

**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  
00:00:27,400 --> 00:00:23,740  
hello and welcome to the skeptic zone

2  
00:00:31,540 --> 00:00:27,410  
episode number 58 for the 27th of

3  
00:00:34,119 --> 00:00:31,550  
November 2009 Richard Saunders here once

4  
00:00:35,799 --> 00:00:34,129  
again from Sydney Australia now to all

5  
00:00:38,200 --> 00:00:35,809  
those people wondering where Stefan's

6  
00:00:40,660 --> 00:00:38,210  
been lately Stefan's not been very well

7  
00:00:42,490 --> 00:00:40,670  
he tells me he's getting much better and

8  
00:00:45,399 --> 00:00:42,500  
I think he should be on the show next

9  
00:00:47,740 --> 00:00:45,409  
week get better soon Stefan after

10  
00:00:50,229 --> 00:00:47,750  
skeptic zone team this week are jumping

11  
00:00:52,240 --> 00:00:50,239  
on planes and heading up to Brisbane for

12  
00:00:54,700 --> 00:00:52,250  
the Australian skeptics National

13  
00:00:56,349 --> 00:00:54,710

Convention so look out in the coming

14

00:00:58,689 --> 00:00:56,359

weeks there'll be lots of reports and

15

00:01:00,160 --> 00:00:58,699

interviews from this convention and if

16

00:01:04,060 --> 00:01:00,170

you're in Brisbane this weekend the

17

00:01:07,510 --> 00:01:04,070

weekend of the 28 and 29th come and say

18

00:01:09,880 --> 00:01:07,520

hello now to this week's episode dr.

