18:44,059

information about it but it seems like

460

00:18:49,409 --> 00:18:47,419

there was a belief for a time that a lot

461

00:18:54,879 --> 00:18:49,419

of kids that I guess had some autistic

462

00:18:59,259 --> 00:18:54,889

symptoms were seen as being I guess some

463

00:19:02,080 --> 00:18:59,269

higher-level order of humanity and that

464

00:19:05,680 --> 00:19:02,090

that was the explanation for why they

465

00:19:08,589 --> 00:19:05,690

didn't communicate easily with us and I

466

00:19:10,930 --> 00:19:08,599

guess it's a very easy belief for people

467

00:19:13,839 --> 00:19:10,940

to people want to believe something's

468

00:19:15,070 --> 00:19:13,849

their kids special as opposed to that

469

00:19:18,219 --> 00:19:15,080

there's some might be something

470

00:19:19,869 --> 00:19:18,229

neurological along with them now can you

471

00:19:21,219 --> 00:19:19,879

tell us a bit about your website Michael

472

00:19:24,969 --> 00:19:21,229

what sort of things have you got on stop

473

00:19:29,049 --> 00:19:24,979

journey com okay yeah the right now I I

474

00:19:32,350 --> 00:19:29,059

don't Kylie's added some reviews of some

475

00:19:35,770 --> 00:19:32,360

of the Gennie's books that she's read

476

00:19:39,100 --> 00:19:35,780

we have links to a bunch of great

477

00:19:42,580 --> 00:19:39,110

resources about vaccines in autism as

478

00:19:45,190 --> 00:19:42,590

well as some generic information about

479

00:19:47,770 --> 00:19:45,200

some of the most basic claims that Jenny

480

00:19:49,210 --> 00:19:47,780

McCarthy has been making and can you

481

00:19:52,150 --> 00:19:49,220

tell us some of those claims that she's

482

00:19:55,930 --> 00:19:52,160

made sure she's talked a lot about the

483

00:19:59,940 --> 00:19:55,940

ingredients of vaccines the so-called

484

00:20:02,700 --> 00:19:59,950

toxins such as she's going on about

485

00:20:05,860 --> 00:20:02,710

antifreeze which isn't in vaccines

486

00:20:08,770 --> 00:20:05,870

formaldehyde which is in vaccines but to

487

00:20:11,080 --> 00:20:08,780

no greater degree than we are exposed to

488

00:20:12,760 --> 00:20:11,090

regularly someone wrote something about

489

00:20:15,100 --> 00:20:12,770

the formaldehyde and said that there's

490

00:20:17,740 --> 00:20:15,110

much more in a banana that you would eat

491

00:20:19,330 --> 00:20:17,750

than there is in vaccines well it

492

00:20:21,640 --> 00:20:19,340

wouldn't surprise me I'm sure like Steve

493

00:20:23,650 --> 00:20:21,650

Novello David Gorski would know better

494

00:20:25,810 --> 00:20:23,660

than I would but I mean football I

495

00:20:29,200 --> 00:20:25,820

understand is we regularly have

496

00:20:32,470 --> 00:20:29,210

formaldehyde the exposure and that the

497

00:20:34,539 --> 00:20:32,480

amount in vaccines is so my new yeah and

498

00:20:36,340 --> 00:20:34,549

she also claims that there's mercury in

499

00:20:38,710 --> 00:20:36,350

vaccines doesn't she and that's not true

500

00:20:40,419 --> 00:20:38,720

for many childhood vaccines right right

501  
00:20:42,880 --> 00:20:40,429  
this is a huge one for the

502  
00:20:44,980 --> 00:20:42,890  
anti-vaccination movement that claim

503  
00:20:49,480 --> 00:20:44,990  
that's thimerosal which is a mercury

504  
00:20:51,940 --> 00:20:49,490  
base the preservative is in vaccines and

505  
00:20:53,440 --> 00:20:51,950  
now at least in the United States i'm

506  
00:20:55,720 --> 00:20:53,450  
not sure why it where it is with

507  
00:20:58,090 --> 00:20:55,730  
australia but in the united states it's

508  
00:21:01,419 --> 00:20:58,100  
only it only remains in some flu

509  
00:21:04,350 --> 00:21:01,429  
vaccinations and it's actually a form of

510  
00:21:08,620 --> 00:21:04,360  
mercury called ethyl mercury which is um

511  
00:21:10,690 --> 00:21:08,630  
it doesn't bioaccumulate and it doesn't

512  
00:21:13,659 --> 00:21:10,700  
say in the system the way that methyl

513  
00:21:16,960 --> 00:21:13,669

mercury does it's a far safer form and

514

00:21:18,580 --> 00:21:16,970

the dosage again is so minut that it

515

00:21:20,740 --> 00:21:18,590

would take an extraordinarily large

516

00:21:22,810 --> 00:21:20,750

dosage to cause any kind of neurological

517

00:21:24,460 --> 00:21:22,820

damage yeah I mean in most childhood

518

00:21:27,940 --> 00:21:24,470

vaccines thimerosal were just removed

519

00:21:29,320 --> 00:21:27,950

from them in the year 2000 in some cases

520

00:21:31,030 --> 00:21:29,330

it's still used in the manufacturing

521

00:21:33,340 --> 00:21:31,040

process but it's removed so there might

522

00:21:35,919 --> 00:21:33,350

be trace trace amounts but the thing

523

00:21:38,320 --> 00:21:35,929

that the anti-vaxxers try to say is that

524

00:21:39,850 --> 00:21:38,330

they infer that it's the as you say the

525

00:21:40,830 --> 00:21:39,860

methyl mercury which is the organic

526

00:21:43,409 --> 00:21:40,840

mercury

527

00:21:46,260 --> 00:21:43,419

is a bad stuff but that is not what is

528

00:21:49,230 --> 00:21:46,270

in the manufacturing process of vaccines

529

00:21:51,019 --> 00:21:49,240

right and what they like to say to the

530

00:21:53,519 --> 00:21:51,029

public is there's mercury in vaccines

531

00:21:55,830 --> 00:21:53,529

mercury we know is bad and that's the

532

00:21:59,430 --> 00:21:55,840

end of a subject and they leave out a

533

00:22:02,070 --> 00:21:59,440

huge wealth of information and you know

534

00:22:03,990 --> 00:22:02,080

mercury can be very it's one of the joke

535

00:22:06,510 --> 00:22:04,000

at methyl mercury and even ethyl mercury

536

00:22:09,840 --> 00:22:06,520

they could be very toxic things in high

537

00:22:11,220 --> 00:22:09,850

dosage but these aren't the types of

538

00:22:13,289 --> 00:22:11,230

people who really know what they're

539

00:22:17,760 --> 00:22:13,299

talking about and a great example is

540

00:22:20,820 --> 00:22:17,770

that jenny has since McCrae's de boat ox

541

00:22:23,669 --> 00:22:20,830

which is obviously in even more

542

00:22:26,190 --> 00:22:23,679

dangerous toxin than any form of mercury

543

00:22:28,889 --> 00:22:26,200

yeah well it's botulinum toxin right and

544

00:22:31,110 --> 00:22:28,899

that is incredibly toxic right right and

545

00:22:33,570 --> 00:22:31,120

I mean she's still like this isn't even

546

00:22:35,730 --> 00:22:33,580

in older claim this was a claim she made

547

00:22:40,799 --> 00:22:35,740

just a few months ago that she praised

548

00:22:42,630 --> 00:22:40,809

up Botox and this is well into her new

549

00:22:45,060 --> 00:22:42,640

career as spokesperson for the

550

00:22:47,460 --> 00:22:45,070

anti-vaccination movement so are you

551

00:22:48,810 --> 00:22:47,470

saying that she's a her she might be

552

00:22:50,340 --> 00:22:48,820

getting her facts wrong and that she's

553

00:22:52,560 --> 00:22:50,350

perhaps a bit of a hypocrite Michael

554

00:22:55,590 --> 00:22:52,570

yeah I think that's it that's what I

555

00:22:57,389 --> 00:22:55,600

would say sure so the the end of your

556

00:22:59,580 --> 00:22:57,399

website is to expose the misinformation

557

00:23:02,730 --> 00:22:59,590

that Jenny is perpetuating is that right

558

00:23:07,380 --> 00:23:02,740

yes I was started off by being really

559

00:23:11,340 --> 00:23:07,390

inspired by a skeptic named Robert

560

00:23:14,639 --> 00:23:11,350

Lancaster we started up stop Sylvia yeah

561

00:23:17,880 --> 00:23:14,649

and he was that basically chris isaak

562

00:23:19,889 --> 00:23:17,890

specifically Sylvia Browne and I thought

563

00:23:22,860 --> 00:23:19,899

that was a great idea for the skeptical

564

00:23:26,100 --> 00:23:22,870

movement I want to see more skeptics

565

00:23:30,149 --> 00:23:26,110

take on specific individuals so that if

566

00:23:31,740 --> 00:23:30,159

people Google search those names they

567

00:23:34,560 --> 00:23:31,750

could get the criticism white neck

568

00:23:37,650 --> 00:23:34,570

yeah and so since I didn't know much

569

00:23:39,900 --> 00:23:37,660

about to be I couldn't write a website

570

00:23:43,110 --> 00:23:39,910

on my own I went to the James Randi

571

00:23:46,110 --> 00:23:43,120

Educational Foundation forums and said

572

00:23:48,240 --> 00:23:46,120

asked people if anybody wanted to help

573

00:23:52,340 --> 00:23:48,250

me out if anybody knew how to fight

574

00:23:55,380 --> 00:23:52,350

website and I got a lot of hits and

575

00:23:57,660 --> 00:23:55,390

first it was somebody who's still

576

00:23:59,670 --> 00:23:57,670

anonymous on our website was mostly

577

00:24:01,950 --> 00:23:59,680

responsible for designing the site and

578

00:24:04,650 --> 00:24:01,960

most of the hard work and then through

579

00:24:08,100 --> 00:24:04,660

heard she cope is she gotten in contact

580

00:24:10,740 --> 00:24:08,110

with Kylie Sturgis and Kylie joined on

581

00:24:13,200 --> 00:24:10,750

and her name as well as my own up here

582

00:24:15,330 --> 00:24:13,210

on the site so have you had a good

583

00:24:17,430 --> 00:24:15,340

response to the site is it getting lots

584

00:24:20,340 --> 00:24:17,440

of hits and and also have you had any

585

00:24:22,920 --> 00:24:20,350

bad response like from anti-vaxxers yes

586

00:24:25,830 --> 00:24:22,930

certainly we're first went up because i

587

00:24:28,560 --> 00:24:25,840

did a heavy campaign the first week to

588

00:24:30,870 --> 00:24:28,570

get the skeptical and scientific

589

00:24:33,840 --> 00:24:30,880

bloggers to promote it I contacted

590

00:24:37,140 --> 00:24:33,850

biologist pz myers who's notorious for

591

00:24:39,600 --> 00:24:37,150

having a huge readership and he he

592

00:24:43,050 --> 00:24:39,610

promoted the site David skorsky promoted

593

00:24:45,150 --> 00:24:43,060

it on his website Phil Plait and a

594

00:24:48,930 --> 00:24:45,160

low-grade skeptics promoting it so we

595

00:24:52,050 --> 00:24:48,940

got a huge hit perfect and then Tim

596

00:24:54,600 --> 00:24:52,060

Farley of what's the harm help to

597

00:24:56,110 --> 00:24:54,610

promote it and so we did get a lot of

598

00:24:59,330 --> 00:24:56,120

critical

599

00:25:02,060 --> 00:24:59,340

comments as well a lot of them accusing

600

00:25:04,280 --> 00:25:02,070

us of infringing on Jenny McCarthy's

601  
00:25:07,970 --> 00:25:04,290  
freedom of speech which I've never quite

602  
00:25:09,440 --> 00:25:07,980  
understood riding right but you're not

603  
00:25:11,060 --> 00:25:09,450  
trying to shut Jenny McCarthy down

604  
00:25:13,370 --> 00:25:11,070  
you're just trying to make people aware

605  
00:25:15,620 --> 00:25:13,380  
that what she says it's not right right

606  
00:25:17,900 --> 00:25:15,630  
I think anybody has the freedom to say

607  
00:25:20,900 --> 00:25:17,910  
whatever they want I mean to a degree I

608  
00:25:23,540 --> 00:25:20,910  
mean an argument could be made of the

609  
00:25:25,880 --> 00:25:23,550  
proverbial shouting fire in a crowded

610  
00:25:27,500 --> 00:25:25,890  
theater I mean argument can be made but

611  
00:25:29,620 --> 00:25:27,510  
I mean that's not the goal of the site

612  
00:25:31,850 --> 00:25:29,630  
people who take that that's politics

613  
00:25:34,760 --> 00:25:31,860

we're not trying to shut her up we just

614

00:25:36,140 --> 00:25:34,770

want to inform the public yeah well

615

00:25:37,910 --> 00:25:36,150

thanks for talking to us today Michael

616

00:25:39,860 --> 00:25:37,920

and so listeners can go to stop Jenny

617

00:25:42,530 --> 00:25:39,870

calm is that the right yes that's

618

00:25:44,570 --> 00:25:42,540

correct thanks a lot thank you and just

619

00:25:45,920 --> 00:25:44,580

finally here's a chat i had with some of

620

00:25:57,980 --> 00:25:45,930

the other people that were there on

621

00:26:07,460 --> 00:25:57,990

sunday the 13th of September jolly three

622

00:26:13,500 --> 00:26:10,650

good now that you're here and you're

623

00:26:15,150 --> 00:26:13,510

wearing a lovely shirt today which has

624

00:26:18,390 --> 00:26:15,160

been designed by a friend Ricky burns

625

00:26:21,750 --> 00:26:18,400

from hell Ricky is an amazingly talented

626

00:26:23,040 --> 00:26:21,760

artist and I adore this shirt she made

627

00:26:25,410 --> 00:26:23,050

it over the skeptics guide to the

628

00:26:27,600 --> 00:26:25,420

universe and it is one of my all-time

629

00:26:30,270 --> 00:26:27,610

favorite shirts because before we just

630

00:26:34,160 --> 00:26:30,280

had our logo on a shirt and now we have

631

00:26:36,900 --> 00:26:34,170

this amazing like 60s beetle s

632

00:26:44,160 --> 00:26:36,910

awesomeness and I get complimented on it

633

00:26:45,990 --> 00:26:44,170

everywhere I go could you guys introduce

634

00:26:51,150 --> 00:26:46,000

yourselves and tell us why you're here

635

00:26:54,900 --> 00:26:51,160

where you from I'm Walter Mattingly I'm

636

00:26:57,930 --> 00:26:54,910

from New Jersey and I'm here because I

637

00:27:00,240 --> 00:26:57,940

don't believe in any superstitions I'm

638

00:27:03,770 --> 00:27:00,250

Kirsten I'm married to Walter Walter got

639

00:27:07,680 --> 00:27:03,780

me into this and I'm glad you did I'm

640

00:27:10,680 --> 00:27:07,690

Michael of soft Airy com I'm here

641

00:27:14,550 --> 00:27:10,690

because uh but I love skeptics said I

642

00:27:16,470 --> 00:27:14,560

love her yeah I had a great time at the

643

00:27:18,840 --> 00:27:16,480

meeting of the Jolly 13 in New York City

644

00:27:21,030 --> 00:27:18,850

and thanks Danny for the invitation if

645

00:27:22,770 --> 00:27:21,040

you're in the area i recommend you catch

646

00:27:25,440 --> 00:27:22,780

up with them on the thirteenth of every

647

00:27:27,390 --> 00:27:25,450

month for a drink a chat where you two

648

00:27:30,990 --> 00:27:27,400

will be able to sell your soul to Gerard

649

00:27:44,990 --> 00:27:31,000

the unlucky crow and until next time

650

00:27:50,279 --> 00:27:48,029

this is des Rochelle hosted skeptically

651  
00:27:52,649 --> 00:27:50,289  
speaking check out our website at

652  
00:27:56,520 --> 00:27:52,659  
skeptically speaking calm and listen to

653  
00:28:00,299 --> 00:27:56,530  
us live on CJ SR 88.5 FM in Edmonton

654  
00:28:06,480 --> 00:28:00,309  
Alberta Canada I now return you to the

655  
00:28:13,560 --> 00:28:06,490  
skeptic zone join us now for drinking

656  
00:28:16,799 --> 00:28:13,570  
skeptically in the think tank cheers

657  
00:28:21,960 --> 00:28:16,809  
everybody she is the director Jason and

658  
00:28:23,880 --> 00:28:21,970  
she's jammu and welcome to the think

659  
00:28:26,250 --> 00:28:23,890  
tank it's wonderful to be back at our

660  
00:28:28,649 --> 00:28:26,260  
regular spot dr. aging pirates at how

661  
00:28:31,440 --> 00:28:28,659  
are you I'm really well and hello to

662  
00:28:34,850 --> 00:28:31,450  
Joanne I Richard I'm very nice to be

663  
00:28:38,159 --> 00:28:34,860

back this isn't it n Diane hi hi Diane

664

00:28:39,630 --> 00:28:38,169

normally we have another room here at

665

00:28:41,310 --> 00:28:39,640

our favorite club but that rooms being

666

00:28:44,250 --> 00:28:41,320

used so sort of come out to the

667

00:28:46,830 --> 00:28:44,260

restaurant so if you hear food sort of

668

00:28:50,010 --> 00:28:46,840

nomming noises in the background then

669

00:28:52,320 --> 00:28:50,020

it's Richard Saunders oh no what we've

670

00:28:54,510 --> 00:28:52,330

all eaten we all had a huge Chinese

671

00:28:56,190 --> 00:28:54,520

dinner nom des el silly he ever owned

672

00:28:58,640 --> 00:28:56,200

else actually but it's great to be back

673

00:29:01,799 --> 00:28:58,650

in the think tank the last thing thank

674

00:29:05,130 --> 00:29:01,809

in fact that when out on the show was I

675

00:29:07,200 --> 00:29:05,140

from New Zealand it was from Oakland to

676

00:29:09,840 --> 00:29:07,210

fix in the pub in Auckland the very

677

00:29:12,419 --> 00:29:09,850

first skeptics in the pub and it was

678

00:29:14,279 --> 00:29:12,429

apparently so so thanks to Kyle Easter

679

00:29:16,740 --> 00:29:14,289

just for doing that one for us but now

680

00:29:19,770 --> 00:29:16,750

we're back at our regular our regular

681

00:29:21,840 --> 00:29:19,780

spot so let's kick off dr. aging what do

682

00:29:24,240 --> 00:29:21,850

you have for us well I first thing

683

00:29:27,240 --> 00:29:24,250

wanted to send out a plug for our good

684

00:29:28,510 --> 00:29:27,250

friend Scott Guevara who is a skeptical

685

00:29:30,560 --> 00:29:28,520

blogger from Canada

686

00:29:32,659 --> 00:29:30,570

scott has the website called

687

00:29:35,510 --> 00:29:32,669

science-based pharmacy and he's a

688

00:29:40,700 --> 00:29:35,520

pharmacist and he writes some very good

689

00:29:42,020 --> 00:29:40,710

critical science-based posts about some

690