19

00:01:12,340 --> 00:01:09,890

rachy and myself go off to the offices

20

00:01:14,770 --> 00:01:12,350

of choice magazine the consumer affairs

21

00:01:17,260 --> 00:01:14,780

magazine here in Australia and speak to

22

00:01:19,749 --> 00:01:17,270

christopher's in a fascinating interview

23

00:01:21,490 --> 00:01:19,759

we're big fans of choice say they're the

24

00:01:24,399 --> 00:01:21,500

sort of people who test things and look

25

00:01:26,710 --> 00:01:24,409

at things much like the skeptics that's

26  
00:01:29,440 --> 00:01:26,720  
followed by a short interview with James

27  
00:01:31,899 --> 00:01:29,450  
Randi conducted over ten years ago by

28  
00:01:33,640 --> 00:01:31,909  
our good friend Paul Willis now I've

29  
00:01:36,090 --> 00:01:33,650  
chosen this interviewer although it's a

30  
00:01:39,429 --> 00:01:36,100  
bit old because Randy discusses

31  
00:01:41,859 --> 00:01:39,439  
facilitated communication and this has

32  
00:01:44,980 --> 00:01:41,869  
been in the news lately and after that

33  
00:01:49,539 --> 00:01:44,990  
we have the think tank so sit back have

34  
00:02:06,230 --> 00:01:49,549  
a nice hmm chocolate sundae and enjoy

35  
00:02:13,740 --> 00:02:09,869  
the consumers champion independent and

36  
00:02:16,949 --> 00:02:13,750  
transparent choice ensures the consumer

37  
00:02:18,900 --> 00:02:16,959  
voice is heard loudly and clearly choice

38  
00:02:20,460 --> 00:02:18,910

empowers customers to get the most out

39

00:02:23,600 --> 00:02:20,470  
of their purchasing decisions by

40

00:02:25,920 --> 00:02:23,610  
providing a mix of advocacy and advice

41

00:02:28,110 --> 00:02:25,930  
dr. ray Jay and I headed down to

42

00:02:31,170 --> 00:02:28,120  
marrickville here in Sydney and we spoke

43

00:02:37,350 --> 00:02:31,180  
to christopher's in media spokesman for

44

00:02:39,180 --> 00:02:37,360  
choice choice magazine and we're

45

00:02:40,800 --> 00:02:39,190  
speaking with Christophersen now the

46

00:02:43,020 --> 00:02:40,810  
media spokesman for choice magazine

47

00:02:44,850 --> 00:02:43,030  
Christopher how long first of all how

48

00:02:46,680 --> 00:02:44,860  
long has choice magazine been going on

49

00:02:50,039 --> 00:02:46,690  
it's 50 years we're just coming up to

50

00:02:52,890 --> 00:02:50,049  
the celebration so really it was born as

51  
00:02:55,229 --> 00:02:52,900  
were consumer groups in the UK in the

52  
00:02:57,780 --> 00:02:55,239  
u.s. about the same time late 50s early

53  
00:02:59,220 --> 00:02:57,790  
60s when a lot more consumer products

54  
00:03:01,800 --> 00:02:59,230  
were coming on the market people had to

55  
00:03:03,839 --> 00:03:01,810  
side so what's a toaster or kitchen

56  
00:03:05,580 --> 00:03:03,849  
mixer should i get there were big issues

57  
00:03:08,099 --> 00:03:05,590  
then with product safety people actually

58  
00:03:10,020 --> 00:03:08,109  
being burned cut and killed in things so

59  
00:03:12,330 --> 00:03:10,030  
it was that kind of drive that got going

60  
00:03:14,490 --> 00:03:12,340  
and it's after 50 years of checking out

61  
00:03:17,910 --> 00:03:14,500  
this gear now I think we're all looking

62  
00:03:19,890 --> 00:03:17,920  
ahead how do we in this uncertain future

63  
00:03:21,599 --> 00:03:19,900

in terms of the environmentally economy

64

00:03:24,120 --> 00:03:21,609

what's the role for consumer groups and

65

00:03:26,640 --> 00:03:24,130

does that mean that there has been a

66

00:03:28,979 --> 00:03:26,650

journal for that long or just a group no

67

00:03:31,140 --> 00:03:28,989

no the magazine its magazine itself yeah

68

00:03:33,089 --> 00:03:31,150

so has been monthly and it's we're not

69

00:03:35,610 --> 00:03:33,099

for profit so it's really people who

70

00:03:38,819 --> 00:03:35,620

subscribed signed up on the dotted line

71

00:03:40,440 --> 00:03:38,829

joined up that that that funds all of

72

00:03:42,270 --> 00:03:40,450

the research that we do so we don't get

73

00:03:44,159 --> 00:03:42,280

a Zach from the government or from

74

00:03:46,050 --> 00:03:44,169

advertisers it really is just from

75

00:03:47,879 --> 00:03:46,060

people who want to be a part of it

76

00:03:49,830 --> 00:03:47,889

because they get a benefit in terms of

77

00:03:52,920 --> 00:03:49,840

knowing what's good and what's not good

78

00:03:55,490 --> 00:03:52,930

but also keen to fund our advocacy and

79

00:03:58,259 --> 00:03:55,500

campaigns areas in terms of pushing for

80

00:04:00,509 --> 00:03:58,269

justice and transparency in various

81

00:04:02,849 --> 00:04:00,519

different arenas and you do have

82

00:04:04,349 --> 00:04:02,859

archives going back that far the first

83

00:04:05,699 --> 00:04:04,359

issue is still available yeah oh look we

84

00:04:09,270 --> 00:04:05,709

still have the first issue and I think

85

00:04:10,170 --> 00:04:09,280

they were testing tobacco and 22 bullets

86

00:04:12,539 --> 00:04:10,180

in those days

87

00:04:14,160 --> 00:04:12,549

it's amazing when you look back at what

88

00:04:18,029 --> 00:04:14,170

will consider consumer items you can't

89

00:04:19,770 --> 00:04:18,039

actually hardly by now but yes it's I

90

00:04:20,689 --> 00:04:19,780

think was low tar tobacco so they're

91

00:04:22,860 --> 00:04:20,699

trying to see if there's been any

92

00:04:24,480 --> 00:04:22,870

appreciable difference between the two

93

00:04:28,320 --> 00:04:24,490

sorts I don't think we've ever endorsed

94

00:04:30,480 --> 00:04:28,330

a cigarette smoking right right so

95

00:04:32,040 --> 00:04:30,490

Christopher you are the face the public

96

00:04:34,680 --> 00:04:32,050

face I guess of the Australian Consumer

97

00:04:37,620 --> 00:04:34,690

Commission and at the moment you've got

98

00:04:39,270 --> 00:04:37,630

over 200,000 subscribers how has that

99

00:04:40,920 --> 00:04:39,280

changed over that time have you found

100

00:04:42,719 --> 00:04:40,930

there's been periods where more people

101  
00:04:46,830 --> 00:04:42,729  
have subscribed because of some

102  
00:04:48,420 --> 00:04:46,840  
particular sort of consumer trend year

103  
00:04:51,439 --> 00:04:48,430  
linking yeah it grow and it's the

104  
00:04:55,290 --> 00:04:51,449  
Australian Consumer Association it grew

105  
00:04:56,510 --> 00:04:55,300  
up until about the 70s to about 200,000

106  
00:04:58,890 --> 00:04:56,520  
and then it sort of gone up and down

107  
00:05:00,150 --> 00:04:58,900  
there but often it can actually be we

108  
00:05:02,040 --> 00:05:00,160  
found you know the global financial

109  
00:05:03,839 --> 00:05:02,050  
crisis actually there's a bit of a

110  
00:05:06,839 --> 00:05:03,849  
flight to value people that she wanted

111  
00:05:08,610 --> 00:05:06,849  
to get more value for their spending so

112  
00:05:11,790 --> 00:05:08,620  
they were prepared to say look I can

113  
00:05:13,230 --> 00:05:11,800

join up 80 bucks a year but it will

114

00:05:15,089 --> 00:05:13,240

actually help save me money and I think

115

00:05:17,310 --> 00:05:15,099

that's always been one of our I say

116

00:05:18,960 --> 00:05:17,320

selling points we're not for profit but

117

00:05:21,140 --> 00:05:18,970

if you actually engage with that and

118

00:05:24,300 --> 00:05:21,150

found out about private health and

119

00:05:25,560 --> 00:05:24,310

insurance and and super and all these

120

00:05:27,120 --> 00:05:25,570

other things you would actually save

121

00:05:30,360 --> 00:05:27,130

yourself money because you'd find out

122

00:05:33,180 --> 00:05:30,370

there are more efficient ways to face

123

00:05:35,010 --> 00:05:33,190

these very complicated products and

124

00:05:36,360 --> 00:05:35,020

services we now have to engage with well

125

00:05:38,219 --> 00:05:36,370

can we talk about some of the products

126

00:05:39,870 --> 00:05:38,229

and services that you do test you

127

00:05:42,270 --> 00:05:39,880

mentioned just then health care which

128

00:05:44,279 --> 00:05:42,280

private health insurance anyone all over

129

00:05:46,080 --> 00:05:44,289

the world would know that the plans are

130

00:05:47,339 --> 00:05:46,090

always very complicated but one of the

131

00:05:50,310 --> 00:05:47,349

other things you also test which is

132

00:05:51,540 --> 00:05:50,320

complicated is mobile phone plans can

133

00:05:53,279 --> 00:05:51,550

you tell us about some of the other

134

00:05:55,290 --> 00:05:53,289

products that you do test I just have to

135

00:05:56,969 --> 00:05:55,300

say about mobile phone plans that's what

136

00:06:00,540 --> 00:05:56,979

they're known as what's called a confuse

137

00:06:02,370 --> 00:06:00,550

opoly and they're so confusing and

138

00:06:03,960 --> 00:06:02,380

deliberately confusing that nobody can

139

00:06:05,670 --> 00:06:03,970

compare like with like and you know

140

00:06:08,219 --> 00:06:05,680

we've got fantastic boffins here with

141

00:06:11,100 --> 00:06:08,229

clipboards and spray cheese they used it

142

00:06:12,689 --> 00:06:11,110

comparing you know Mongolian yak butter

143

00:06:14,580 --> 00:06:12,699

with something from Mexico but they

144

00:06:16,950 --> 00:06:14,590

can't compare mobile phone plans because

145

00:06:18,659 --> 00:06:16,960

there's too many variables and the

146

00:06:20,940 --> 00:06:18,669

computing power of the universe isn't up

147

00:06:22,610 --> 00:06:20,950

to it you know that's something we're

148

00:06:24,379 --> 00:06:22,620

always simplicity and I'm sure

149

00:06:26,300 --> 00:06:24,389

no that's a value that scientists

150

00:06:28,340 --> 00:06:26,310

generally embrace and that's one we're

151

00:06:30,950 --> 00:06:28,350

really pushing for simplicity and

152

00:06:32,719 --> 00:06:30,960

products in in approach and description

153

00:06:34,939 --> 00:06:32,729

if we get simplicity in terms of the way

154

00:06:37,250 --> 00:06:34,949

that these things are sold a lot of the

155

00:06:39,680 --> 00:06:37,260

bull falls off them because you know

156

00:06:43,040 --> 00:06:39,690

it's when you get complexity that's when

157

00:06:44,900 --> 00:06:43,050

the the trickiness and the deceptiveness

158

00:06:48,200 --> 00:06:44,910

and a sleight-of-hand you know can slip

159

00:06:50,629 --> 00:06:48,210

in there unseen we we know exactly what

160

00:06:53,510 --> 00:06:50,639

you mean because and we might discuss

161

00:06:55,159 --> 00:06:53,520

this just briefly we regularly go as our

162

00:06:57,020 --> 00:06:55,169

listeners know we'll know we regularly

163

00:06:59,360 --> 00:06:57,030

go to the mind-body-spirit festivals and

164

00:07:01,400 --> 00:06:59,370

Sydney of mind-body wallet as we call

165

00:07:04,129 --> 00:07:01,410

them and this very point about keeping

166

00:07:09,490 --> 00:07:04,139

it simple we challenge some people there

167

00:07:11,689 --> 00:07:09,500

to try for our \$100,000 prize we have

168

00:07:14,270 --> 00:07:11,699

proof of the paranormal or supernatural

169

00:07:16,100 --> 00:07:14,280

strange things and their complaint to us

170

00:07:18,439 --> 00:07:16,110

was we can't take your test because it's

171

00:07:20,750 --> 00:07:18,449

too simple they wanted to make it as

172

00:07:22,400 --> 00:07:20,760

complicated as they possibly could but

173

00:07:24,800 --> 00:07:22,410

that's that's that is the scientific

174

00:07:26,570 --> 00:07:24,810

outlook I think keeping it simple it is

175

00:07:29,150 --> 00:07:26,580

and as we know that you know the world

176

00:07:31,250 --> 00:07:29,160

is incredibly complicated but part of

177

00:07:32,719 --> 00:07:31,260

most explanations you know there is

178

00:07:34,790 --> 00:07:32,729

something as a gem of something very

179

00:07:37,610 --> 00:07:34,800