00:29:44,000 --> 00:29:42,030

of the things he comes across in his

691

00:29:45,770 --> 00:29:44,010

profession which we all know is a bit of

692

00:29:49,610 --> 00:29:45,780

a problem in some parts of the world

693

00:29:51,919 --> 00:29:49,620

particularly in Australia Scott has

694

00:29:55,039 --> 00:29:51,929

recently become involved in a new blog

695

00:29:57,560 --> 00:29:55,049

called skeptic NORTHCOM and it's a

696

00:29:59,960 --> 00:29:57,570

pan-canadian skeptical blog it's just a

697

00:30:02,690 --> 00:29:59,970

collection of Canadian bloggers who just

698

00:30:05,480 --> 00:30:02,700

got together to sort of do a bunch of

699

00:30:07,010 --> 00:30:05,490

of posts so he's blowing this part of

700

00:30:09,799 --> 00:30:07,020

that so I urge you to check that out at

701  
00:30:12,080 --> 00:30:09,809  
skeptic NORTHCOM I really like to hear

702  
00:30:13,669 --> 00:30:12,090  
about skeptics in Canada got a very

703  
00:30:16,190 --> 00:30:13,679  
soft-spoken canada of course having

704  
00:30:17,600 --> 00:30:16,200  
lived there many years ago and a big

705  
00:30:19,850 --> 00:30:17,610  
shout out in a big hi to all our

706  
00:30:22,220 --> 00:30:19,860  
canadian mrs. listeners especially for

707  
00:30:23,659 --> 00:30:22,230  
the ones in saskatchewan how do we have

708  
00:30:27,770 --> 00:30:23,669  
some no just cause he used to live there

709  
00:30:29,899 --> 00:30:27,780  
with you oh okay i also want to give a

710  
00:30:32,870 --> 00:30:29,909  
big shout out to everyone I met on my

711  
00:30:34,850 --> 00:30:32,880  
recent trip to the States I went to

712  
00:30:38,240 --> 00:30:34,860  
dragoncon as you know but I also went to

713  
00:30:39,890 --> 00:30:38,250

nexus in new york city and i met lots

714

00:30:41,750 --> 00:30:39,900

and lots of people that I know from

715

00:30:44,720 --> 00:30:41,760

Twitter and from facebook who had not

716

00:30:46,549 --> 00:30:44,730

actually set eyes upon before so I had

717

00:30:48,529 --> 00:30:46,559

such a great time and I want to thank

718

00:30:50,090 --> 00:30:48,539

everyone for well we could tell you had

719

00:30:52,220 --> 00:30:50,100

a great time from your doctor ricci

720

00:30:54,409 --> 00:30:52,230

reports over the last few weeks yeah I'm

721

00:30:56,630 --> 00:30:54,419

the one from today as well in at the 13

722

00:30:58,549 --> 00:30:56,640

club that we ran tastic yeah big shout

723

00:31:01,159 --> 00:30:58,559

out to Danny Danny Kaye who runs the

724

00:31:03,169 --> 00:31:01,169

Jolly 13 in John 13 yes Cydia it's a

725

00:31:04,279 --> 00:31:03,179

great great club with a parrot in the

726

00:31:07,490 --> 00:31:04,289

background with a parrot in the

727

00:31:08,990 --> 00:31:07,500

background and and an unlucky crow to

728

00:31:12,980 --> 00:31:09,000

which you can surrender your soul would

729

00:31:15,680 --> 00:31:12,990

you did I dentist so if I start occur if

730

00:31:18,590 --> 00:31:15,690

I start to fade away or I don't know

731

00:31:21,529 --> 00:31:18,600

what happens when you my dear soul I

732

00:31:35,630 --> 00:31:21,539

don't know apparently nothing oh nice

733

00:31:37,490 --> 00:31:35,640

and just just finally the team and

734

00:31:39,549 --> 00:31:37,500

I was able before I surrendered myself

735

00:31:43,149 --> 00:31:39,559

which I can't to tell much difference

736

00:31:45,529 --> 00:31:43,159

I'm saying I'm just ate a bit more mail

737

00:31:49,220 --> 00:31:45,539

some of our listeners may have heard

738

00:31:51,710 --> 00:31:49,230

that the some members of the Australian

739

00:31:53,180 --> 00:31:51,720  
community filed a report to the

740

00:31:54,889 --> 00:31:53,190  
healthcare Complaints Commission about

741

00:31:58,010 --> 00:31:54,899  
the Australian vaccination network now

742

00:32:00,560 --> 00:31:58,020  
that is currently being investigated by

743

00:32:01,880 --> 00:32:00,570  
the Commission they decided that the ABN

744

00:32:03,889 --> 00:32:01,890  
would be subject to a formal

745

00:32:06,500 --> 00:32:03,899  
investigation hmm but in the meantime

746

00:32:08,840 --> 00:32:06,510  
we've had a bit of a triple c action of

747

00:32:12,260 --> 00:32:08,850  
our own recently haven't li Richard yes

748

00:32:14,659 --> 00:32:12,270  
a chiropractor from South Australia I

749

00:32:17,060 --> 00:32:14,669  
think actually i don't know where i

750

00:32:20,060 --> 00:32:17,070  
think these from selves variable has

751

00:32:23,600 --> 00:32:20,070

lodged a complaint with the H Triple C

752

00:32:27,440 --> 00:32:23,610

which is the help ok complete remission

753

00:32:30,409 --> 00:32:27,450

thank you because we reproduce something

754

00:32:32,990 --> 00:32:30,419

by Simon Singh we clean our website and

755

00:32:35,539 --> 00:32:33,000

this chiropractor was most unhappy and

756

00:32:39,350 --> 00:32:35,549

complained to the government well we've

757

00:32:41,930 --> 00:32:39,360

responded on our website wwc optics com

758

00:32:43,399 --> 00:32:41,940

au and people can download our response

759

00:32:45,470 --> 00:32:43,409

to that complaint very interesting

760

00:32:47,360 --> 00:32:45,480

reading you can see his complaint you

761

00:32:50,389 --> 00:32:47,370

can see our response to this complaint

762

00:32:52,460 --> 00:32:50,399

and basically we reproduce the simon

763

00:32:53,899 --> 00:32:52,470

seeing article beware the spinal trap

764

00:32:56,330 --> 00:32:53,909

which is what caused the original

765

00:32:58,100 --> 00:32:56,340

problems with the guardian as part of a

766

00:33:00,139 --> 00:32:58,110

campaign organized by sense about

767

00:33:01,289 --> 00:33:00,149

science to get it reproduced across the

768

00:33:03,600 --> 00:33:01,299

world

769

00:33:05,820 --> 00:33:03,610

at the same time on lots of different

770

00:33:07,919 --> 00:33:05,830

blogs so people could actually read the

771

00:33:10,229 --> 00:33:07,929

article for themselves and he denied

772

00:33:13,979 --> 00:33:10,239

that have you had any feedback from the

773

00:33:15,659 --> 00:33:13,989

hplc not yet it's still all in back and

774

00:33:17,220 --> 00:33:15,669

forth the complaints not due until the

775

00:33:19,080 --> 00:33:17,230

16th of October so they won't do

776

00:33:21,600 --> 00:33:19,090

anything about it until then so and that

777

00:33:22,889 --> 00:33:21,610

stage will well no but um it's

778

00:33:25,109 --> 00:33:22,899

interesting reading because it's a

779

00:33:27,889 --> 00:33:25,119

little bit rambling as you can play I

780

00:33:30,690 --> 00:33:27,899

know doesn't really address the

781

00:33:32,340 --> 00:33:30,700

legislation you know you would assume

782

00:33:33,989 --> 00:33:32,350

that if he's claiming that we've

783

00:33:35,700 --> 00:33:33,999

breached the legislation he would cite

784

00:33:37,729 --> 00:33:35,710

this part of the legislation but more

785

00:33:39,869 --> 00:33:37,739

more of a rambling defense of

786

00:33:41,909 --> 00:33:39,879

chiropractic isn't yeah and it's more a

787

00:33:43,859 --> 00:33:41,919

kind of stamp my little foot on cranky

788

00:33:45,509 --> 00:33:43,869

at you kind of I thought you hear

789

00:33:47,549 --> 00:33:45,519

something it's not it's a bit very well

790

00:33:49,139 --> 00:33:47,559

structured or laid out and um yeah but

791

00:33:50,340 --> 00:33:49,149

have a look at the ones i think it's all

792

00:33:52,470 --> 00:33:50,350

day god for yourself his whole

793

00:33:55,680 --> 00:33:52,480

complaints there plus our our red spots

794

00:34:00,479 --> 00:33:55,690

here well let's toss the button to joe

795

00:34:02,129 --> 00:34:00,489

joe yeah baby um well i think one of the

796

00:34:06,140 --> 00:34:02,139

big news items which we've all been

797

00:34:09,860 --> 00:34:06,150

hearing about last 24 hours is the

798

00:34:11,659 --> 00:34:09,870

brr nobel prize for medicine hmm which

799

00:34:13,159 --> 00:34:11,669

most are these are feeling rather

800

00:34:16,940 --> 00:34:13,169

chuffed about because we've had our

801  
00:34:19,490 --> 00:34:16,950  
first ever female Nobel laureate which

802  
00:34:22,600 --> 00:34:19,500  
is dr. that sorry professor Elizabeth

803  
00:34:25,340 --> 00:34:22,610  
Blackburn who is a molecular biologist

804  
00:34:27,919 --> 00:34:25,350  
who is from Tasmania originally but is

805  
00:34:31,399 --> 00:34:27,929  
now based in the States and mr.

806  
00:34:34,730 --> 00:34:31,409  
Blackburn won the nobel prize for her

807  
00:34:35,990 --> 00:34:34,740  
study of telomeres which are end up

808  
00:34:40,250 --> 00:34:36,000  
reaching knows far more about this than

809  
00:34:42,860 --> 00:34:40,260  
I do but they are the caps that protect

810  
00:34:44,720 --> 00:34:42,870  
the chromosomes in cells and professor

811  
00:34:47,120 --> 00:34:44,730  
Blackburn discovered the telomerase

812  
00:34:49,460 --> 00:34:47,130  
which is an enzyme that effectively

813  
00:34:51,649 --> 00:34:49,470

controls the protection of the

814

00:34:57,440 --> 00:34:51,659

chromosome yeah and she did this along

815

00:34:59,870 --> 00:34:57,450

with Jack szostak who worked on the DNA

816

00:35:01,730 --> 00:34:59,880

sequence part of the telomere and Carol

817

00:35:06,460 --> 00:35:01,740

Greider who I did identify the

818

00:35:09,320 --> 00:35:06,470

telomerase and the fantastic thing about

819

00:35:13,790 --> 00:35:09,330

professor Blackburn is that she is a

820

00:35:16,310 --> 00:35:13,800

very outspoken scientist who is very

821

00:35:20,030 --> 00:35:16,320

much for the non politicization of

822

00:35:21,500 --> 00:35:20,040

science and I was actually as I read

823

00:35:23,680 --> 00:35:21,510

today she was actually dropped from

824

00:35:27,740 --> 00:35:23,690

George Bush's Council on bioethics in

825

00:35:31,340 --> 00:35:27,750

2004 after questioning bias of this some

826

00:35:36,560 --> 00:35:31,350

his counsel what about Donna so she is

827

00:35:38,270 --> 00:35:36,570

very very Pro what I think you know the

828

00:35:41,360 --> 00:35:38,280

scientific community stands for and

829

00:35:42,320 --> 00:35:41,370

skeptical community stands for and all

830

00:35:43,780 --> 00:35:42,330

around town

831

00:35:45,920 --> 00:35:43,790

for other special human being

832

00:35:48,170 --> 00:35:45,930

congratulations to her that's wonderful

833

00:35:49,520 --> 00:35:48,180

news wonderful news mmm I'm always

834

00:35:51,590 --> 00:35:49,530

mentioning to Joe a little bit earlier

835

00:35:54,140 --> 00:35:51,600

that I heard a lot of coverage about

836

00:35:58,360 --> 00:35:54,150

this this morning on the radio and a

837

00:36:00,920 --> 00:35:58,370

couple of announcers on our public

838

00:36:03,920 --> 00:36:00,930

broadcaster or government broadcast

839

00:36:05,630 --> 00:36:03,930

eventually the ABC we're saying that

840

00:36:09,800 --> 00:36:05,640

this is a such an amazing discovery

841

00:36:12,080 --> 00:36:09,810

because as you know the telomere if it

842

00:36:14,600 --> 00:36:12,090

degrades that is thought to be linked to

843

00:36:16,460 --> 00:36:14,610

aging so if you can maintain the length

844

00:36:18,380 --> 00:36:16,470

of the end of the chromosomes which is

845

00:36:21,680 --> 00:36:18,390

called the telomere you can prevent

846

00:36:23,120 --> 00:36:21,690

aging and so it's not really knowing

847

00:36:25,670 --> 00:36:23,130

whether there's a direct connection but

848

00:36:29,540 --> 00:36:25,680

it is known that as it breaks down it in

849

00:36:31,610 --> 00:36:29,550

aging occurs oh so that these two

850

00:36:33,290 --> 00:36:31,620

presenters on the radio we're saying

851

00:36:36,860 --> 00:36:33,300

that this is so amazing it such a

852

00:36:39,170 --> 00:36:36,870

breakthrough but now we won't need it's

853

00:36:41,060 --> 00:36:39,180

basically a solution to aging and the

854

00:36:42,770 --> 00:36:41,070

cosmetics industry is going to go broke

855

00:36:46,010 --> 00:36:42,780

because we can just add some of this

856

00:36:48,320 --> 00:36:46,020

enzyme into some face cream and only

857

00:36:50,600 --> 00:36:48,330

forever and they use the media's

858

00:36:52,550 --> 00:36:50,610

favorite word breakthrough but the thing

859

00:36:55,160 --> 00:36:52,560

is they weren't really joking I know

860

00:36:57,260 --> 00:36:55,170

they were and the thing that really

861

00:36:59,630 --> 00:36:57,270

surprised me about it was one of them

862

00:37:04,480 --> 00:36:59,640

should know better I'm not going to

863

00:37:08,870 --> 00:37:07,220

know I mean Nobel Prizes don't happen

864

00:37:11,720 --> 00:37:08,880

overnight and this research has been

865

00:37:13,040 --> 00:37:11,730

around for 20 years decades you know

866

00:37:15,410 --> 00:37:13,050

we've known about the existence of

867

00:37:17,480 --> 00:37:15,420

telomeres for a long time and they

868

00:37:19,580 --> 00:37:17,490

haven't revolutionized the cosmetics

869

00:37:21,950 --> 00:37:19,590

industry and that's really not the point

870

00:37:23,750 --> 00:37:21,960

of this discover anyway in fact that's

871

00:37:25,910 --> 00:37:23,760

one of the things is that the it's the

872

00:37:30,350 --> 00:37:25,920

implications of this work that are so

873

00:37:32,300 --> 00:37:30,360

important and you know anti-aging is is

874

00:37:34,280 --> 00:37:32,310

the the last thing that it would be used

875

00:37:36,470 --> 00:37:34,290

for and in fact me but I heard that too

876

00:37:38,660 --> 00:37:36,480

actually in news reports today I mean

877

00:37:40,010 --> 00:37:38,670

that's the the media especially the

878

00:37:41,900 --> 00:37:40,020

commercial media will look for something

879

00:37:43,950 --> 00:37:41,910

in this they can latch on to Warren

880

00:37:45,510 --> 00:37:43,960

Australian even though she's been living

881

00:37:47,370 --> 00:37:45,520

in the States for 30 years it doesn't

882

00:37:49,530 --> 00:37:47,380

matter she's a naughty when it comes to

883

00:37:52,110 --> 00:37:49,540

this led to something out is the better

884

00:37:55,380 --> 00:37:52,120

oh yeah yeah something the public can

885

00:37:57,530 --> 00:37:55,390

easily understand Oh antiaging Bing Bing

886

00:38:01,080 --> 00:37:57,540

Bing Bing and and it just demonstrates

887

00:38:04,350 --> 00:38:01,090

the you know scientific illiteracy oh

888

00:38:06,390 --> 00:38:04,360

yeah media who are abortion on this that

889

00:38:08,730 --> 00:38:06,400

you know the real importance of this

890

00:38:12,600 --> 00:38:08,740

which is actually in in cancer research

891

00:38:14,400 --> 00:38:12,610

and in how we can you know how we can

892

00:38:17,430 --> 00:38:14,410

actually look at drugs which may be able

893

00:38:18,720 --> 00:38:17,440

to target these areas because part of it

894

00:38:22,820 --> 00:38:18,730

is that it's very much involved in how

895

00:38:25,200 --> 00:38:22,830

cancer cells grow and pretty frayed so

896

00:38:27,330 --> 00:38:25,210

you know that that's really important

897

00:38:29,400 --> 00:38:27,340

nevertheless nevertheless it's a good

898

00:38:30,780 --> 00:38:29,410

thing it's a good it is in any case the

899

00:38:32,490 --> 00:38:30,790

cosmetic industry has already got that

900

00:38:35,220 --> 00:38:32,500

sorted I think I've got stuff called day

901  
00:38:37,560 --> 00:38:35,230  
and age anyway so don't either i don't

902  
00:38:42,630 --> 00:38:37,570  
think the cosmetic industry are in any

903  
00:38:44,130 --> 00:38:42,640  
fear of going broke no no but that face

904  
00:38:48,240 --> 00:38:44,140  
pack you're currently wearing Richard

905  
00:38:53,280 --> 00:38:48,250  
would you think it's called salmon

906  
00:38:56,160 --> 00:38:53,290  
Express yes every morning i slept raw

907  
00:38:58,830 --> 00:38:56,170  
salmon on my face I have to keep the

908  
00:39:01,080 --> 00:38:58,840  
grizzly bears at bay but like this let's

909  
00:39:05,790 --> 00:39:01,090  
cross the base with the wet babe that's

910  
00:39:07,380 --> 00:39:05,800  
it and then you get to nominate but of

911  
00:39:12,270 --> 00:39:07,390  
course the counterpart to the Nobel

912  
00:39:16,230 --> 00:39:12,280  
Prize is the ignoble progress which as

913  
00:39:19,320 --> 00:39:16,240

the presenters of the ignoble prize say

914

00:39:21,690 --> 00:39:19,330

that um that the aim of ignoble czar to

915

00:39:24,210 --> 00:39:21,700

present science which first makes people

916

00:39:25,470 --> 00:39:24,220

laugh and makes people think and they're

917

00:39:27,570 --> 00:39:25,480

presented by the annals of improbable

918

00:39:28,980 --> 00:39:27,580

research and the winners this year I

919

00:39:30,510 --> 00:39:28,990

won't give you all of them you can go

920

00:39:32,160 --> 00:39:30,520

and look at them yourself on the the

921

00:39:33,720 --> 00:39:32,170

website for the ignoble speech I don't

922

00:39:36,120 --> 00:39:33,730

actually have the name of at hand we

923

00:39:39,410 --> 00:39:36,130

shouldn't be hard to find but some of

924

00:39:42,530 --> 00:39:39,420

them were really quite fabulous so

925

00:39:45,049 --> 00:39:42,540

I think the winner for the public health

926

00:39:46,460 --> 00:39:45,059

prize went to dr. Elena Bodnar who

927

00:39:48,349 --> 00:39:46,470

invented a brassiere which in an

928

00:39:55,190 --> 00:39:48,359

emergency can be converted to to face

929

00:39:56,990 --> 00:39:55,200

Mars and there's a lovely pressure here

930

00:40:01,460 --> 00:39:57,000

which you can see the grip so do people

931

00:40:03,260 --> 00:40:01,470

man some poor man wearing a bra /

932

00:40:05,960 --> 00:40:03,270

they're wearing it you're wearing it

933

00:40:09,530 --> 00:40:05,970

yeah it's it's attractive it is yes

934

00:40:11,299 --> 00:40:09,540

becoming mmm so like if there's an

935

00:40:13,819 --> 00:40:11,309

emergency and you need a face mask hey

936

00:40:15,380 --> 00:40:13,829

just give the nearby woman to offer are

937

00:40:17,599 --> 00:40:15,390

you know women are very good at you know

938

00:40:21,530 --> 00:40:17,609

yeah they're under and then you shove

939

00:40:24,049 --> 00:40:21,540

your face in it boom yeah well you never

940

00:40:25,910 --> 00:40:24,059

know when you need fetish market yeah

941

00:40:28,180 --> 00:40:25,920

you never know when saying but these are

942

00:40:30,500 --> 00:40:28,190

special these are special bras with

943

00:40:33,370 --> 00:40:30,510

strap so you have separate on your head

944

00:40:37,220 --> 00:40:33,380

or something they've got some kind of

945

00:40:40,370 --> 00:40:37,230

each bra cup each bras Kupchak section

946

00:40:41,809 --> 00:40:40,380

is fitted with the filter device meaning

947

00:40:44,180 --> 00:40:41,819

the wearer can rip it off and attach

948

00:40:46,910 --> 00:40:44,190