simple it's always fairly hard to find

180

00:07:40,850 --> 00:07:37,620

that and but you know that's part of our

181

00:07:42,770 --> 00:07:40,860

challenge anyway and yours as yours so

182

00:07:44,719 --> 00:07:42,780

you have a team here Christopher that

183

00:07:46,820 --> 00:07:44,729

does all the testing and can you tell us

184

00:07:48,830 --> 00:07:46,830

a little bit about the process whereby

185

00:07:50,480 --> 00:07:48,840

you would find a product and then how

186

00:07:52,339 --> 00:07:50,490

you go about testing whether it's any

187

00:07:54,469 --> 00:07:52,349

good there's about a hundred people who

188

00:07:56,420 --> 00:07:54,479

work a choice so there are people who do

189

00:07:58,100 --> 00:07:56,430

market research see what's new in the

190

00:08:00,589 --> 00:07:58,110

market what's worth looking at there are

191

00:08:02,629 --> 00:08:00,599

buyers who go out just as ordinary

192

00:08:04,189 --> 00:08:02,639

people you know they pay cash and credit

193

00:08:06,589 --> 00:08:04,199

card we actually buy everything we don't

194

00:08:08,480 --> 00:08:06,599

get any freebies or whatever then they

195

00:08:09,950 --> 00:08:08,490

come back and then in terms of you know

196

00:08:12,050 --> 00:08:09,960

if they'd be fridges or white goods

197

00:08:13,640 --> 00:08:12,060

they're tested by people and we've

198

00:08:15,620 --> 00:08:13,650

developed protocols you know how do you

199

00:08:17,029 --> 00:08:15,630

actually test a fridge well you've

200

00:08:19,760 --> 00:08:17,039

actually got to put it in a thermal

201  
00:08:22,219 --> 00:08:19,770  
laboratory so you can't control the

202  
00:08:23,990 --> 00:08:22,229  
ambient temperature around the fridge to

203  
00:08:25,270 --> 00:08:24,000  
see how well the temperature inside so

204  
00:08:27,469 --> 00:08:25,280  
some of these tests are actually quite

205  
00:08:30,459 --> 00:08:27,479  
complicated because you're not just

206  
00:08:32,810 --> 00:08:30,469  
testing one for it might be testing 20

207  
00:08:35,750 --> 00:08:32,820  
comparatively alongside each other so

208  
00:08:36,110 --> 00:08:35,760  
I'd be quite detailed and then again how

209  
00:08:37,880 --> 00:08:36,120  
do you

210  
00:08:39,800 --> 00:08:37,890  
test coffee grinder and it's been huge

211  
00:08:42,079 --> 00:08:39,810  
Grove you're just saying coffee

212  
00:08:44,680 --> 00:08:42,089  
percolators copy espresso machines

213  
00:08:47,690 --> 00:08:44,690

people have in their houses how do you

214

00:08:50,060 --> 00:08:47,700

compare those so we have a standard

215

00:08:51,890 --> 00:08:50,070

coffee machine that's a good one and

216

00:08:54,680 --> 00:08:51,900

that makes the standard good espresso

217

00:08:56,750 --> 00:08:54,690

everything else is measured by a tasting

218

00:08:58,280 --> 00:08:56,760

team around that and then there's way

219

00:09:00,410 --> 00:08:58,290

you grind it the sort of coffee and

220

00:09:01,519 --> 00:09:00,420

another example would be dishwashers how

221

00:09:03,829 --> 00:09:01,529

do you compare the performance of

222

00:09:04,730 --> 00:09:03,839

dishwasher as well scientific method

223

00:09:07,280 --> 00:09:04,740

you've got to make sure that everything

224

00:09:09,620 --> 00:09:07,290

goes in equally dirty so there are

225

00:09:12,320 --> 00:09:09,630

protocols for determining what levels of

226

00:09:13,910 --> 00:09:12,330

grease and an organic waste there are on

227

00:09:15,820 --> 00:09:13,920

the plates what sort of plates they are

228

00:09:18,110 --> 00:09:15,830

so you can measure how clean they are

229

00:09:20,300 --> 00:09:18,120

clothing if you love this we have to how

230

00:09:21,800 --> 00:09:20,310

do you measure washing machines well you

231

00:09:24,740 --> 00:09:21,810

have to make sure all the clothes are

232

00:09:28,340 --> 00:09:24,750

dirty in the same way to the same extent

233

00:09:32,269 --> 00:09:28,350

yeah so you actually get a material to

234

00:09:34,760 --> 00:09:32,279

make it gets material with dirt already

235

00:09:36,800 --> 00:09:34,770

impregnated in it from Europe and then

236

00:09:38,960 --> 00:09:36,810

you can wash it and you use an optical

237

00:09:41,540 --> 00:09:38,970

sensor to determine how white it is to

238

00:09:43,490 --> 00:09:41,550

see how much the dirt's gone out there's

239

00:09:44,690 --> 00:09:43,500

a lot of science in it Wow why does it

240

00:09:47,210 --> 00:09:44,700

come from Europe just out of interest

241

00:09:49,100 --> 00:09:47,220

but well and a dirty air look at

242

00:09:50,420 --> 00:09:49,110

probably armed with much of a market I

243

00:09:51,740 --> 00:09:50,430

know they're probably people listening a

244

00:09:54,079 --> 00:09:51,750

thing could send in their dirty kids

245

00:09:55,430 --> 00:09:54,089

clothes no in terms of there's probably

246

00:09:57,500 --> 00:09:55,440

won't in one place in the world who

247

00:10:00,620 --> 00:09:57,510

makes you know dirty bits of fabric to

248

00:10:01,910 --> 00:10:00,630

be tested in washing machines right so

249

00:10:03,890 --> 00:10:01,920

it's kind of like a standard that you

250

00:10:06,019 --> 00:10:03,900

would use in a scientific test maybe you

251  
00:10:07,970 --> 00:10:06,029  
would get a protein as a standard and

252  
00:10:10,400 --> 00:10:07,980  
measure everything besides that it is

253  
00:10:12,500 --> 00:10:10,410  
what she is finding you know what that

254  
00:10:15,949 --> 00:10:12,510  
benchmark is it could measure other

255  
00:10:17,420 --> 00:10:15,959  
things so you mentioned and I actually

256  
00:10:19,220 --> 00:10:17,430  
know someone who used to work here who

257  
00:10:21,290 --> 00:10:19,230  
is a scientist you do have scientists on

258  
00:10:23,240 --> 00:10:21,300  
staff can you tell us a little bit about

259  
00:10:27,130 --> 00:10:23,250  
the background of some of your testing

260  
00:10:29,600 --> 00:10:27,140  
people yeah look a sorrow lot of the

261  
00:10:32,750 --> 00:10:29,610  
CSIRO culture runs through the veins of

262  
00:10:35,030 --> 00:10:32,760  
this place you know in terms of that

263  
00:10:37,850 --> 00:10:35,040

sense of service and dedication and

264

00:10:40,519 --> 00:10:37,860

inquiry and in fact curiosity is one of

265

00:10:42,050 --> 00:10:40,529

our you know brand values if you like so

266

00:10:44,810 --> 00:10:42,060

that is something that's really pushed

267

00:10:47,750 --> 00:10:44,820

curiosity and inquisitiveness and that

268

00:10:48,269 --> 00:10:47,760

we have scientists as say across a realm

269

00:10:49,650 --> 00:10:48,279

through

270

00:10:52,079 --> 00:10:49,660

I think would be an important area

271

00:10:56,160 --> 00:10:52,089

that's something people very engaged and

272

00:10:58,650 --> 00:10:56,170

interested in additives to food food

273

00:11:00,840 --> 00:10:58,660

wrappings and the effect what's in food

274

00:11:02,850 --> 00:11:00,850

how do you measure you know so we've got

275

00:11:04,590 --> 00:11:02,860

to come up with one test we did recently

276

00:11:07,850 --> 00:11:04,600

was you know how much added water is

277

00:11:11,429 --> 00:11:07,860

there in sliced ham from the supermarket

278

00:11:14,129 --> 00:11:11,439

well you know ham well all living things

279

00:11:15,689 --> 00:11:14,139

have walked in them anyway pam has water

280

00:11:18,059 --> 00:11:15,699

added to it as part of the curing

281

00:11:20,879 --> 00:11:18,069

process but how do you work out you know

282

00:11:22,350 --> 00:11:20,889

what is the added added water and that

283

00:11:25,920 --> 00:11:22,360

says you've quite complicated so we have

284

00:11:27,600 --> 00:11:25,930

to devise a lot of these tests to really

285

00:11:30,410 --> 00:11:27,610

work out how to do it another one was

286

00:11:34,860 --> 00:11:30,420

was phthalates which is a plasticizer

287

00:11:37,340 --> 00:11:34,870

used in the seals inside the metal tops

288

00:11:39,600 --> 00:11:37,350

on glass jars you know fairly innocuous

289

00:11:42,090 --> 00:11:39,610

sort of thing you'd think but in fact

290

00:11:44,340 --> 00:11:42,100

these can migrate into oily foods and

291

00:11:47,009 --> 00:11:44,350

it's how you find a test for that so you

292

00:11:49,559 --> 00:11:47,019

can compare them actually that's one of

293

00:11:50,939 --> 00:11:49,569

the anti-vaxxers pet hates at the moment

294

00:11:53,309 --> 00:11:50,949

is they're saying that's a lights are bad

295

00:11:55,799 --> 00:11:53,319

for children so you shouldn't heat up

296

00:11:57,269 --> 00:11:55,809

your bottle in the microwave because

297

00:11:59,369 --> 00:11:57,279

that allows that process to happen

298

00:12:01,769 --> 00:11:59,379

apparently I don't think they've done

299

00:12:04,439 --> 00:12:01,779

any research yes look at sea edit gain

300

00:12:07,350 --> 00:12:04,449

you know there's this look there's

301  
00:12:09,059 --> 00:12:07,360  
endocrine disruptors that and look again

302  
00:12:11,369 --> 00:12:09,069  
there are these areas where it's very

303  
00:12:13,259 --> 00:12:11,379  
marginal but I'm sure we'll find it with

304  
00:12:15,179 --> 00:12:13,269  
mobile phones and brain tumors you know

305  
00:12:16,980 --> 00:12:15,189  
suddenly there's the breakthrough

306  
00:12:21,809 --> 00:12:16,990  
research and that's another thing we do

307  
00:12:23,699 --> 00:12:21,819  
a lot is review the mainstream journals

308  
00:12:24,949 --> 00:12:23,709  
you know the proper hard science and

309  
00:12:27,929 --> 00:12:24,959  
we've had some good old ding-dongs

310  
00:12:29,340 --> 00:12:27,939  
people into the you know some people in

311  
00:12:31,139 --> 00:12:29,350  
the organic movement we're not against

312  
00:12:32,910 --> 00:12:31,149  
organic food organic foods fine but some

313  
00:12:34,889 --> 00:12:32,920

of the claims made for organic food we

314

00:12:37,949 --> 00:12:34,899

do take issue with some of the claims

315

00:12:39,660 --> 00:12:37,959

made about various berries and juices

316

00:12:41,280 --> 00:12:39,670

who produces we had a good guy like

317

00:12:43,470 --> 00:12:41,290

those you know the levels of

318

00:12:44,910 --> 00:12:43,480

antioxidants but you know people say

319

00:12:46,829 --> 00:12:44,920

well then you know they send all these

320

00:12:48,780 --> 00:12:46,839

references to all these papers and all

321

00:12:51,329 --> 00:12:48,790

this research but we really have to say

322

00:12:53,939 --> 00:12:51,339

will you know what we actually stick

323

00:12:57,540 --> 00:12:53,949

with the mainstream science and that's

324

00:12:59,189 --> 00:12:57,550

that is our benchmark so actually on

325

00:13:00,809 --> 00:12:59,199

organic food on your website at the

326  
00:13:01,860 --> 00:13:00,819  
moment there's a poll where people can

327  
00:13:03,540 --> 00:13:01,870  
vote as to

328  
00:13:06,240 --> 00:13:03,550  
they can tell the difference between

329  
00:13:07,620 --> 00:13:06,250  
organic meat and whether they think

330  
00:13:09,210 --> 00:13:07,630  
whether they just buy it because it

331  
00:13:11,040 --> 00:13:09,220  
makes them feel warm and fuzzy or

332  
00:13:13,560 --> 00:13:11,050  
whether they actually can't tell the

333  
00:13:16,410 --> 00:13:13,570  
difference so people can maybe head to a

334  
00:13:19,170 --> 00:13:16,420  
choice apalsa looked at it recent ah

335  
00:13:22,260 --> 00:13:19,180  
well last night I think it said most

336  
00:13:24,480 --> 00:13:22,270  
people couldn't tell the difference the

337  
00:13:25,890 --> 00:13:24,490  
next highest votes was for people bought

338  
00:13:27,360 --> 00:13:25,900

it because it makes the warm and fuzzy

339

00:13:29,880 --> 00:13:27,370