each section to fit it over the place so

949

00:40:49,910 --> 00:40:46,920

an emergency the wearer gets one and she

950

00:40:52,220 --> 00:40:49,920

asked you which you know I kind of like

951  
00:40:57,440 --> 00:40:52,230  
how an aeroplane you have to figure I'm

952  
00:41:00,650 --> 00:40:57,450  
a small boy lovers ah I got to see that

953  
00:41:03,410 --> 00:41:00,660  
on the switch tha now some of the other

954  
00:41:05,289 --> 00:41:03,420  
prizes where rum the Peace Prize went to

955  
00:41:07,910 --> 00:41:05,299  
Stephen Bollinger and Stephen Ross

956  
00:41:09,890 --> 00:41:07,920  
amongst others from Switzerland for

957  
00:41:11,299 --> 00:41:09,900  
determining by experiment whether it is

958  
00:41:13,069 --> 00:41:11,309  
better to be smashed over the head with

959  
00:41:14,680 --> 00:41:13,079  
a full bottle of beer or with an empty

960  
00:41:18,049 --> 00:41:14,690  
bottle up there

961  
00:41:20,269 --> 00:41:18,059  
mm-hmm and we were going to conduct

962  
00:41:22,220 --> 00:41:20,279  
their own Testament we dr. hu actually

963  
00:41:24,499 --> 00:41:22,230

we should we should we should submit

964

00:41:26,480 --> 00:41:24,509

that the next she is ignoble Spurs yeah

965

00:41:27,799 --> 00:41:26,490

I was looking at a journal today a

966

00:41:29,539 --> 00:41:27,809

science journal and I was trying to

967

00:41:31,609 --> 00:41:29,549

determine the impact factor which is

968

00:41:34,120 --> 00:41:31,619

sort of the you know importance of the

969

00:41:36,319 --> 00:41:34,130

journal has known as an impact factor in

970

00:41:40,069 --> 00:41:36,329

journals are rated according to their

971

00:41:41,569 --> 00:41:40,079

importance and I asked you what with you

972

00:41:43,220 --> 00:41:41,579

thought the impact factor might be and

973

00:41:45,499 --> 00:41:43,230

you suggested that perhaps if I bring

974

00:41:47,150 --> 00:41:45,509

the journal tonight and whack you over

975

00:41:51,950 --> 00:41:47,160

the head with it we could determine the

976

00:41:55,880 --> 00:41:51,960

impact factor on your head well look I

977

00:41:57,620 --> 00:41:55,890

happened is that this experiment right

978

00:41:58,960 --> 00:41:57,630

now I'm wondering what you know perhaps

979

00:42:01,220 --> 00:41:58,970

something from the Journal of homeopathy

980

00:42:04,759 --> 00:42:01,230

visit a the New England Journal of men

981

00:42:07,130 --> 00:42:04,769

all I got here is living now australia's

982

00:42:09,950 --> 00:42:07,140

favourite holistic magazine which has

983

00:42:12,380 --> 00:42:09,960

amongst other things on page 33 swine

984

00:42:14,359 --> 00:42:12,390

flu are we being set up which is an

985

00:42:19,279 --> 00:42:14,369

anti-vaccination rent so look Rachel

986

00:42:25,990 --> 00:42:19,289

I'll call the roll it up not only on

987

00:42:34,069 --> 00:42:26,000

their head ready oh that wasn't much of

988

00:42:37,299 --> 00:42:34,079

a no no no much impact like a bear okay

989

00:42:39,710 --> 00:42:37,309

that's good an impact factor it up for

990

00:42:41,059 --> 00:42:39,720

not so yeah give it to me I'd quite

991

00:42:44,660 --> 00:42:41,069

happily going on with you people about

992

00:42:46,819 --> 00:42:44,670

this then no vowel better Nova sterling

993

00:42:49,039 --> 00:42:46,829

that's an impactor for and no this is

994

00:42:51,380 --> 00:42:49,049

Nova Australia's holistic journal all

995

00:42:53,329 --> 00:42:51,390

right this is the holistic magazine

996

00:43:00,049 --> 00:42:53,339

going on me on the head Cheyenne's gonna

997

00:43:02,779 --> 00:43:00,059

know me ready ready yep oh sorry reach

998

00:43:07,359 --> 00:43:02,789

okay that's right i think we possibly

999

00:43:12,620 --> 00:43:10,460

okay so that's a reasonably low impact

1000

00:43:16,249 --> 00:43:12,630

factor in the scheme of things ah just

1001  
00:43:19,280 --> 00:43:16,259  
kidding me 10 yes for example the lancer

1002  
00:43:22,010 --> 00:43:19,290  
has an impact factor around 40

1003  
00:43:23,630 --> 00:43:22,020  
and neurotoxicology which is where

1004  
00:43:25,940 --> 00:43:23,640  
Andrew Wakefield's recently published a

1005  
00:43:27,770 --> 00:43:25,950  
new article is too alright well that's a

1006  
00:43:31,880 --> 00:43:27,780  
you fallen right near the bottom of the

1007  
00:43:33,290 --> 00:43:31,890  
bell curve there okay yes but I mean one

1008  
00:43:35,630 --> 00:43:33,300  
of one of the factors that could be

1009  
00:43:38,630 --> 00:43:35,640  
contributing to this is to kill an older

1010  
00:43:41,080 --> 00:43:38,640  
than that yeah that's true yeah and also

1011  
00:43:43,280 --> 00:43:41,090  
we need to do it at least three times

1012  
00:43:47,090 --> 00:43:43,290  
yeah I think this could be an ignorable

1013  
00:43:51,380 --> 00:43:47,100

the impact various new magazines on my

1014

00:43:54,170 --> 00:43:51,390

noggin great let's submit it for next

1015

00:43:56,600 --> 00:43:54,180

year what else have you got it oh I love

1016

00:44:00,050 --> 00:43:56,610

this one um the prize for physics went

1017

00:44:02,510 --> 00:44:00,060

to Kathryn wit command Daniel Lieberman

1018

00:44:04,910 --> 00:44:02,520

and laser Shapiro from the universities

1019

00:44:07,070 --> 00:44:04,920

of Cincinnati in texas for analytically

1020

00:44:11,120 --> 00:44:07,080

determining why pregnant women don't tip

1021

00:44:14,450 --> 00:44:11,130

over oh my god i'm just wondering

1022

00:44:16,820 --> 00:44:14,460

whether this paper actually involved you

1023

00:44:19,730 --> 00:44:16,830

know tipping pregnant women some of them

1024

00:44:21,200 --> 00:44:19,740

like i was a cow tipping or don't like

1025

00:44:23,000 --> 00:44:21,210

when they're asleep standing up yeah

1026

00:44:28,670 --> 00:44:23,010

little cut to buy a cheap them with no

1027

00:44:32,720 --> 00:44:28,680

doubt I don't know and just the last one

1028

00:44:34,940 --> 00:44:32,730

I'll mention to you it I can come in

1029

00:44:37,130 --> 00:44:34,950

light of the the global financial crisis

1030

00:44:39,410 --> 00:44:37,140

was the economics prize and many of us

1031

00:44:41,750 --> 00:44:39,420

would remember that either banks in

1032

00:44:44,540 --> 00:44:41,760

Iceland to her either harden off during

1033

00:44:48,410 --> 00:44:44,550

global financial crisis so do we are I

1034

00:44:50,990 --> 00:44:48,420

say yeah the in reville price it's the

1035

00:44:52,730 --> 00:44:51,000

bank that when I am i safe oh so the

1036

00:44:54,770 --> 00:44:52,740

Nobel Prize for economics went to the

1037

00:44:57,320 --> 00:44:54,780

directors executives and auditors of

1038

00:44:59,000 --> 00:44:57,330

auditors of for Icelandic banks for

1039

00:45:01,100 --> 00:44:59,010

demonstrating that tiny banks can be

1040

00:45:03,380 --> 00:45:01,110

rapidly transformed into huge banks and

1041

00:45:05,090 --> 00:45:03,390

vice versa and for demonstrating that

1042

00:45:08,960 --> 00:45:05,100

similar things can be done to an entire

1043

00:45:11,000 --> 00:45:08,970

national economy so some lovely prizes

1044

00:45:13,010 --> 00:45:11,010

to see you can give Nobel also need you

1045

00:45:15,590 --> 00:45:13,020

mentioned that the 1i particular my

1046

00:45:19,220 --> 00:45:15,600

fancy Joe is one about the cow cows yeah

1047

00:45:21,410 --> 00:45:19,230

the prize for veterinary medicine from

1048

00:45:23,360 --> 00:45:21,420

Newcastle University for showing that

1049

00:45:23,970 --> 00:45:23,370

cows you have names give more milk than

1050

00:45:26,849 --> 00:45:23,980

cows

1051  
00:45:30,240 --> 00:45:26,859  
are nameless Wow what but interestingly

1052  
00:45:32,540 --> 00:45:30,250  
you know that's the the lehman's title

1053  
00:45:35,130 --> 00:45:32,550  
the actual name of the researchers

1054  
00:45:37,200 --> 00:45:35,140  
exploring stock managers perceptions of

1055  
00:45:39,180 --> 00:45:37,210  
the human animal relationship on dairy

1056  
00:45:45,359 --> 00:45:39,190  
farms and an association with milk

1057  
00:45:48,780 --> 00:45:45,369  
production standing so Daisy give us

1058  
00:45:53,930 --> 00:45:48,790  
more milk than the brown cow mmm-hmm or

1059  
00:45:57,599 --> 00:45:53,940  
Daisy gives more milk than 4121 stroke

1060  
00:46:04,170 --> 00:45:57,609  
hmm thank you to the ignoble this year

1061  
00:46:06,090 --> 00:46:04,180  
thank you Joe oh oh you're going sorry

1062  
00:46:13,040 --> 00:46:06,100  
no I'm sorry I was just thinking about

1063  
00:46:15,800 --> 00:46:13,050

daisy the cow in fact I want to nominate

1064

00:46:20,820 --> 00:46:15,810

she does she's thing about the stakes

1065

00:46:24,420 --> 00:46:20,830

ice cream and the yogurt I'm an iced

1066

00:46:26,849 --> 00:46:24,430

milk I've blogged about this yesterday

1067

00:46:29,370 --> 00:46:26,859

in fact I'm the skeptics book of food

1068

00:46:31,770 --> 00:46:29,380

basket which is Rebecca Watson's

1069

00:46:33,210 --> 00:46:31,780

favorite name for a blog because she

1070

00:46:36,300 --> 00:46:33,220

particularly liked it when I was

1071

00:46:38,580 --> 00:46:36,310

presenting at Nexus John Rennie who is

1072

00:46:41,700 --> 00:46:38,590

the editor-in-chief of Scientific

1073

00:46:43,800 --> 00:46:41,710

American was moderating my panel and he

1074

00:46:45,990 --> 00:46:43,810

had to introduce me so he had to read

1075

00:46:47,640 --> 00:46:46,000

out in front of the 400 see the venue

1076

00:46:54,510 --> 00:46:47,650

that I write for the skeptics book with

1077

00:46:56,340 --> 00:46:54,520

cuckoo ok Rebecca a chuckle anyway many

1078

00:46:59,220 --> 00:46:56,350

of us would have heard about the tragic

1079

00:47:01,950 --> 00:46:59,230

death of 14 year old Natalie Morton last

1080

00:47:04,380 --> 00:47:01,960

week who died and just hours after

1081

00:47:07,380 --> 00:47:04,390

receiving the HPV and cervical cancer

1082

00:47:09,120 --> 00:47:07,390

vaccine in the UK and of course the

1083

00:47:13,620 --> 00:47:09,130

anti-vaxxers have got hysterical as they

1084

00:47:15,930 --> 00:47:13,630

want to want to do now the autopsy which

1085

00:47:17,609 --> 00:47:15,940

was released a few days ago showed that

1086

00:47:19,740 --> 00:47:17,619

she actually had a malignant tumor in

1087

00:47:22,830 --> 00:47:19,750

her chest and this was deemed the cause

1088

00:47:24,540 --> 00:47:22,840

of her death but of course correlation

1089