and the lowest was they can tell the

340

00:13:31,620 --> 00:13:29,890

difference well it's interesting

341

00:13:33,060 --> 00:13:31,630

actually because people will say they

342

00:13:34,710 --> 00:13:33,070

can tell the difference but really the

343

00:13:37,380 --> 00:13:34,720

only thing that counts is you know what

344

00:13:40,019 --> 00:13:37,390

happens in terms of blind taste testing

345

00:13:41,070 --> 00:13:40,029

and we haven't done all of these but

346

00:13:42,840 --> 00:13:41,080

we've done a number in terms of

347

00:13:45,210 --> 00:13:42,850

free-range eggs in terms of you know

348

00:13:47,220 --> 00:13:45,220

free range chicken breasts people

349

00:13:49,950 --> 00:13:47,230

actually can't tell the difference of

350

00:13:52,320 --> 00:13:49,960

the ever and we pride ourselves that we

351

00:13:53,970 --> 00:13:52,330

can but actually ultimately no unless

352

00:13:56,610 --> 00:13:53,980

we've got very sophisticated palate

353

00:13:58,560 --> 00:13:56,620

really know what to look out for it is

354

00:14:00,840 --> 00:13:58,570

very difficult yeah it's just that those

355

00:14:03,420 --> 00:14:00,850

products are very much more expensive in

356

00:14:05,490 --> 00:14:03,430

general aren't they well they are and

357

00:14:07,920 --> 00:14:05,500

not all organic ones are so much more

358

00:14:09,180 --> 00:14:07,930

but many of them can be and that's the

359

00:14:11,250 --> 00:14:09,190

difference and I suppose it's the

360

00:14:13,440 --> 00:14:11,260

argument you know people who don't have

361

00:14:15,329 --> 00:14:13,450

that much do you just give one small

362

00:14:17,340 --> 00:14:15,339

organic apple to the kids or do you give

363

00:14:18,990 --> 00:14:17,350

them a whole range of conventional

364

00:14:20,310 --> 00:14:19,000

provement of where does the real benefit

365

00:14:22,949 --> 00:14:20,320

line and those are kind of some of the

366

00:14:26,329 --> 00:14:22,959

questions we try to answer one of the

367

00:14:28,079 --> 00:14:26,339

campaigns that you one of the things you

368

00:14:29,490 --> 00:14:28,089

investigated recently which I was

369

00:14:32,190 --> 00:14:29,500

particularly interested in was the

370

00:14:34,079 --> 00:14:32,200

pharmacy diets these are the weight loss

371

00:14:36,660 --> 00:14:34,089

diets that you can buy in a pharmacy and

372

00:14:39,600 --> 00:14:36,670

you got quite a lot of coverage in the

373

00:14:42,600 --> 00:14:39,610

media for that basically you slammed

374

00:14:45,329 --> 00:14:42,610

them in most cases you said that they

375

00:14:47,699 --> 00:14:45,339

nutritionally failed just about on all

376

00:14:50,100 --> 00:14:47,709

counts except for one particular one and

377

00:14:52,650 --> 00:14:50,110

you also criticized them mostly for

378

00:14:54,240 --> 00:14:52,660

their upsell so they would say you you

379

00:14:56,940 --> 00:14:54,250

might need more nutrients and we happen

380

00:14:58,320 --> 00:14:56,950

to have them here which you can buy so

381

00:15:00,150 --> 00:14:58,330

can you tell us a little bit about that

382

00:15:02,730 --> 00:15:00,160

and I'm also interested in the response

383

00:15:05,579 --> 00:15:02,740

that you received and whether anything's

384

00:15:07,380 --> 00:15:05,589

changed in terms of pharmacies now have

385

00:15:09,720 --> 00:15:07,390

they removed them or modified their

386

00:15:11,730 --> 00:15:09,730

practices it would these are mainly meal

387

00:15:13,680 --> 00:15:11,740

replacements so you know typically

388

00:15:15,510 --> 00:15:13,690

people have seen TV ads or

389

00:15:17,610 --> 00:15:15,520

of sale material we can help you lose

390

00:15:19,500 --> 00:15:17,620

weight and then they're introduced the

391

00:15:21,090 --> 00:15:19,510

consultants at the pharmacy who will

392

00:15:23,010 --> 00:15:21,100

develop a plan for them and then they

393

00:15:25,080 --> 00:15:23,020

buy the meal replacements which is for

394

00:15:27,450 --> 00:15:25,090

milkshakes often or some sort of

395

00:15:29,340 --> 00:15:27,460

powdered soup and then of course yes you

396

00:15:31,800 --> 00:15:29,350

mentioned there's the upsell of you know

397

00:15:35,400 --> 00:15:31,810

you might need some more bitumens with a

398

00:15:38,070 --> 00:15:35,410

few more nutrients or some more salts or

399

00:15:39,690 --> 00:15:38,080

whatever it is look we said it what we

400

00:15:41,790 --> 00:15:39,700

call shadow shoppers which is sort of

401  
00:15:43,560 --> 00:15:41,800  
undercover people just to go as a normal

402  
00:15:45,530 --> 00:15:43,570  
consumer would be to see what they found

403  
00:15:47,640 --> 00:15:45,540  
and then we also had a panel of

404  
00:15:49,590 --> 00:15:47,650  
nutritionists and people who really knew

405  
00:15:52,440 --> 00:15:49,600  
to actually look at the contents of this

406  
00:15:55,020 --> 00:15:52,450  
to see what they would do and yeah our

407  
00:15:56,700 --> 00:15:55,030  
concerns were twofold one that often

408  
00:16:00,270 --> 00:15:56,710  
nutritionally these things are really

409  
00:16:04,260 --> 00:16:00,280  
lacking but also the lack of training in

410  
00:16:06,270 --> 00:16:04,270  
terms of the so-called experts on the

411  
00:16:08,880 --> 00:16:06,280  
scene who really were just sales the

412  
00:16:11,340 --> 00:16:08,890  
system's rebranded as some sort of

413  
00:16:14,430 --> 00:16:11,350

expertise and as we all know issues of

414

00:16:16,290 --> 00:16:14,440

weight loss are multifactorial and you

415

00:16:17,970 --> 00:16:16,300

might get someone to lose weight in one

416

00:16:20,250 --> 00:16:17,980

particular program but it's an issue of

417

00:16:21,510 --> 00:16:20,260

what happens over time and that's where

418

00:16:24,720 --> 00:16:21,520

we felt that these things were really

419

00:16:26,340 --> 00:16:24,730

lacking and the real underlying point

420

00:16:29,490 --> 00:16:26,350

here is the question of trust you know

421

00:16:32,790 --> 00:16:29,500

pharmacists you know set themselves up

422

00:16:35,490 --> 00:16:32,800

and are many cases highly trusted in

423

00:16:37,170 --> 00:16:35,500

fact all that the surveys of trust /

424

00:16:40,730 --> 00:16:37,180

pharmacists right at the top they are

425

00:16:43,080 --> 00:16:40,740

trusted and we felt that this was

426

00:16:46,010 --> 00:16:43,090

something that actually would Road

427

00:16:49,290 --> 00:16:46,020

consumers trust in them if they knew

428

00:16:51,120 --> 00:16:49,300

really what was going on so has there

429

00:16:53,730 --> 00:16:51,130

been changed I suppose there's been a

430

00:16:55,560 --> 00:16:53,740

lack of confidence in the product so

431

00:16:57,600 --> 00:16:55,570

that must have hurt some of them some of

432

00:17:00,120 --> 00:16:57,610

the providers of these things you know

433

00:17:02,370 --> 00:17:00,130

went kicking and screaming and we always

434

00:17:04,890 --> 00:17:02,380

get long letters full of references to

435

00:17:07,230 --> 00:17:04,900

this that and the other but okay that's

436

00:17:09,780 --> 00:17:07,240

2x yeah yeah well duh put our people

437

00:17:12,179 --> 00:17:09,790

here are fantastic because they can send

438

00:17:14,370 --> 00:17:12,189

back longer lessons but not references

439

00:17:16,199 --> 00:17:14,380

with more Royal Colleges in him and

440

00:17:19,500 --> 00:17:16,209

actually often we that's it we never

441

00:17:21,660 --> 00:17:19,510

hear tickety-boo from them again so as

442

00:17:24,000 --> 00:17:21,670

far as a bit I don't think there's any

443

00:17:25,330 --> 00:17:24,010

regular tree changes or moves flowing

444

00:17:28,590 --> 00:17:25,340

from this which can sometime

445

00:17:30,910 --> 00:17:28,600

follow as a result of our inquiries but

446

00:17:33,790 --> 00:17:30,920

certainly I think they've pulled their

447

00:17:36,190 --> 00:17:33,800

heads in a bed and while this was a

448

00:17:39,070 --> 00:17:36,200

profitable area I think they'd probably

449

00:17:40,570 --> 00:17:39,080

face a few more questions yeah yeah I'll

450

00:17:42,700 --> 00:17:40,580

just show you this quickly I don't know

451

00:17:45,070 --> 00:17:42,710

if you wimps this before that we sent

452

00:17:47,170 --> 00:17:45,080

that out earlier in the year and we

453

00:17:49,120 --> 00:17:47,180

published it in our magazine the skeptic

454

00:17:51,520 --> 00:17:49,130

it's an open letter to the pharmacist of

455

00:17:53,890 --> 00:17:51,530

Australia basically saying look there's

456

00:17:55,840 --> 00:17:53,900

an awful lot of dodgy stuff in your

457

00:17:57,940 --> 00:17:55,850

pharmacist now especially these devices

458

00:18:01,120 --> 00:17:57,950

i hope the ear candles yes here I've

459

00:18:02,710 --> 00:18:01,130

seen them as well which and that this

460

00:18:05,200 --> 00:18:02,720

other brochure I have right here which

461

00:18:07,900 --> 00:18:05,210

is directly out of pharmacy most

462

00:18:10,000 --> 00:18:07,910

pharmacies now that we check out

463

00:18:13,870 --> 00:18:10,010

ourselves we'll sell these ear candles

464

00:18:15,790 --> 00:18:13,880

and it's staggering because even when

465

00:18:17,920 --> 00:18:15,800

questioned the people in the pharmacy

466

00:18:20,290 --> 00:18:17,930

themselves either don't know or will

467

00:18:21,850 --> 00:18:20,300

recommend them or in some cases they'll

468

00:18:23,050 --> 00:18:21,860

say we know that they're no good we

469

00:18:24,820 --> 00:18:23,060

wouldn't recommend them but they sell

470

00:18:27,010 --> 00:18:24,830

really well so what are we going to do

471

00:18:28,750 --> 00:18:27,020

about it yeah and there have been some

472

00:18:30,490 --> 00:18:28,760

fairly mainstream warnings about these

473

00:18:35,110 --> 00:18:30,500

things you do I think you know you know

474

00:18:36,820 --> 00:18:35,120

the authorities so yeah look it's it's

475

00:18:38,830 --> 00:18:36,830

an interesting one pharmacist because

476  
00:18:40,360 --> 00:18:38,840  
they enjoy a certain level of protection

477  
00:18:43,750 --> 00:18:40,370  
you know that they can keep out

478  
00:18:45,430 --> 00:18:43,760  
competition so they have for that they

479  
00:18:48,430 --> 00:18:45,440  
enjoy protections that other businesses

480  
00:18:50,710 --> 00:18:48,440  
don't do they enjoy a public standing

481  
00:18:53,200 --> 00:18:50,720  
that others don't but how much brother

482  
00:18:55,900 --> 00:18:53,210  
can some elements within them keep

483  
00:18:59,880 --> 00:18:55,910  
pushing the envelope in hopi ear candles

484  
00:19:02,380 --> 00:18:59,890  
or shonky diet plan or you know even

485  
00:19:05,980 --> 00:19:02,390  
things like having a consultant

486  
00:19:07,960 --> 00:19:05,990  
naturopath people doing iridology of

487  
00:19:09,760 --> 00:19:07,970  
their pharmacy's a lot of pharmacies

488  
00:19:11,830 --> 00:19:09,770

will have this come every week every

489

00:19:13,150 --> 00:19:11,840

second week or whatever and talk to our

490

00:19:14,710 --> 00:19:13,160

euro dollar just these people are

491

00:19:17,320 --> 00:19:14,720

pretending to be doctors I don't know if

492

00:19:19,360 --> 00:19:17,330

you know about iridology itself well I

493

00:19:21,730 --> 00:19:19,370

know that you know something I iridology

494

00:19:23,050 --> 00:19:21,740

says \$13 and people say well that's not

495

00:19:24,900 --> 00:19:23,060

going to do you any harm but of course

496

00:19:27,730 --> 00:19:24,910

then you get less ood in for regular

497

00:19:29,800 --> 00:19:27,740

consultations and goodness knows what

498

00:19:31,810 --> 00:19:29,810

sort of health information will

499

00:19:34,150 --> 00:19:31,820

allegedly be imparted you and what might