00:47:26,580 --> 00:47:24,550

equals causation in the world of anti

1090

00:47:30,150 --> 00:47:26,590

back so they're saying that it can't be

1091

00:47:31,710 --> 00:47:30,160

so of course this is all over the web

1092

00:47:34,109 --> 00:47:31,720

all over the internet but there was one

1093

00:47:36,870 --> 00:47:34,119

particular article that I decided I will

1094

00:47:40,380 --> 00:47:36,880

done sort of dissect and that was from a

1095

00:47:42,630 --> 00:47:40,390

website called naturalnews com now these

1096

00:47:46,710 --> 00:47:42,640

guys had an opinion piece which shown

1097

00:47:49,109 --> 00:47:46,720

where they basically said that um the

1098

00:47:52,250 --> 00:47:49,119

mainstream media is obviously reporting

1099

00:47:54,390 --> 00:47:52,260

a fabricated explanation for her death

1100

00:47:56,040 --> 00:47:54,400

and they're saying that a pathologist

1101  
00:47:58,770 --> 00:47:56,050  
just declaring that Natalie died from a

1102  
00:48:00,599 --> 00:47:58,780  
malignant chester tumor that just

1103  
00:48:05,450 --> 00:48:00,609  
coincidentally and suddenly kill her

1104  
00:48:08,190 --> 00:48:05,460  
within hours so they're saying that

1105  
00:48:10,260 --> 00:48:08,200  
blaming it on cancer is very easy to do

1106  
00:48:12,710 --> 00:48:10,270  
since every person living today has

1107  
00:48:15,540 --> 00:48:12,720  
cancerous tumors in their body right now

1108  
00:48:17,609 --> 00:48:15,550  
all the pathologist has to do was locate

1109  
00:48:21,480 --> 00:48:17,619  
such a tumor then dismiss the vaccine

1110  
00:48:23,099 --> 00:48:21,490  
altogether you're kidding no they're

1111  
00:48:24,690 --> 00:48:23,109  
also saying here but why would a

1112  
00:48:27,359 --> 00:48:24,700  
pathologist cover up the true cause of

1113  
00:48:29,010 --> 00:48:27,369

Natalie nationally Morton's death so

1114

00:48:32,280 --> 00:48:29,020

they're inferring that the largest is in

1115

00:48:33,900 --> 00:48:32,290

fact light line no gently and then this

1116

00:48:36,840 --> 00:48:33,910

is what they said about the executives

1117

00:48:40,290 --> 00:48:36,850

of glaxosmithkline who are the people

1118

00:48:42,450 --> 00:48:40,300

that manufacture the vaccine this person

1119

00:48:44,580 --> 00:48:42,460

said it takes a real cold-hearted CEO to

1120

00:48:46,920 --> 00:48:44,590

watch your product potentially kill a

1121

00:48:48,390 --> 00:48:46,930

fourteen-year-old girl in mere hours and

1122

00:48:52,500 --> 00:48:48,400

then continue to recommend that same

1123

00:48:55,859 --> 00:48:52,510

product to millions more so in an even

1124

00:49:00,060 --> 00:48:55,869

more preposterous link of them of leap

1125

00:49:02,279 --> 00:49:00,070

of logic logic and apparently a great

1126

00:49:05,339 --> 00:49:02,289

show smithkline spokesman

1127

00:49:07,469 --> 00:49:05,349

said GSK's deepest sympathies lie with

1128

00:49:10,380 --> 00:49:07,479

the parents at this very sad time and

1129

00:49:12,870 --> 00:49:10,390

this commentator has said that it is

1130

00:49:15,179 --> 00:49:12,880

merely a Freudian sleeping since this

1131

00:49:21,569 --> 00:49:15,189

statement contains the word parents and

1132

00:49:24,089 --> 00:49:21,579

lying there for what here because we can

1133

00:49:26,219 --> 00:49:24,099

only because he used the word lie that

1134

00:49:28,049 --> 00:49:26,229

Apple's lie with the parents this was a

1135

00:49:30,329 --> 00:49:28,059

freudian slip because you used the word

1136

00:49:32,880 --> 00:49:30,339

loss so therefore he's actually lying to

1137

00:49:35,880 --> 00:49:32,890

the parents about the cause of death of

1138

00:49:39,449 --> 00:49:35,890

the of Natalie water I mean the thing is

1139

00:49:42,269 --> 00:49:39,459

natural news are notorious for the most

1140

00:49:44,609 --> 00:49:42,279

egregious post I mean this is the same

1141

00:49:47,219 --> 00:49:44,619

website that posted that absolutely

1142

00:49:49,829 --> 00:49:47,229

disgusting piece about Patrick Swayze

1143

00:49:52,319 --> 00:49:49,839

after he died claiming that if he had

1144

00:49:54,870 --> 00:49:52,329

taken natural remedies then he would

1145

00:49:56,640 --> 00:49:54,880

have been cured of his pancreatic cancer

1146

00:49:58,919 --> 00:49:56,650

every now and then you just think you've

1147

00:50:00,509 --> 00:49:58,929

heard it all right you really do I mean

1148

00:50:04,169 --> 00:50:00,519

I've been at this for a long time but

1149

00:50:06,059 --> 00:50:04,179

that one the Freudian slip I know it's

1150

00:50:07,679 --> 00:50:06,069

amazing isn't it I mean this you're

1151

00:50:10,259 --> 00:50:07,689

right Joe and this is also the website

1152

00:50:15,529 --> 00:50:10,269

that published the press release

1153

00:50:21,949 --> 00:50:15,539

recently which was claiming that a

1154

00:50:24,569 --> 00:50:21,959

lawsuit had been the gun in the USA to

1155

00:50:25,589 --> 00:50:24,579

challenge compulsory vaccination and it

1156

00:50:28,499 --> 00:50:25,599

looked like it was going to be the

1157

00:50:31,799 --> 00:50:28,509

beginning of the rolling back of

1158

00:50:34,289 --> 00:50:31,809

compulsory vaccination in the USA and it

1159

00:50:36,359 --> 00:50:34,299

turned out after that was sent all over

1160

00:50:38,849 --> 00:50:36,369

the internet and the avn sent it out as

1161

00:50:41,099 --> 00:50:38,859

a press release as well that in fact the

1162

00:50:45,390 --> 00:50:41,109

UM there were some errors in that story

1163

00:50:48,059 --> 00:50:45,400

and they did actually submit to write a

1164

00:50:50,130 --> 00:50:48,069

retraction and the interesting thing

1165

00:50:52,620 --> 00:50:50,140

about the retraction was they said for

1166

00:50:54,839 --> 00:50:52,630

the record what was factually incorrect

1167

00:50:57,209 --> 00:50:54,849

about the story is that no such

1168

00:50:58,679 --> 00:50:57,219

injunction has been filed thus the

1169

00:51:02,759 --> 00:50:58,689

entire premise of the story was

1170

00:51:05,640 --> 00:51:02,769

factually incorrect it's not like in

1171

00:51:07,969 --> 00:51:05,650

paragraph three line for we said this is

1172

00:51:10,630 --> 00:51:07,979

mr. joe bloggs instead of Jim Bob hmm

1173

00:51:13,780 --> 00:51:10,640

the whole thing was a hoax

1174

00:51:15,610 --> 00:51:13,790

hmm and they said that it got missed by

1175

00:51:17,980 --> 00:51:15,620

their in-house editor who did not catch

1176

00:51:19,690 --> 00:51:17,990

the significant errors in the article I

1177

00:51:21,130 --> 00:51:19,700

mean they weren't the only ones to be

1178

00:51:23,860 --> 00:51:21,140

duped by the way it would happen to a

1179

00:51:26,140 --> 00:51:23,870

lot of people they were one of the few

1180

00:51:27,580 --> 00:51:26,150

to actually write a retraction and I

1181

00:51:29,380 --> 00:51:27,590

know several people that wrote to the

1182

00:51:30,970 --> 00:51:29,390

avn and politely suggested they might

1183

00:51:32,830 --> 00:51:30,980

like to issue a retraction but that

1184

00:51:35,470 --> 00:51:32,840

never was never forthcoming but in any

1185

00:51:38,200 --> 00:51:35,480

case apart from is being completely

1186

00:51:42,880 --> 00:51:38,210

outrageous it's also potentially

1187

00:51:45,040 --> 00:51:42,890

libelous India because they're basically

1188

00:51:47,830 --> 00:51:45,050

saying that the pathologist is covering

1189

00:51:51,100 --> 00:51:47,840

up the use of Natalie's death they're

1190

00:51:52,990 --> 00:51:51,110

inferring that that GSK knows that it

1191

00:51:55,090 --> 00:51:53,000

was the vaccine and despite that is

1192

00:51:59,920 --> 00:51:55,100

still recommending it to other two other

1193

00:52:03,070 --> 00:51:59,930

young girls so you know I mean if they

1194

00:52:04,660 --> 00:52:03,080

wanted to take this to to a situation

1195

00:52:09,220 --> 00:52:04,670

where they were to see them I'm sure

1196

00:52:10,630 --> 00:52:09,230

that this is defamation it certainly

1197

00:52:12,910 --> 00:52:10,640

seems like it and the thing I find

1198

00:52:15,510 --> 00:52:12,920

alarming as well as they didn't you know

1199

00:52:21,270 --> 00:52:15,520

in the country like

1200

00:52:25,680 --> 00:52:21,280

England where the MMR autism propaganda

1201  
00:52:28,140 --> 00:52:25,690  
hit particularly hard the confusion and

1202  
00:52:30,660 --> 00:52:28,150  
misinformation over vaccination is to

1203  
00:52:32,100 --> 00:52:30,670  
get strong and vaccinations have really

1204  
00:52:36,120 --> 00:52:32,110  
taken a hit and as we know they've been

1205  
00:52:40,650 --> 00:52:36,130  
measles out it's and so on so you know

1206  
00:52:42,300 --> 00:52:40,660  
and the UK tabloids being as using as

1207  
00:52:43,740 --> 00:52:42,310  
much shock value as they can i'm going

1208  
00:52:45,270 --> 00:52:43,750  
to run with this sort of thing and the

1209  
00:52:48,780 --> 00:52:45,280  
first things that come to have but have

1210  
00:52:50,190 --> 00:52:48,790  
any you know in shock value so you know

1211  
00:52:53,280 --> 00:52:50,200  
i mean this kind of thing really has

1212  
00:52:55,650 --> 00:52:53,290  
potential to decrease the uptake of what

1213  
00:52:59,940 --> 00:52:55,660

is a essentially life-saving vaccine

1214

00:53:01,560 --> 00:52:59,950

yeah so I mean this is it's the same as

1215

00:53:03,360 --> 00:53:01,570

all this nonsense that surrounding swine

1216

00:53:05,370 --> 00:53:03,370

flu safety and hasn't been tested and

1217

00:53:07,020 --> 00:53:05,380

all that stuff you know I mean Richard

1218

00:53:08,790 --> 00:53:07,030

and I spent hours on the weekend going

1219

00:53:10,170 --> 00:53:08,800

through an avian press release and

1220

00:53:13,410 --> 00:53:10,180

rebutting everything that they've said

1221

00:53:16,860 --> 00:53:13,420

about the you know the alleged dangers

1222

00:53:20,550 --> 00:53:16,870

of the swine flu very scenic you know

1223

00:53:22,320 --> 00:53:20,560

and one of those things was that in 1976

1224

00:53:23,850 --> 00:53:22,330

when there was a swine phonemic that

1225

00:53:27,680 --> 00:53:23,860

there were those cases of jelly years

1226

00:53:31,500 --> 00:53:27,690

are a syndrome which is a paralysis

1227

00:53:34,110 --> 00:53:31,510

usually reversible and when you look at

1228

00:53:37,200 --> 00:53:34,120

the at the figures it's the risk of

1229

00:53:38,730 --> 00:53:37,210