500

00:19:36,840 --> 00:19:34,160

distract someone from really seeking a

501  
00:19:38,360 --> 00:19:36,850  
more professional opinion black to us if

502  
00:19:41,960 --> 00:19:38,370  
it's a really

503  
00:19:44,230 --> 00:19:41,970  
sad state of affairs that pharmacies

504  
00:19:46,940 --> 00:19:44,240  
should go downhill so markedly in our

505  
00:19:49,190 --> 00:19:46,950  
estimation anyway when you can walk in

506  
00:19:51,830 --> 00:19:49,200  
and get advice which is akin to which

507  
00:19:53,150 --> 00:19:51,840  
but I've well look I would just say keep

508  
00:19:55,070 --> 00:19:53,160  
pushing it we keep pushing the

509  
00:19:56,690 --> 00:19:55,080  
pharmacist from the commercial angle

510  
00:19:59,210 --> 00:19:56,700  
yeah but you know it's certainly a good

511  
00:20:02,240 --> 00:19:59,220  
case in the pharmacy guild are very

512  
00:20:05,210 --> 00:20:02,250  
powerful you know they should measures

513  
00:20:08,090 --> 00:20:05,220

we seek to rein in this kind of behavior

514

00:20:10,700 --> 00:20:08,100

if it seems to be in conflict with what

515

00:20:11,900 --> 00:20:10,710

are their stated aims and ambitions well

516

00:20:13,760 --> 00:20:11,910

that is true they do have a code of

517

00:20:15,410 --> 00:20:13,770

conduct and they code of conduct does

518

00:20:17,150 --> 00:20:15,420

state that they should be selling things

519

00:20:20,810 --> 00:20:17,160

that for which there is evidence base

520

00:20:24,049 --> 00:20:20,820

and for example in this situation where

521

00:20:28,760 --> 00:20:24,059

there's a homeopathy placed next to a

522

00:20:30,140 --> 00:20:28,770

paracetamol for children I'm surely

523

00:20:32,210 --> 00:20:30,150

that's breaching their code of conduct

524

00:20:35,030 --> 00:20:32,220

because as you know homeopathy is

525

00:20:37,130 --> 00:20:35,040

basically water or sugar pills and it

526

00:20:41,180 --> 00:20:37,140

certainly has no efficacy compared to a

527

00:20:45,049 --> 00:20:41,190

paracetamol but to have have no I use

528

00:20:48,770 --> 00:20:45,059

the term again witchcraft next to tested

529

00:20:51,020 --> 00:20:48,780

and tried and true medical things like

530

00:20:52,850 --> 00:20:51,030

paracetamol it's it's outrageous because

531

00:20:55,490 --> 00:20:52,860

the person coming in off the street why

532

00:20:57,290 --> 00:20:55,500

should they know you know they've trust

533

00:20:58,580 --> 00:20:57,300

their pharmacy to that it wasn't good

534

00:21:01,100 --> 00:20:58,590

advice but I've been looking at this

535

00:21:04,250 --> 00:21:01,110

product which says teething relief you

536

00:21:06,820 --> 00:21:04,260

know doesn't say homeopathy brow well

537

00:21:09,620 --> 00:21:06,830

that sounds it's sort of quite akin to a

538

00:21:11,240 --> 00:21:09,630

respectable German pharmacy let's not

539

00:21:13,190 --> 00:21:11,250

exactly decide they are well he was a

540

00:21:16,100 --> 00:21:13,200

family doesn't I don't think homeopathy

541

00:21:18,610 --> 00:21:16,110

on the on that face side facing us now

542

00:21:21,290 --> 00:21:18,620

but it is it's tammie oh yeah they do

543

00:21:23,419 --> 00:21:21,300

well yeah look again we're all about

544

00:21:24,919 --> 00:21:23,429

labeling and things being really clear

545

00:21:26,630 --> 00:21:24,929

so people can you know it's up for

546

00:21:28,990 --> 00:21:26,640

people to choose what they want to do

547

00:21:32,540 --> 00:21:29,000

but that one they need to have you know

548

00:21:35,120 --> 00:21:32,550

maximum amount of clear honest deviation

549

00:21:36,350 --> 00:21:35,130

and you know without seeing the whole of

550

00:21:38,900 --> 00:21:36,360

that it's hard to say but I certainly

551  
00:21:40,730 --> 00:21:38,910  
wouldn't suggest you know again natural

552  
00:21:42,590 --> 00:21:40,740  
I mean we to come across this natural

553  
00:21:45,200 --> 00:21:42,600  
all the time in terms of food you know

554  
00:21:47,630 --> 00:21:45,210  
oh it's natural or it's fresh or it's

555  
00:21:49,550 --> 00:21:47,640  
bio this that and the other I mean

556  
00:21:50,659 --> 00:21:49,560  
they're meaningless terms because anyone

557  
00:21:53,419 --> 00:21:50,669  
can use them they're really

558  
00:21:56,060 --> 00:21:53,429  
no yes effective control over them so

559  
00:21:58,460 --> 00:21:56,070  
you know whenever it says natural nature

560  
00:22:02,349 --> 00:21:58,470  
that's when you really need to turn on

561  
00:22:05,149 --> 00:22:02,359  
your x-ray glasses I was just going to

562  
00:22:07,700 --> 00:22:05,159  
change the subject to something that we

563  
00:22:09,409 --> 00:22:07,710

really enjoy which are the sharkies now

564

00:22:11,810 --> 00:22:09,419

what I want to say about the sharpies

565

00:22:13,940 --> 00:22:11,820

which are the equivalent to our bent

566

00:22:15,470 --> 00:22:13,950

spoon is where every year we have the

567

00:22:17,330 --> 00:22:15,480

vent spoon award which we give to the

568

00:22:20,599 --> 00:22:17,340

greatest perpetrator of paranormal or

569

00:22:23,060 --> 00:22:20,609

pseudo scientific piffle you have the

570

00:22:26,029 --> 00:22:23,070

Xiang keys and i must say that they are

571

00:22:30,710 --> 00:22:26,039

very well reported every year a lot of

572

00:22:32,899 --> 00:22:30,720

the the major news networks and the

573

00:22:35,299 --> 00:22:32,909

papers will pick up on the sharkies i

574

00:22:36,799 --> 00:22:35,309

think that's very successful for you it

575

00:22:38,330 --> 00:22:36,809

seems like only yesterday that we were

576

00:22:40,820 --> 00:22:38,340

handing out lemons to companies like

577

00:22:43,279 --> 00:22:40,830

coca-cola Amatil and citibank but

578

00:22:44,899 --> 00:22:43,289

already a year has passed and 2009 has

579

00:22:47,359 --> 00:22:44,909

presented us with a completely new batch

580

00:22:48,409 --> 00:22:47,369

of chunky products and services let's

581

00:22:52,580 --> 00:22:48,419

take a look at some of this year's

582

00:22:54,769 --> 00:22:52,590

winners it probably comes as no surprise

583

00:22:56,810 --> 00:22:54,779

that the cosmetics industry is among the

584

00:22:59,119 --> 00:22:56,820

first in the firing line as it continues

585

00:23:00,739 --> 00:22:59,129

to mislead misinform and misrepresent

586

00:23:03,019 --> 00:23:00,749

the abilities of beauty products to lift

587

00:23:06,080 --> 00:23:03,029

decrease and smooth but the award itself

588

00:23:07,320 --> 00:23:06,090

goes to lauriol why because they're

589

00:23:09,480 --> 00:23:07,330

worth it

590

00:23:12,120 --> 00:23:09,490

they always use soothing language

591

00:23:15,420 --> 00:23:12,130

reassuring language in a seductive leg

592

00:23:18,810 --> 00:23:15,430

flexing leave it in our hands don't pop

593

00:23:20,880 --> 00:23:18,820

your pretty head about this foodstuffs

594

00:23:22,640 --> 00:23:20,890

also showed well this year with shank is

595

00:23:24,540 --> 00:23:22,650

going to liquid stocks made from powder

596

00:23:29,070 --> 00:23:24,550

presumably saving you the trouble of

597

00:23:30,810 --> 00:23:29,080

adding water for yourself and uncle

598

00:23:32,520 --> 00:23:30,820

tobys for trying to pull the wall over

599

00:23:35,370 --> 00:23:32,530

it's customers eyes with some remarkably

600

00:23:39,300 --> 00:23:35,380

deceptive packaging practices not quite

601  
00:23:43,110 --> 00:23:39,310  
as deep as the old you get more thing

602  
00:23:44,730 --> 00:23:43,120  
said less Siri close to home travelers

603  
00:23:46,380 --> 00:23:44,740  
are the ones being stung by Qantas

604  
00:23:48,420 --> 00:23:46,390  
though the spirit of Australia is by no

605  
00:23:50,070 --> 00:23:48,430  
means the only airline that's happy to

606  
00:23:52,020 --> 00:23:50,080  
let credit card companies take the rap

607  
00:23:54,960 --> 00:23:52,030  
for its own price gouging on surcharges

608  
00:23:56,970 --> 00:23:54,970  
it is however the worst offender of

609  
00:23:58,440 --> 00:23:56,980  
course the shonky awards couldn't be

610  
00:24:00,540 --> 00:23:58,450  
complete without at least one dodgy

611  
00:24:02,850 --> 00:24:00,550  
piece of hardware and this year we have

612  
00:24:04,590 --> 00:24:02,860  
two on offer our first lemon in this

613  
00:24:06,330 --> 00:24:04,600

category goes the energy-saving plug

614

00:24:08,610 --> 00:24:06,340

that doesn't appear to save you anything

615

00:24:10,170 --> 00:24:08,620

while the second is decisively won by a

616

00:24:11,910 --> 00:24:10,180

food processor that quite literally

617

00:24:15,780 --> 00:24:11,920

comes apart at the side of a block of

618

00:24:17,550 --> 00:24:15,790

cheese from shrinking Serbs and hidden

619

00:24:20,190 --> 00:24:17,560

charges to false claims and mechanical

620

00:24:21,690 --> 00:24:20,200

failures the 2009 chunkies lineup serves

621

00:24:23,610 --> 00:24:21,700

to remind us the companies will never

622

00:24:25,110 --> 00:24:23,620

get tired of finding you and interesting

623

00:24:27,300 --> 00:24:25,120

ways to con you out of your hard-earned

624

00:24:28,770 --> 00:24:27,310

money so it's just as well then but we

625

00:24:34,510 --> 00:24:28,780

never get tired of telling you what

626  
00:24:47,300 --> 00:24:45,050  
Lawrence Grayson choice TV yeah well

627  
00:24:49,370 --> 00:24:47,310  
thank you I mean it is because i think

628  
00:24:51,410 --> 00:24:49,380  
it strikes a chord and chunky is

629  
00:24:52,730 --> 00:24:51,420  
actually great Australian term it's a

630  
00:24:54,860 --> 00:24:52,740  
great do you know and it's onomatopoeia

631  
00:24:56,330 --> 00:24:54,870  
really you don't even need to know this

632  
00:24:58,070 --> 00:24:56,340  
is anything in shonky it can't be very

633  
00:25:01,880 --> 00:24:58,080  
good it suggested it's a house of cards

634  
00:25:04,570 --> 00:25:01,890  
and will fall down and look the you know

635  
00:25:08,360 --> 00:25:04,580  
I suppose the basic thing of a shonky is

636  
00:25:09,950 --> 00:25:08,370  
that it's not what it states to be but

637  
00:25:13,220 --> 00:25:09,960  
it really needs a bit of star quality

638  
00:25:14,720 --> 00:25:13,230

too so does that element of hypocrisy in

639

00:25:16,460 --> 00:25:14,730

terms of you know people saying well

640

00:25:18,500 --> 00:25:16,470

we've come out with this new size of

641

00:25:21,320 --> 00:25:18,510

cereal package to save you money hey

642

00:25:24,350 --> 00:25:21,330

it's smaller how can it save us money

643

00:25:26,090 --> 00:25:24,360

you know or the airline that you know

644

00:25:27,920 --> 00:25:26,100

says that has a massive credit card

645

00:25:29,930 --> 00:25:27,930

surcharge and says that that's they're

646

00:25:32,120 --> 00:25:29,940

still losing money on the deal you know

647

00:25:35,420 --> 00:25:32,130

it's that kind of little twist that gets

648

00:25:37,340 --> 00:25:35,430

it to there but chunkiness is also yeah

649

00:25:38,780 --> 00:25:37,350

it you know we try and test things in

650

00:25:41,060 --> 00:25:38,790

science and there was a great one that

651  
00:25:43,520 --> 00:25:41,070  
we had dude love this year which was for

652  
00:25:46,010 --> 00:25:43,530  
the region micro plug now this thing

653  
00:25:47,600 --> 00:25:46,020  
could solve all of the you know global

654  
00:25:49,670 --> 00:25:47,610  
warming problems overnight if it

655  
00:25:51,020 --> 00:25:49,680  
actually worked today like you plug into

656  
00:25:52,400 --> 00:25:51,030  
the wall and you plug your electrical

657  
00:25:55,100 --> 00:25:52,410  
device into there and it's thirty

658  
00:25:58,340 --> 00:25:55,110  
percent energy savings you know how to

659  
00:26:02,810 --> 00:25:58,350  
add a flick of a switch well we tested

660  
00:26:05,570 --> 00:26:02,820  
it with you know Hoover's and fans and

661  
00:26:08,120 --> 00:26:05,580  
fridges and didn't find anything at all

662  
00:26:11,090 --> 00:26:08,130  
with a drill a handheld drill we found

663  
00:26:12,500 --> 00:26:11,100

five percent saving fairly miniscule

664

00:26:14,210 --> 00:26:12,510

it's hard to measure these things so

665

00:26:15,470 --> 00:26:14,220

yeah it'll be meaningless but you know

666

00:26:16,760 --> 00:26:15,480

cost you one hundred and fifty dollars

667

00:26:19,760 --> 00:26:16,770

to buy this thing so you'd have to have

668

00:26:22,520 --> 00:26:19,770

the drill on non-stop for ten years to

669

00:26:23,870 --> 00:26:22,530

make back the purchase price but what

670

00:26:25,400 --> 00:26:23,880

was interesting when we challenge the

671

00:26:26,840 --> 00:26:25,410

importers they said well you're testing

672

00:26:29,060 --> 00:26:26,850

it wrong and again I'm sure you hear

673

00:26:31,060 --> 00:26:29,070

this all our you're testing it wrong

674

00:26:33,220 --> 00:26:31,070

yeah doesn't work like yeah

675

00:26:34,810 --> 00:26:33,230

does my brother yeah and then they said

676

00:26:36,940 --> 00:26:34,820

well it will send you some evidence we

677

00:26:38,830 --> 00:26:36,950

thought that's good and they sent us the

678

00:26:42,279 --> 00:26:38,840

electricity bills from the rich rich

679

00:26:44,470 --> 00:26:42,289

fried chicken shop in seoul which

680

00:26:47,529 --> 00:26:44,480

apparently had attached these things to

681

00:26:50,169 --> 00:26:47,539

express and they sent the utility bill

682

00:26:52,029 --> 00:26:50,179

you know in korean I'm afraid it was you

683

00:26:55,330 --> 00:26:52,039

know it was but it was such a brilliant

684

00:26:58,149 --> 00:26:55,340

blatant bit of substantiation you don't

685

00:27:00,159 --> 00:26:58,159

have to frame it Richard's chicken shots

686

00:27:01,629 --> 00:27:00,169

in the save the world business

687

00:27:03,310 --> 00:27:01,639

interesting there's there's something

688

00:27:04,990 --> 00:27:03,320

where we can cross over because that's

689

00:27:07,289 --> 00:27:05,000

exactly the sort of thing Australian

690

00:27:09,700 --> 00:27:07,299

skeptics will investigate to energy

691

00:27:11,619 --> 00:27:09,710

polarizes fuel polarisers fill savers

692

00:27:14,649 --> 00:27:11,629

energy devices like that we have on our

693

00:27:16,480 --> 00:27:14,659

on our team our chief investigator in

694

00:27:19,659 --> 00:27:16,490

fact is a rocket scientist a real rocket

695

00:27:21,789 --> 00:27:19,669

scientist and he loves nothing more than

696

00:27:23,889 --> 00:27:21,799

going after these sort of devices in

697

00:27:25,840 --> 00:27:23,899

fact Peter Brock the racing car driver

698

00:27:27,840 --> 00:27:25,850

the late Peter Brock won the bent spoon

699

00:27:30,129 --> 00:27:27,850

a number of years ago because he was

700

00:27:31,990 --> 00:27:30,139

publicizing pushing a fuel polarizer

701  
00:27:34,299 --> 00:27:32,000  
which was basically a magnetic clip you

702  
00:27:37,269 --> 00:27:34,309  
put in your car around the fuel line in

703  
00:27:39,549 --> 00:27:37,279  
shonky talk about Sean oh look it and

704  
00:27:41,200 --> 00:27:39,559  
they'll keep coming and again we had a

705  
00:27:43,360 --> 00:27:41,210  
lot of the fuel ones come out would work

706  
00:27:45,639 --> 00:27:43,370  
when petrol was more expensive you or so

707  
00:27:47,499 --> 00:27:45,649  
ago and doubtless they'll they'll come

708  
00:27:48,759 --> 00:27:47,509  
back but you know what they know it's

709  
00:27:50,740 --> 00:27:48,769  
kind of like we were was warned about

710  
00:27:52,659 --> 00:27:50,750  
the scam emails you know people trying

711  
00:27:55,570 --> 00:27:52,669  
to get your banking details but it's

712  
00:27:56,950 --> 00:27:55,580  
with these scams and it unsure it's the

713  
00:27:59,409 --> 00:27:56,960

same with the paranormal that the cost

714

00:28:01,899 --> 00:27:59,419

of entry is very low you can just send

715

00:28:04,119 --> 00:28:01,909

an email or proclaim something the risk

716

00:28:05,950 --> 00:28:04,129

of being caught is is very low because

717

00:28:07,330 --> 00:28:05,960

the agencies don't really take much

718

00:28:09,279 --> 00:28:07,340

action against it but the potential

719

00:28:11,320 --> 00:28:09,289

returns are actually very high yes

720

00:28:12,430 --> 00:28:11,330

because you managed to latch on someone

721

00:28:14,860 --> 00:28:12,440

who's going to send you their bank

722

00:28:17,110 --> 00:28:14,870

details or someone who's going to you

723

00:28:18,789 --> 00:28:17,120

know give all whatever the money it is

724

00:28:20,499 --> 00:28:18,799

for whatever you're selling you know

725

00:28:22,960 --> 00:28:20,509

it's it's a great business and it's when

726

00:28:24,879 --> 00:28:22,970

you look at the you know incentives and

727

00:28:25,960 --> 00:28:24,889

the disincentives that's when you're

728

00:28:27,940 --> 00:28:25,970

going to find these kind of activities

729

00:28:29,470 --> 00:28:27,950

breaking out so it really is this

730

00:28:30,580 --> 00:28:29,480

question of regulation and people who

731

00:28:32,529 --> 00:28:30,590

actually get to sit on it and do

732

00:28:34,299 --> 00:28:32,539

something now i suppose what we were in

733

00:28:37,149 --> 00:28:34,309

is really education to try and tell

734

00:28:40,330 --> 00:28:37,159

people hang on think twice be a bit

735

00:28:42,460 --> 00:28:40,340

skeptical i was very interested to look

736

00:28:43,800 --> 00:28:42,470

at your website choice condor day you

737

00:28:46,050 --> 00:28:43,810

and I was quite impressed by

738

00:28:47,430 --> 00:28:46,060

choice TV these little videos that

739

00:28:50,550 --> 00:28:47,440

you've produced and whacked on the earth

740

00:28:52,410 --> 00:28:50,560

via YouTube and you don't pull any

741

00:28:54,240 --> 00:28:52,420

punches you say you stay quite clearly

742

00:28:59,280 --> 00:28:54,250

look out for these people trying to con

743

00:29:03,990 --> 00:28:59,290

you and so on do you do not fear a legal

744

00:29:06,930 --> 00:29:04,000

action all the time no because we check

745

00:29:09,000 --> 00:29:06,940

and recheck and recheck again and then

746

00:29:10,830 --> 00:29:09,010

we're very sure where we come from

747

00:29:12,690 --> 00:29:10,840

there's only one person what is one

748

00:29:14,940 --> 00:29:12,700

celebrated case of someone who's tried

749

00:29:17,370 --> 00:29:14,950

to take us to court was when with it was

750

00:29:19,170 --> 00:29:17,380

a gas heater that we claim could become

751  
00:29:20,700 --> 00:29:19,180  
a potential flamethrower because the

752  
00:29:23,490 --> 00:29:20,710  
hose wasn't properly attached to the

753  
00:29:24,900 --> 00:29:23,500  
heater and this became quite a big legal

754  
00:29:27,060 --> 00:29:24,910  
test case that's still in the law

755  
00:29:29,700 --> 00:29:27,070  
textbooks for undergraduates but you

756  
00:29:31,140 --> 00:29:29,710  
know we won yeah because we proved it

757  
00:29:32,640 --> 00:29:31,150  
was in the public interest and I think

758  
00:29:34,290 --> 00:29:32,650  
that's actually where we always like we

759  
00:29:36,360 --> 00:29:34,300  
can show that it's in the public

760  
00:29:39,060 --> 00:29:36,370  
interest so we have various defenses at

761  
00:29:41,790 --> 00:29:39,070  
law that we can you know push the

762  
00:29:45,660 --> 00:29:41,800  
envelope but I think like you too we use

763  
00:29:47,970 --> 00:29:45,670

the power of satire and humor because

764

00:29:51,180 --> 00:29:47,980

many of our targets which perhaps

765

00:29:53,160 --> 00:29:51,190

corporate Australia and corporate global

766

00:29:54,690 --> 00:29:53,170

you know they're very thin-skinned they

767

00:29:56,700 --> 00:29:54,700

have no sense of humor you know that

768

00:29:58,560 --> 00:29:56,710

really is their Achilles heel and I'm

769

00:30:00,540 --> 00:29:58,570

sure it's often with those people you go

770

00:30:03,120 --> 00:30:00,550

today they have no sense of for you none

771

00:30:05,310 --> 00:30:03,130

and that's what makes that shows them up

772

00:30:07,410 --> 00:30:05,320

for the for the folks frauds hypocrites

773

00:30:10,620 --> 00:30:07,420

that they really are yeah yeah but

774

00:30:12,360 --> 00:30:10,630

speaking of satire I loved one of the

775

00:30:13,860 --> 00:30:12,370

satires that you did for this year's

776

00:30:15,990 --> 00:30:13,870

donkeys which was the cosmetics

777

00:30:18,900 --> 00:30:16,000

companies where you had cosmetic

778

00:30:23,220 --> 00:30:18,910

companies make up and featuring

779

00:30:24,720 --> 00:30:23,230

profi corby and I understand that that's

780

00:30:26,190 --> 00:30:24,730

coming from the fact that they just get

781

00:30:28,020 --> 00:30:26,200

all these scientific terms and put them

782

00:30:31,620 --> 00:30:28,030

in a hat virtually and makeup you know

783

00:30:33,630 --> 00:30:31,630

this special active ingredient we've

784

00:30:35,310 --> 00:30:33,640

taken trace elements for random exotic

785

00:30:37,800 --> 00:30:35,320

sounding plant and combined it with some

786

00:30:40,140 --> 00:30:37,810

generic creamy goop to create profiel be

787

00:30:42,510 --> 00:30:40,150

a totally made-up name the mixing sound

788

00:30:43,980 --> 00:30:42,520

really scientific here are some computer

789

00:30:45,750 --> 00:30:43,990

graphics that falsely suggest it works

790

00:30:47,220 --> 00:30:45,760

on a cellular level and an airbrush

791

00:30:49,680 --> 00:30:47,230

picture of a model who's probably had

792

00:30:51,540 --> 00:30:49,690

everything botoxed anyway with phrases

793

00:30:53,280 --> 00:30:51,550

like clinically proven and an arbitrary

794

00:30:54,660 --> 00:30:53,290

list of effects you'd like to think this

795

00:30:56,240 --> 00:30:54,670

is worth the staggering amount of money

796

00:30:59,590 --> 00:30:56,250

we're charging for it but

797

00:31:03,020 --> 00:30:59,600

not cosmetics companies we make up

798

00:31:05,180 --> 00:31:03,030

but surely you would be at risk of libel

799

00:31:07,000 --> 00:31:05,190

defamation for something like that well

800

00:31:10,400 --> 00:31:07,010

with that video we didn't actually

801  
00:31:13,520 --> 00:31:10,410  
mention a particular brand so that was a

802  
00:31:14,900 --> 00:31:13,530  
general we did give the shonky that was

803  
00:31:17,960 --> 00:31:14,910  
the video and you know if you can edit

804  
00:31:20,060 --> 00:31:17,970  
it in it's very funny we gave we were

805  
00:31:21,980 --> 00:31:20,070  
complaining about the abuse of science

806  
00:31:23,230 --> 00:31:21,990  
in terms of a labouring of cosmetics and

807  
00:31:26,630 --> 00:31:23,240  
there's one that's come up with a

808  
00:31:27,920 --> 00:31:26,640  
neutral ilion in terms of a shampoo you

809  
00:31:29,560 --> 00:31:27,930  
know and again we'd say well this sounds

810  
00:31:32,000 --> 00:31:29,570  
like it's about one hundred and fiftieth

811  
00:31:34,070 --> 00:31:32,010  
element on the periodic table you know

812  
00:31:36,140 --> 00:31:34,080  
that sounds like something it exists for

813  
00:31:38,200 --> 00:31:36,150

a nanosecond in reactor but in fact all

814

00:31:40,580 --> 00:31:38,210

it does is make your hair less frizzy

815

00:31:42,320 --> 00:31:40,590

there they are brilliant at coming up

816

00:31:44,030 --> 00:31:42,330

with the terms and it all actually goes

817

00:31:46,280 --> 00:31:44,040

back to the pons institute if you

818

00:31:47,930 --> 00:31:46,290

remember people with white coats you

819

00:31:49,220 --> 00:31:47,940