getting GBS from the vaccine is the same

1230

00:53:41,910 --> 00:53:38,740

as what you would get in the environment

1231

00:53:44,640 --> 00:53:41,920

from another infection and it's about

1232

00:53:46,260 --> 00:53:44,650

one in a million and the chances of

1233

00:53:48,870 --> 00:53:46,270

getting struck by lightning is about one

1234

00:53:51,720 --> 00:53:48,880

in 70,000 so when you think of it like

1235

00:53:57,810 --> 00:53:51,730

that you know there's a really it mean

1236

00:54:01,350 --> 00:53:57,820

so much of what comes down to Diane has

1237

00:54:03,090 --> 00:54:01,360

a habit of walking around it does

1238

00:54:06,180 --> 00:54:03,100

anybody who follows Diane in computer

1239

00:54:07,890 --> 00:54:06,190

vision post pictures of herself getting

1240

00:54:10,010 --> 00:54:07,900

soaked

1241

00:54:13,410 --> 00:54:10,020

is it really one in seventeen because

1242

00:54:15,240 --> 00:54:13,420

I'm pretty sure it is and I'm sure

1243

00:54:17,579 --> 00:54:15,250

listeners will will fight yet it's a

1244

00:54:19,859 --> 00:54:17,589

it's in a lot more common chubby not I'm

1245

00:54:21,690 --> 00:54:19,869

sure why hear about it yeah some people

1246

00:54:23,700 --> 00:54:21,700

get stuck twice or three times something

1247

00:54:26,220 --> 00:54:23,710

ridiculously well that's true yeah yeah

1248

00:54:28,559 --> 00:54:26,230

but I'm you know and one of the things

1249

00:54:31,760 --> 00:54:28,569

that that also the anti-vaxxers have

1250

00:54:34,170 --> 00:54:31,770

been saying about the GBS thing is that

1251

00:54:38,099 --> 00:54:34,180

the reason that it's a real risk is

1252

00:54:40,650 --> 00:54:38,109

because already UK GPS have been warned

1253

00:54:42,390 --> 00:54:40,660

to look out for it well on the contrary

1254

00:54:44,160 --> 00:54:42,400

that's just an extra safety measure

1255

00:54:46,950 --> 00:54:44,170

because we know it's happened in the

1256

00:54:49,410 --> 00:54:46,960

past and we don't really why are gonna

1257

00:54:51,059 --> 00:54:49,420

look for something anything yeah there

1258

00:54:54,480 --> 00:54:51,069

is a potential risk you're going to look

1259

00:54:57,210 --> 00:54:54,490

so instable live in a good sir yeah mine

1260

00:54:59,970 --> 00:54:57,220

you even if it's you know I'm in adverse

1261

00:55:03,450 --> 00:54:59,980

events a report whether that be you know

1262

00:55:05,309 --> 00:55:03,460

fainting or or fits or whatever and

1263

00:55:06,960 --> 00:55:05,319

that's just I mean this is unique to

1264

00:55:10,700 --> 00:55:06,970

this particular vaccine but I mean

1265

00:55:14,460 --> 00:55:10,710

Rachel as a nurse working in a hospital

1266

00:55:17,190 --> 00:55:14,470

everything we do in medicine is designed

1267

00:55:19,230 --> 00:55:17,200

to safeguard we you know every check we

1268

00:55:21,630 --> 00:55:19,240

do every time we do a procedure and we

1269

00:55:23,549 --> 00:55:21,640

go through a list of people's allergies

1270

00:55:25,470 --> 00:55:23,559

and medical history everything we're

1271

00:55:27,480 --> 00:55:25,480

doing is designed to safeguard patients

1272

00:55:30,170 --> 00:55:27,490

to ensure that things don't go wrong I

1273

00:55:33,059 --> 00:55:30,180

mean you know human error can happen

1274

00:55:37,380 --> 00:55:33,069

things can go wrong there are risks

1275

00:55:39,930 --> 00:55:37,390

involved in everything we do but in in

1276

00:55:42,090 --> 00:55:39,940

well evidenced health care

1277

00:55:44,250 --> 00:55:42,100

we're safeguards are in place it's

1278

00:55:49,610 --> 00:55:44,260

designed to protect people sure it's not

1279

00:55:56,280 --> 00:55:52,320

which actually moves me on to another

1280

00:56:00,240 --> 00:55:56,290

interesting topic what a segue we love

1281

00:56:03,060 --> 00:56:00,250

our segways so I took a little road trip

1282

00:56:05,130 --> 00:56:03,070

to Newcastle a couple of weekends ago

1283

00:56:06,960 --> 00:56:05,140

which is just up the road from Sydney

1284

00:56:09,540 --> 00:56:06,970

yeah north of Sydney it's about a hour

1285

00:56:12,330 --> 00:56:09,550

and a half's drive and very pleasant

1286

00:56:14,130 --> 00:56:12,340

drive down our f3 freeway and about

1287

00:56:18,690 --> 00:56:14,140

halfway between cydia newcastle is a

1288

00:56:21,030 --> 00:56:18,700

little pit stop I can't remember exactly

1289

00:56:22,950 --> 00:56:21,040

where it is but it's halfway down the f3

1290

00:56:27,060 --> 00:56:22,960

between to be under Castle mount why do

1291

00:56:29,130 --> 00:56:27,070

I remember but it's basically the only

1292

00:56:32,160 --> 00:56:29,140

may just stopping point between the two

1293

00:56:36,090 --> 00:56:32,170

and on either side of the road there's a

1294

00:56:37,830 --> 00:56:36,100

petrol station McDonald's and now and

1295

00:56:42,330 --> 00:56:37,840

amongst other little sort of eateries

1296

00:56:45,810 --> 00:56:42,340

and now there is a new restaurant called

1297

00:56:47,310 --> 00:56:45,820

Oliver's which advertises itself and

1298

00:56:49,050 --> 00:56:47,320

I've got some pictures here which I'll

1299

00:56:50,970 --> 00:56:49,060

share with you all of us advertise

1300

00:56:54,150 --> 00:56:50,980

itself as an organic gluten-free

1301  
00:56:57,300 --> 00:56:54,160  
vegetarian eatery giving people real

1302  
00:57:00,780 --> 00:56:57,310  
food the thing about Oliver's that has

1303  
00:57:04,560 --> 00:57:00,790  
really gotten under my skin through

1304  
00:57:08,430 --> 00:57:04,570  
clenched teeth is that this is not just

1305  
00:57:10,290 --> 00:57:08,440  
a restaurant that is selling lovely

1306  
00:57:12,180 --> 00:57:10,300  
healthy food back is there food is

1307  
00:57:13,860 --> 00:57:12,190  
lovely healthy fresh food it's an

1308  
00:57:15,570 --> 00:57:13,870  
alternative for people who are stopping

1309  
00:57:18,420 --> 00:57:15,580  
off you don't want to eat a hamburger or

1310  
00:57:21,900 --> 00:57:18,430  
something like that but they have taken

1311  
00:57:25,410 --> 00:57:21,910  
it upon themselves to be a health

1312  
00:57:29,100 --> 00:57:25,420  
educator of sorts mmm they are if you go

1313  
00:57:30,260 --> 00:57:29,110

to their website which find the very

1314

00:57:32,690 --> 00:57:30,270

good at planning website

1315

00:57:35,000 --> 00:57:32,700

anyway if you looking off online you can

1316

00:57:38,150 --> 00:57:35,010

find them but they are promoting the

1317

00:57:40,580 --> 00:57:38,160

whole notion of organic healthy natural

1318

00:57:41,720 --> 00:57:40,590

and so on and in doing this there are a

1319

00:57:43,820 --> 00:57:41,730

couple of things they're doing first of

1320

00:57:46,820 --> 00:57:43,830

all they're selling organic water oh

1321

00:57:49,840 --> 00:57:46,830

good old organic and water as opposed to

1322

00:57:52,610 --> 00:57:49,850

what synthetic as places synthetic water

1323

00:57:55,010 --> 00:57:52,620

600 milliliters of organic water only

1324

00:57:58,280 --> 00:57:55,020

two dollars a tea or two for five

1325

00:57:59,300 --> 00:57:58,290

dollars what a bargain mmm and they're

1326

00:58:01,880 --> 00:57:59,310

actually interesting Lee they're

1327

00:58:03,560 --> 00:58:01,890

affiliated with some fairly important

1328

00:58:06,830 --> 00:58:03,570

organizations such as the University of

1329

00:58:08,210 --> 00:58:06,840

Newcastle and Hart Foundation and a lot

1330

00:58:10,220 --> 00:58:08,220

of organization involved in obesity

1331

00:58:13,910 --> 00:58:10,230

prevention and obesity research and so

1332

00:58:16,010 --> 00:58:13,920

on and they it's a very swish looking

1333

00:58:19,300 --> 00:58:16,020

little organization it's all very bright

1334

00:58:22,280 --> 00:58:19,310

and shiny no longer looking nice logo

1335

00:58:23,600 --> 00:58:22,290

but as you go into the ladies toilets

1336

00:58:24,980 --> 00:58:23,610

the first thing you notice as you walk

1337

00:58:26,840 --> 00:58:24,990

through the door is a big thing on the

1338

00:58:31,430 --> 00:58:26,850

side of the door now some of us go into

1339

00:58:33,260 --> 00:58:31,440

the lady time not man should I know half

1340

00:58:36,500 --> 00:58:33,270

our audience will behind a lazy dick in

1341

00:58:38,870 --> 00:58:36,510

there um they're promoting all sorts of

1342

00:58:43,220 --> 00:58:38,880

reading material from people such as

1343

00:58:45,020 --> 00:58:43,230

Philip day and patrick holford who many

1344

00:58:48,040 --> 00:58:45,030

how long is would have heard of as

1345

00:58:51,110 --> 00:58:48,050

important as welcoming as in leave books

1346

00:58:52,790 --> 00:58:51,120

and for example the book by Philip day

1347

00:58:54,530 --> 00:58:52,800

which they're promoting is called cancer

1348

00:58:58,250 --> 00:58:54,540

why we're still dying to know the truth

1349

00:59:00,290 --> 00:58:58,260

and the promotional pamphlet asks I'll

1350

00:59:03,380 --> 00:59:00,300

chemotherapy radiotherapy and surgery

1351  
00:59:06,110 --> 00:59:03,390  
really the answer to cancer they ask why

1352  
00:59:08,990 --> 00:59:06,120  
does Australia have such low cancer

1353  
00:59:10,160 --> 00:59:09,000  
survival rates I mean it effectively

1354  
00:59:12,190 --> 00:59:10,170  
they're promoting a whole lot of

1355  
00:59:14,859 --> 00:59:12,200  
nonsense and

1356  
00:59:20,650 --> 00:59:14,869  
what natural non-toxic therapies work

1357  
00:59:22,359 --> 00:59:20,660  
and why have these been marginalized now

1358  
00:59:23,859 --> 00:59:22,369  
dr. Ishi I thought you'd quite like this

1359  
00:59:26,710 --> 00:59:23,869  
one they're promoting a product called

1360  
00:59:29,800 --> 00:59:26,720  
Celtic sea salt and some of the claims

1361  
00:59:31,710 --> 00:59:29,810  
they make about this is that pure sodium

1362  
00:59:34,300 --> 00:59:31,720  
chloride is a toxin to the body

1363  
00:59:37,510 --> 00:59:34,310

unrefined sea salt has the opposite

1364

00:59:39,730 --> 00:59:37,520

effect on the body that need to put 84

1365

00:59:42,790 --> 00:59:39,740

elements in salt as a buffer to protect

1366

00:59:45,370 --> 00:59:42,800

us from sodium chloride and that big

1367

00:59:47,859 --> 00:59:45,380

companies extract the precious elements

1368

00:59:50,829 --> 00:59:47,869

and result to sell for profit and the

1369

00:59:52,660 --> 00:59:50,839

sodium chloride is what's left over the

1370

00:59:54,520 --> 00:59:52,670

major reaction that we have to the sea

1371

00:59:56,800 --> 00:59:54,530

salt as opposed to this horrible sodium

1372

01:00:00,190 --> 00:59:56,810

chloride is a renewal of energy so its

1373

01:00:01,930 --> 01:00:00,200

standard natural health Amish rubber

1374

01:00:03,700 --> 01:00:01,940

that was just a bunch of djibouti just

1375

01:00:10,839 --> 01:00:03,710

saw a bunch of gibberish about it thank

1376

01:00:16,690 --> 01:00:10,849

you for only fifteen dollars you can buy

1377

01:00:19,120 --> 01:00:16,700

cancer the latest of Regan no let me

1378

01:00:20,950 --> 01:00:19,130

finish don't point Africa that's your

1379

01:00:24,640 --> 01:00:20,960

fifteen dollars you can buy cancer the

1380

01:00:27,760 --> 01:00:24,650

latest breakthrough CD now you can't

1381

01:00:30,339 --> 01:00:27,770

claim to cure cancer no it's illegal but

1382

01:00:31,780 --> 01:00:30,349

are they claim to cure can we go on to

1383

01:00:33,490 --> 01:00:31,790

their website you'll see that they're

1384

01:00:34,780 --> 01:00:33,500

heavily promoting a DVD called food

1385

01:00:37,420 --> 01:00:34,790

matters which I think I might have

1386

01:00:39,880 --> 01:00:37,430

mentioned on the podcast before and food

1387

01:00:41,650 --> 01:00:39,890

matters is a very very slick little

1388

01:00:45,190 --> 01:00:41,660

production from table like patrick

1389

01:00:47,140 --> 01:00:45,200

holford and many of that ilk and it's

1390

01:00:49,300 --> 01:00:47,150

making usual claims about how everything

1391

01:00:52,210 --> 01:00:49,310

in our life everything in our bodies is

1392

01:00:54,819 --> 01:00:52,220

basically preventable with you know this

1393

01:00:57,099 --> 01:00:54,829

perfect perfectly attrition is of course

1394

01:00:58,599 --> 01:00:57,109

it always gets back to you can cure or

1395

01:01:00,910 --> 01:00:58,609

you can prevent all diseases if you eat

1396

01:01:02,530 --> 01:01:00,920

right here I did happy natural hands

1397

01:01:03,780 --> 01:01:02,540

order the hell it is but put hang on a

1398

01:01:06,849 --> 01:01:03,790

second Jerry you just told me that

1399

01:01:08,950 --> 01:01:06,859

sodium chloride is evil right exactly

1400

01:01:11,079 --> 01:01:08,960

but on this particular poster you've put

1401  
01:01:13,630 --> 01:01:11,089  
in front of me they're saying line water

1402  
01:01:17,079 --> 01:01:13,640  
and salts are natural medicines

1403  
01:01:20,079 --> 01:01:17,089  
and for many prevalent and very serious

1404  
01:01:23,759 --> 01:01:20,089  
medical conditions so they apparently

1405  
01:01:27,309 --> 01:01:23,769  
cure yeah so according to their one book

1406  
01:01:31,210 --> 01:01:27,319  
sodium chloride is a toxin truth human

1407  
01:01:33,609 --> 01:01:31,220  
body but in the other book the salt is

1408  
01:01:35,829 --> 01:01:33,619  
natural medicine and that apparently the

1409  
01:01:39,250 --> 01:01:35,839  
public will be seriously misled it's

1410  
01:01:40,720 --> 01:01:39,260  
good on chips so no that's right it says

1411  
01:01:43,150 --> 01:01:40,730  
the public has been seriously misled

1412  
01:01:46,690 --> 01:01:43,160  
over the necessity for the water and

1413  
01:01:48,640 --> 01:01:46,700

salt in the diet but then up here on the

1414

01:01:50,410 --> 01:01:48,650

same page they've said that they are

1415

01:01:52,390 --> 01:01:50,420

natural medicines I hear they're saying

1416

01:01:54,789 --> 01:01:52,400

but on our other little thing they're

1417

01:01:58,660 --> 01:01:54,799

saying that it's a yeah I'll sit there

1418

01:02:00,849 --> 01:01:58,670

are contradicting themselves the good

1419

01:02:02,740 --> 01:02:00,859

thing about this that it it that worries

1420

01:02:04,750 --> 01:02:02,750

me is that you know it is going to

1421

01:02:06,819 --> 01:02:04,760

attract people anyone any family driving

1422

01:02:12,059 --> 01:02:06,829

through there is going to want to stop

1423

01:02:15,009 --> 01:02:12,069

at the whole one the whole you know

1424

01:02:17,259 --> 01:02:15,019

colorfulness and it's pretty girl place

1425

01:02:19,359 --> 01:02:17,269

is pretty bad healing and and it's

1426

01:02:22,359 --> 01:02:19,369

really you should seek red bag on doing

1427

01:02:24,130 --> 01:02:22,369

no yes no no we should seek the H Triple

1428

01:02:25,990 --> 01:02:24,140

C on to them actually because a lot of

1429

01:02:27,519 --> 01:02:26,000

this stuff is illegal well we're

1430

01:02:29,259 --> 01:02:27,529

wrapping up pretty soon now but I think

1431

01:02:31,089 --> 01:02:29,269

Julie you've got something else your

1432

01:02:33,759 --> 01:02:31,099

last thing I'm waving a paper to stop

1433

01:02:36,519 --> 01:02:33,769

today hmm so some of you might have

1434

01:02:38,170 --> 01:02:36,529

heard in the news today that there's

1435

01:02:40,499 --> 01:02:38,180

been another development in

1436

01:02:43,960 --> 01:02:40,509

investigations of the Shroud of Turin

1437

01:02:45,759 --> 01:02:43,970

sure I haven't read it myself but a the

1438

01:02:49,749 --> 01:02:45,769

very well-known investigative the

1439

01:02:52,490 --> 01:02:49,759

paranormal Jerry Nicole is very very

1440

01:02:54,200 --> 01:02:52,500

knowledgeable on the strata cheering

1441

01:02:57,650 --> 01:02:54,210

his book inquest on the shroud of turin

1442

01:02:59,990 --> 01:02:57,660

was published back in 1987 and yet still

1443

01:03:01,940 --> 01:03:00,000

despite many of the scientific studies

1444

01:03:03,860 --> 01:03:01,950

of the shroud there are still people

1445

01:03:08,330 --> 01:03:03,870

today who of course believe shraddha

1446

01:03:10,640 --> 01:03:08,340

cheerin is is real but ever what was

1447

01:03:13,040 --> 01:03:10,650

done and interestingly the research

1448

01:03:15,080 --> 01:03:13,050

group who funded this were an italian

1449

01:03:18,730 --> 01:03:15,090

organization of atheists agnostics and

1450

01:03:23,870 --> 01:03:18,740

as they called it a debunking group and

1451  
01:03:26,680 --> 01:03:23,880  
they were able to use certain techniques

1452  
01:03:29,060 --> 01:03:26,690  
to prove that the shroud could have been

1453  
01:03:31,520 --> 01:03:29,070  
manufactured or made using the

1454  
01:03:33,320 --> 01:03:31,530  
techniques available in the 13th or 14th

1455  
01:03:35,990 --> 01:03:33,330  
minute words which is when it was carbon

1456  
01:03:38,900 --> 01:03:36,000  
dated to yeah um and they've been able

1457  
01:03:41,420 --> 01:03:38,910  
to reproduce the equivalent to the

1458  
01:03:44,660 --> 01:03:41,430  
shroud I'm showing further that it was a

1459  
01:03:47,120 --> 01:03:44,670  
man-made fake so a nice little nice

1460  
01:03:50,840 --> 01:03:47,130  
little piece of research from this group

1461  
01:03:53,480 --> 01:03:50,850  
and as I said despite the fact that um

1462  
01:03:55,400 --> 01:03:53,490  
it's long been known that it was a fake

1463  
01:03:56,960 --> 01:03:55,410

here's another it's actually interesting

1464

01:04:00,410 --> 01:03:56,970

that their catholic church hasn't

1465

01:04:01,880 --> 01:04:00,420

actually said it's the authentic chad

1466

01:04:05,270 --> 01:04:01,890

they haven't actually authenticated they

1467

01:04:07,400 --> 01:04:05,280

say it's a religious you know it

1468

01:04:09,290 --> 01:04:07,410

establishes faith and what happen aside

1469

01:04:10,910 --> 01:04:09,300

it is an interesting yeah that's true

1470

01:04:12,620 --> 01:04:10,920

diner i read that as well they're saying

1471

01:04:14,180 --> 01:04:12,630

that the church makes no claims about

1472

01:04:16,460 --> 01:04:14,190

its authenticity but that it's a

1473

01:04:20,900 --> 01:04:16,470

powerful symbol across that's right so

1474

01:04:23,720 --> 01:04:20,910

do that that's very true well another

1475

01:04:28,470 --> 01:04:23,730

interesting note and we made it through

1476

01:04:35,370 --> 01:04:31,460

can you believe it I feel unfulfilled

1477

01:04:38,220 --> 01:04:35,380

what our listeners can you maybe what I

1478

01:04:39,840 --> 01:04:38,230

did what I wanted oh no I maybe one of

1479

01:04:41,690 --> 01:04:39,850

us can recorder personnel I tell right

1480

01:04:43,950 --> 01:04:41,700

now i'll leave our listeners just just

1481

01:04:45,690 --> 01:04:43,960

waiting time till the next thing tank

1482

01:04:47,760 --> 01:04:45,700

when probably they will hear bus

1483

01:04:50,820 --> 01:04:47,770

announcement yeah all right cheering

1484

01:04:53,490 --> 01:04:50,830

next time is it possible Smith's do you

1485

01:04:55,880 --> 01:04:53,500

love us for a personality so thank you

1486

01:04:58,230 --> 01:04:55,890

diane for coming alone lovely to see you

1487

01:05:00,960 --> 01:04:58,240

Joe thank you so much for your lovely

1488

01:05:02,460 --> 01:05:00,970

every person and dr. rachy again make

1489

01:05:10,680 --> 01:05:02,470

you feel work and you would operate you

1490

01:05:10,690 --> 01:05:28,200

gross

1491

01:05:32,680 --> 01:05:30,370

thank you very much for listening to

1492

01:05:35,230 --> 01:05:32,690

this week's episode of the skeptics and

1493

01:05:36,940 --> 01:05:35,240

I sure hope you enjoyed it now please if

1494

01:05:38,800 --> 01:05:36,950

you do enjoy listening to the skeptic

1495

01:05:42,460 --> 01:05:38,810

zone and thousands of you do judging by

1496

01:05:44,500 --> 01:05:42,470

the figures please let people know word

1497

01:05:46,270 --> 01:05:44,510

of mouth does more for us than just

1498

01:05:47,980 --> 01:05:46,280

about anything else please let your

1499

01:05:50,320 --> 01:05:47,990

friends and family know that you listen

1500

01:05:53,170 --> 01:05:50,330

to the skeptic zone and they might enjoy

1501

01:05:56,140 --> 01:05:53,180

it to blog about it sing about it write

1502

01:05:57,490 --> 01:05:56,150

about it don't graffiti about it but

1503

01:06:00,220 --> 01:05:57,500

anything like that we'd really

1504

01:06:02,290 --> 01:06:00,230

appreciate it anyway until next week

1505

01:06:07,630 --> 01:06:02,300

this is Richard Saunders signing off

1506

01:06:09,940 --> 01:06:07,640

from Sydney Australia you've been

1507

01:06:14,470 --> 01:06:09,950

listening to the skeptic zone visit our

1508

01:06:16,960 --> 01:06:14,480

website at wwc a petting zoo TV the

1509

01:06:19,310 --> 01:06:16,970

comments contacts and extra video

1510

01:06:24,310 --> 01:06:19,320

reports