know people think are that science they

820

00:31:51,110 --> 00:31:49,230

know what they're doing that must you're

821

00:31:54,830 --> 00:31:51,120

good yeah I mean it yeah I mean it's

822

00:31:57,110 --> 00:31:54,840

hilarious of course and that's that's

823

00:31:58,640 --> 00:31:57,120

why we we love to poke a bit of fun at

824

00:32:00,590 --> 00:31:58,650

them yes I've always wanted to get a job

825

00:32:02,270 --> 00:32:00,600

at the pons Institute but I ended up

826

00:32:05,170 --> 00:32:02,280

with a heart Research Institute it's not

827

00:32:07,250 --> 00:32:05,180

quite as interesting you know yeah um

828

00:32:08,810 --> 00:32:07,260

can we talk a little bit about the

829

00:32:10,460 --> 00:32:08,820

regulation of these things because

830

00:32:12,860 --> 00:32:10,470

obviously the government has laws in

831

00:32:16,300 --> 00:32:12,870

place to prevent people getting harmed

832

00:32:19,340 --> 00:32:16,310

by products that make outrageous claims

833

00:32:21,290 --> 00:32:19,350

we have actually made complaints to the

834

00:32:24,170 --> 00:32:21,300

TGA through the complaint resolution

835

00:32:27,200 --> 00:32:24,180

panel about things as dangerous as

836

00:32:29,000 --> 00:32:27,210

homeopathic immunization and then the

837

00:32:30,860 --> 00:32:29,010

complaint has SAT there for a few months

838

00:32:33,260 --> 00:32:30,870

and then just dropped off and you never

839

00:32:36,020 --> 00:32:33,270

hear from it again how do you go about

840

00:32:37,730 --> 00:32:36,030

dealing with you know government boards

841

00:32:39,950 --> 00:32:37,740

in terms of making complaints yeah

842

00:32:41,530 --> 00:32:39,960

normally I mean the H will see the

843

00:32:43,940 --> 00:32:41,540

consumer and competition commission

844

00:32:46,640 --> 00:32:43,950

normally people complain but the TGA

845

00:32:49,070 --> 00:32:46,650

look we've done those as well I suppose

846

00:32:50,660 --> 00:32:49,080

that we put in a letter wouldn't

847

00:32:52,190 --> 00:32:50,670

purchase a letter we've put in a body of

848

00:32:53,870 --> 00:32:52,200

research that probably goes with it

849

00:32:56,690 --> 00:32:53,880

because we'll probably have looked into

850

00:32:58,430 --> 00:32:56,700

this certainly green claims is one we're

851  
00:33:02,450 --> 00:32:58,440  
looking at again and that sort of often

852  
00:33:04,310 --> 00:33:02,460  
touches terms of scientific abuse

853  
00:33:07,790 --> 00:33:04,320  
look you know complaints procedures

854  
00:33:10,220 --> 00:33:07,800  
often the regulators have a fairly you

855  
00:33:12,440 --> 00:33:10,230  
know glacial process that has to be gone

856  
00:33:14,510 --> 00:33:12,450  
through so you have to be patient often

857  
00:33:16,610 --> 00:33:14,520  
we're disappointed too you know that

858  
00:33:18,260 --> 00:33:16,620  
yeah yeah they don't always like to take

859  
00:33:20,390 --> 00:33:18,270  
on the kind of work and targets that we

860  
00:33:21,590 --> 00:33:20,400  
do but then sometimes you know you do

861  
00:33:23,870 --> 00:33:21,600  
get lucky and they're the people with

862  
00:33:26,150 --> 00:33:23,880  
teeth so what would you recommend that

863  
00:33:28,250 --> 00:33:26,160

consumers watch out for obviously they

864

00:33:31,070 --> 00:33:28,260

should join choice well of joining

865

00:33:33,920 --> 00:33:31,080

choice does help what I tell you what my

866

00:33:36,650 --> 00:33:33,930

advice is use your intuition you know I

867

00:33:38,510 --> 00:33:36,660

think deep within all of us there are

868

00:33:39,980 --> 00:33:38,520

the warning bells that go off and we

869

00:33:43,250 --> 00:33:39,990

have very good detectors and you just

870

00:33:45,080 --> 00:33:43,260

need to keep those finely honed and such

871

00:33:46,730 --> 00:33:45,090

a cliché but it's you know it's that

872

00:33:48,650 --> 00:33:46,740

thing if it seems too good to be true it

873

00:33:51,050 --> 00:33:48,660

must be you know I'm afraid it's true

874

00:33:53,480 --> 00:33:51,060

but what people that happen is that

875

00:33:56,330 --> 00:33:53,490

they're their wish-fulfillment they

876

00:33:59,060 --> 00:33:56,340

believe that you know there is more to

877

00:34:01,040 --> 00:33:59,070

the spirit world or there is a chance of

878

00:34:03,140 --> 00:34:01,050

making a million bucks from 50 Cent's

879

00:34:05,060 --> 00:34:03,150

you know that actually will give

880

00:34:07,240 --> 00:34:05,070

away a few of the council yeah yeah it

881

00:34:11,390 --> 00:34:07,250

pushes away that sort of natural

882

00:34:13,640 --> 00:34:11,400

skepticism which we not only have but we

883

00:34:14,990 --> 00:34:13,650

need to foster and encourage not just

884

00:34:16,610 --> 00:34:15,000

win ourselves but others you know

885

00:34:19,100 --> 00:34:16,620

because skepticism was a good thing not

886

00:34:21,020 --> 00:34:19,110

don't take things face value necessary

887

00:34:22,610 --> 00:34:21,030

or more to the point know what you can

888

00:34:24,950 --> 00:34:22,620

take at face value you know what you

889

00:34:26,990 --> 00:34:24,960

can't and I suppose that would be my

890

00:34:28,640 --> 00:34:27,000

advice well Christopher what a pleasure

891

00:34:30,290 --> 00:34:28,650

it's been to come here and talk with you

892

00:34:33,020 --> 00:34:30,300

today Christopher's in the media

893

00:34:36,410 --> 00:34:33,030

spokesman for choice magazine and I can

894

00:34:38,060 --> 00:34:36,420

really recommend choice of WWE choice

895

00:34:39,530 --> 00:34:38,070

comdata you there's lots of good

896

00:34:41,600 --> 00:34:39,540

information on the website you can

897

00:34:44,450 --> 00:34:41,610

subscribe to the magazine and also get

898

00:34:46,460 --> 00:34:44,460

the magazine at news agencies oh yeah

899

00:34:47,870 --> 00:34:46,470

online is the big growth area online

900

00:34:49,520 --> 00:34:47,880

that's that the preference of course

901  
00:35:01,470 --> 00:34:49,530  
well Christopher soon thank you very

902  
00:35:06,580 --> 00:35:04,420  
are your friends telling you that your

903  
00:35:08,800 --> 00:35:06,590  
lack of a love life is because Mars

904  
00:35:11,380 --> 00:35:08,810  
isn't rising in the house of Jupiter and

905  
00:35:13,960 --> 00:35:11,390  
that it's just like a Sagittarius to

906  
00:35:16,330 --> 00:35:13,970  
question things of Suzanne Somers and

907  
00:35:18,700 --> 00:35:16,340  
Jenny McCarthy become the sole source of

908  
00:35:20,800 --> 00:35:18,710  
medical advice for your mother-in-law

909  
00:35:23,740 --> 00:35:20,810  
have you had to argue the fact that the

910  
00:35:26,140 --> 00:35:23,750  
efficacy of coffee enemas has not been

911  
00:35:28,720 --> 00:35:26,150  
proven by science as the use of the

912  
00:35:30,640 --> 00:35:28,730  
evolution is just a theory argument

913  
00:35:34,330 --> 00:35:30,650

driven you to the point of telling your

914

00:35:36,790 --> 00:35:34,340

co-workers to okay stop using gravity

915

00:35:38,940 --> 00:35:36,800

then as dealing with dowsers arguing

916

00:35:41,440 --> 00:35:38,950

with anti-vaxxers harping on homeopathy

917

00:35:43,600 --> 00:35:41,450

squirreling with collation squabbling

918

00:35:46,410 --> 00:35:43,610

with scientology and bickering with

919

00:35:52,150 --> 00:35:46,420

Bigfoot left you wondering what can I do

920

00:35:53,650 --> 00:35:52,160

to fight the wing then head on over to

921

00:35:58,359 --> 00:35:53,660

the James Randi Educational Foundation

922

00:36:00,910 --> 00:35:58,369

and ww Randy o RG and contribute to the

923

00:36:03,070 --> 00:36:00,920

season of recent fundraising campaign by

924

00:36:05,200 --> 00:36:03,080

clicking on the donate button every

925

00:36:07,810 --> 00:36:05,210

dollar you give helps fight whew the

926  
00:36:13,740 --> 00:36:07,820  
world over don't just get frustrated get

927  
00:36:15,220 --> 00:36:13,750  
involved donate at ww are a nd lorg

928  
00:36:20,230 --> 00:36:15,230  
channel

929  
00:36:22,180 --> 00:36:20,240  
oh that I do is see oh and now we bring

930  
00:36:25,120 --> 00:36:22,190  
you an interview conducted over 10 years

931  
00:36:27,790 --> 00:36:25,130  
ago by dr. Paul Willis with james randi

932  
00:36:45,460 --> 00:36:27,800  
the subject is very topical at the

933  
00:36:50,150 --> 00:36:47,930  
people affected by a serious disease

934  
00:36:52,849 --> 00:36:50,160  
illness or fauna and desperate for a

935  
00:36:55,339 --> 00:36:52,859  
solution a vulnerable to exploitation by

936  
00:36:56,930 --> 00:36:55,349  
quacks and charlatans this is the case

937  
00:36:59,509 --> 00:36:56,940  
for autistic children and their parents

938  
00:37:02,059 --> 00:36:59,519

and a technique called facilitated

939

00:37:03,740 --> 00:37:02,069

communication this technique came under

940

00:37:05,720 --> 00:37:03,750

the skeptical eye of magician James

941

00:37:07,309 --> 00:37:05,730

Randi and he witnessed a number of

942

00:37:09,710 --> 00:37:07,319

autistic children who could not

943

00:37:10,960 --> 00:37:09,720

communicate with the outside world and

944

00:37:13,490 --> 00:37:10,970

yet the facilitating communication

945

00:37:16,069 --> 00:37:13,500

people tell us that these people have

946

00:37:18,440 --> 00:37:16,079

great poets and they can do mathematics

947

00:37:20,420 --> 00:37:18,450

and make them write essays and session

948

00:37:23,180 --> 00:37:20,430

and the way they do it is to sit before

949

00:37:24,950 --> 00:37:23,190

a communicator a keyboard or adjust a

950

00:37:29,000 --> 00:37:24,960

chart of alphabetic letters and numbers

951  
00:37:32,660 --> 00:37:29,010  
and the facilitated communicator holds

952  
00:37:35,059 --> 00:37:32,670  
on to the 15 kids hand the kid can be

953  
00:37:36,890 --> 00:37:35,069  
laying on the floor and they extend the

954  
00:37:39,650 --> 00:37:36,900  
arm up above the edge of the table and

955  
00:37:41,839 --> 00:37:39,660  
pack around on the keyboard or on the

956  
00:37:44,539 --> 00:37:41,849  
chart and the children are spelling out

957  
00:37:46,579 --> 00:37:44,549  
wonderful thing randy was invited to

958  
00:37:48,710 --> 00:37:46,589  
witness facilitated communication at

959  
00:37:51,650 --> 00:37:48,720  
work and investigate the possibility

960  
00:37:53,359 --> 00:37:51,660  
that autistic children a telepathic will

961  
00:37:56,299 --> 00:37:53,369  
call the facilitated communicator

962  
00:37:58,039 --> 00:37:56,309  
Lawrence I went there and I quote if you

963  
00:38:00,650 --> 00:37:58,049

satisfy me that facilitated

964

00:38:02,120 --> 00:38:00,660

communication actually does work then

965

00:38:03,920 --> 00:38:02,130

we'll talk about the possibility of

966

00:38:05,509 --> 00:38:03,930

telepathy general did there's no need to

967

00:38:08,359 --> 00:38:05,519

that mcready it works we know their

968

00:38:11,569 --> 00:38:08,369

works I made up before I went a bunch of

969

00:38:16,039 --> 00:38:11,579

cards with random words on the fastest

970

00:38:17,509 --> 00:38:16,049

car bowl cup and then with the slow day

971

00:38:19,460 --> 00:38:17,519

jus sittin there and with the child

972

00:38:21,349 --> 00:38:19,470

sitting there I reached in and took

973

00:38:23,809 --> 00:38:21,359

Leonard random turned it over if it said

974

00:38:27,170 --> 00:38:23,819

on it car and I would say to the child

975

00:38:29,690 --> 00:38:27,180

the word is cars CA our car and show the

976

00:38:31,849 --> 00:38:29,700

child the card I would say now I want

977

00:38:34,400 --> 00:38:31,859

you with in Florence's help would you

978

00:38:36,710 --> 00:38:34,410

type out the word current Clarence would

979

00:38:38,390 --> 00:38:36,720

take the hand and CA are I would come

980

00:38:40,190 --> 00:38:38,400

out on the take we do this eight or ten

981

00:38:41,900 --> 00:38:40,200

times and it would take now we're going

982

00:38:45,380 --> 00:38:41,910

to continue the experiment that's one

983

00:38:47,870 --> 00:38:45,390

change only I want Florence to leave the

984

00:38:50,029 --> 00:38:47,880

room for our challenge of 15 and then

985

00:38:51,980 --> 00:38:50,039

come back into the room so she'd leave

986

00:38:54,230 --> 00:38:51,990

the room and while she's out of the room

987

00:38:56,020 --> 00:38:54,240

I would select a card run say to the

988

00:38:59,890 --> 00:38:56,030

child the word is

989

00:39:01,960 --> 00:38:59,900

ask it bas ke t basket for I should go

990

00:39:07,180 --> 00:39:01,970

back into the room and guess what the

991

00:39:09,640 --> 00:39:07,190

child tight for man woman brother sister

992

00:39:12,040 --> 00:39:09,650

and when I said no I'm sorry all of

993

00:39:13,330 --> 00:39:12,050

those were wrong the facility looked out

994

00:39:15,580 --> 00:39:13,340

at the keyboard with a determined look

995

00:39:17,890 --> 00:39:15,590

on her face and using the child can type

996

00:39:19,570 --> 00:39:17,900

that a method which read approximately I

997

00:39:21,490 --> 00:39:19,580

don't like this man from Florida

998

00:39:23,530 --> 00:39:21,500

florencia he's tried to take you away

999

00:39:25,630 --> 00:39:23,540

from me you're my only connection with

1000

00:39:29,110 --> 00:39:25,640

the world of course he send him away

1001  
00:39:30,790 --> 00:39:29,120  
he's a very bad man now I don't think

1002  
00:39:32,950 --> 00:39:30,800  
that Florence think that she is doing

1003  
00:39:35,080 --> 00:39:32,960  
the Tigers I honestly think that

1004  
00:39:37,450 --> 00:39:35,090  
flourished believe but the child is

1005  
00:39:40,270 --> 00:39:37,460  
doing the Titan I was hope that the

1006  
00:39:42,610 --> 00:39:40,280  
father of this little boy and Egyptian

1007  
00:39:45,370 --> 00:39:42,620  
deciding to mr. Randy I'm not a cow from

1008  
00:39:48,010 --> 00:39:45,380  
the expired that will have new ph DS but

1009  
00:39:50,020 --> 00:39:48,020  
these people did and they tell me that

1010  
00:39:52,270 --> 00:39:50,030  
they're helping me and I don't know what

1011  
00:39:55,090 --> 00:39:52,280  
to say I took them by the hand and I

1012  
00:39:56,890 --> 00:39:55,100  
said get out of it it's not working your

1013  
00:39:58,780 --> 00:39:56,900

child is not communicating with you and

1014

00:40:00,580 --> 00:39:58,790

the tears came up in his eyes he said

1015

00:40:02,980 --> 00:40:00,590

yes I've known that for a long time but

1016

00:40:05,470 --> 00:40:02,990

I can't accept it we've been trying to

1017

00:40:07,360 --> 00:40:05,480

reach our travel for 78 years now it

1018

00:40:16,930 --> 00:40:07,370

just can't do it and I thought this was

1019

00:40:23,180 --> 00:40:21,080

hi everyone this is andy Kaiser Richard

1020

00:40:25,310 --> 00:40:23,190

Saunders was nice enough to let me

1021

00:40:27,680 --> 00:40:25,320

interrupt the skeptic zone to tell you

1022

00:40:30,490 --> 00:40:27,690

about another gust of wind in the

1023

00:40:33,530 --> 00:40:30,500

maelstrom of worldwide critical thought

1024

00:40:36,020 --> 00:40:33,540

digital bits skeptic is a podcast

1025

00:40:38,420 --> 00:40:36,030

dedicated to skepticism and critical

1026  
00:40:41,350 --> 00:40:38,430  
thinking in our world of New Age

1027  
00:40:44,600 --> 00:40:41,360  
religion and credulous pop culture I

1028  
00:40:47,030 --> 00:40:44,610  
myself write a few articles but most are

1029  
00:40:49,910 --> 00:40:47,040  
written by everyone else and they're

1030  
00:40:52,640 --> 00:40:49,920  
paid for that effort if you're an expert

1031  
00:40:54,410 --> 00:40:52,650  
in your field if you need a forum or if

1032  
00:40:57,020 --> 00:40:54,420  
you want to make an impact on not just

1033  
00:41:00,710 --> 00:40:57,030  
the skeptical community but the world at

1034  
00:41:02,540 --> 00:41:00,720  
large I'd like to talk to you or if you

1035  
00:41:05,560 --> 00:41:02,550  
just like to listen to a quality

1036  
00:41:10,610 --> 00:41:05,570  
skeptical minded podcast that's great to

1037  
00:41:19,980 --> 00:41:10,620  
find digital bit skeptic at wwd be

1038  
00:41:32,200 --> 00:41:23,380

join us now for drinking skeptically in

1039

00:41:34,240 --> 00:41:32,210

the think tank well from the back room

1040

00:41:37,600 --> 00:41:34,250

of the downstairs area in a forgotten

1041

00:41:39,940 --> 00:41:37,610

corner with dying vending machines and

1042

00:41:44,920 --> 00:41:39,950

Hogan machines it's the think tank

1043

00:41:47,980 --> 00:41:44,930

cheers everybody excuse me click it over

1044

00:41:50,680 --> 00:41:47,990

your head or something poor on imaginary

1045

00:41:52,240 --> 00:41:50,690

glass I have what an interesting week

1046

00:41:53,980 --> 00:41:52,250

it's mean and skepticism ladies and

1047

00:41:55,210 --> 00:41:53,990

gentlemen and I'd like to kick off

1048

00:41:58,600 --> 00:41:55,220

straight away with that very interesting

1049

00:42:01,990 --> 00:41:58,610

and bizarre story of that man in Belgium

1050

00:42:06,430 --> 00:42:02,000

who has apparently been in a coma for 20

1051  
00:42:07,870 --> 00:42:06,440  
30 years and it seems all the reports

1052  
00:42:09,880 --> 00:42:07,880  
would have us believe that he's been

1053  
00:42:12,450 --> 00:42:09,890  
quite conscious throughout that whole

1054  
00:42:16,090 --> 00:42:12,460  
period and just sort of trapped in this

1055  
00:42:17,830 --> 00:42:16,100  
terrible situation that's what I thought

1056  
00:42:19,780 --> 00:42:17,840  
when I originally heard the story I

1057  
00:42:21,760 --> 00:42:19,790  
thought that was that's what they were

1058  
00:42:25,300 --> 00:42:21,770  
reporting somehow this guy it didn't

1059  
00:42:28,450 --> 00:42:25,310  
cross my mind until I read James Randy's

1060  
00:42:30,280 --> 00:42:28,460  
comments on this issue and then I saw

1061  
00:42:32,710 --> 00:42:30,290  
the video and it was quite clear that

1062  
00:42:36,310 --> 00:42:32,720  
well to my eyes at least into Randy's

1063  
00:42:38,170 --> 00:42:36,320

eyes I guess that the helper was

1064

00:42:41,590 --> 00:42:38,180

actually directing this poor fellow's

1065

00:42:43,840 --> 00:42:41,600

hand two words out on the on the

1066

00:42:46,990 --> 00:42:43,850

keyboard on the computer system they're

1067

00:42:49,450 --> 00:42:47,000

using let me direct listeners straight

1068

00:42:51,340 --> 00:42:49,460

away to an interview that was conducted

1069

00:42:54,130 --> 00:42:51,350

with james randi about this very very

1070

00:42:56,560 --> 00:42:54,140

phenomenon called Susilo tenant

1071

00:42:58,720 --> 00:42:56,570

communication thank you facilitated

1072

00:43:00,610 --> 00:42:58,730

communication of pasties with artistic

1073

00:43:02,850 --> 00:43:00,620

and the autistic children that's right

1074

00:43:10,300 --> 00:43:02,860

was used with autistic people and

1075

00:43:17,640 --> 00:43:10,310

listeners can go to ww ABC net a you /

1076  
00:43:23,410 --> 00:43:17,650  
science / co RR e ex corrects / archives

1077  
00:43:25,090 --> 00:43:23,420  
/ f a CC 0 m dot HTM I'll put that on

1078  
00:43:26,870 --> 00:43:25,100  
the show Jim think that any more

1079  
00:43:29,089 --> 00:43:26,880  
difficult I did

1080  
00:43:32,029 --> 00:43:29,099  
that was the link that was go to Google

1081  
00:43:37,999 --> 00:43:32,039  
search for the correct files and type in

1082  
00:43:40,549 --> 00:43:38,009  
Randy and facilitate things right now

1083  
00:43:45,759 --> 00:43:40,559  
and get the typing target the coma guy

1084  
00:43:50,299 --> 00:43:45,769  
is going like this I didn't say that fun

1085  
00:43:57,769 --> 00:43:50,309  
and i forgot to welcome ever tactful dr.

1086  
00:44:00,589 --> 00:43:57,779  
Reiter welcome dr. H E yes my fishy to

1087  
00:44:04,309 --> 00:44:00,599  
me to sleep not at the moment and

1088  
00:44:07,400 --> 00:44:04,319

welcome Joe Benna mu who actually flew

1089

00:44:09,920 --> 00:44:07,410

back to Australia yes I did Richard it

1090

00:44:11,599 --> 00:44:09,930

lovings at alarming speed now you were

1091

00:44:12,799 --> 00:44:11,609

supposed to be overseas right now I was

1092

00:44:15,529 --> 00:44:12,809

supposed to be in London right now

1093

00:44:18,200 --> 00:44:15,539

unfortunately that part of Maya Oh tease

1094

00:44:20,299 --> 00:44:18,210

taunt fell through but I'm still going

1095

00:44:21,109 --> 00:44:20,309

to be going to New York so I am very

1096

00:44:22,609 --> 00:44:21,119

much looking forward to hopefully

1097

00:44:24,980 --> 00:44:22,619

meeting up with some of the New York

1098

00:44:26,960 --> 00:44:24,990

skeptics I know Mario's looking bored

1099

00:44:30,620 --> 00:44:26,970

yes obviously mari el and hopefully

1100

00:44:33,140 --> 00:44:30,630

George crab as well and yeah that should

1101

00:44:35,299 --> 00:44:33,150

be excellent but I'm here now so and

1102

00:44:37,099 --> 00:44:35,309

welcome to Iran's again thank you

1103

00:44:38,980 --> 00:44:37,109

Richard and thank you for the grain of

1104

00:44:43,069 --> 00:44:38,990

salt last week with that interesting

1105

00:44:44,779 --> 00:44:43,079

adventure through Noah's Ark Wow for

1106

00:44:46,549 --> 00:44:44,789

giraffes were there in there right well

1107

00:44:49,819 --> 00:44:46,559

actually later noticed that there were

1108

00:44:52,009 --> 00:44:49,829

actually four of most of the larger

1109

00:44:54,980 --> 00:44:52,019

animals so they were actually also for

1110

00:44:57,859 --> 00:44:54,990

elephants and for rhinos they were thing

1111

00:45:00,140 --> 00:44:57,869

is that there were two on the platform

1112

00:45:02,480 --> 00:45:00,150

leading out of the ark they were

1113

00:45:05,269 --> 00:45:02,490

actually coming out of the ark and in

1114

00:45:06,680 --> 00:45:05,279

two more so to two of each there and two

1115

00:45:08,990 --> 00:45:06,690

more in another area of the god in the

1116

00:45:11,390 --> 00:45:09,000

giraffes stood out because they are

1117

00:45:14,180 --> 00:45:11,400

you've seen the book because it because

1118

00:45:15,829 --> 00:45:14,190

they're evil but also because they could

1119

00:45:17,809 --> 00:45:15,839

be seen did you know they were able

1120

00:45:21,499 --> 00:45:17,819

because of big otays no because there

1121

00:45:23,539 --> 00:45:21,509

were four so I had to be good anyway

1122

00:45:26,599 --> 00:45:23,549

does anybody else have a comment about

1123

00:45:28,519 --> 00:45:26,609

this situation yes um I have a comment

1124

00:45:31,759 --> 00:45:28,529

and Joe and I were discussing this just

1125

00:45:33,470 --> 00:45:31,769

earlier and you mentioned that on the

1126  
00:45:36,200 --> 00:45:33,480  
news reports that we saw in Australia

1127  
00:45:38,420 --> 00:45:36,210  
they showed his carer actually taking

1128  
00:45:40,240 --> 00:45:38,430  
his hand and typing keys on a computer

1129  
00:45:41,890 --> 00:45:40,250  
yeah but

1130  
00:45:43,780 --> 00:45:41,900  
the report that I saw recently and Joe

1131  
00:45:47,770 --> 00:45:43,790  
saw this as well was that apparently a

1132  
00:45:50,470 --> 00:45:47,780  
doctor had given him a PET scan PT and

1133  
00:45:52,540 --> 00:45:50,480  
near T skin and had noticed that he had

1134  
00:45:55,140 --> 00:45:52,550  
more activity in his brain than was

1135  
00:45:58,300 --> 00:45:55,150  
previously thought and for that reason

1136  
00:46:01,570 --> 00:45:58,310  
they thought that he was conscious so

1137  
00:46:03,340 --> 00:46:01,580  
I'm not sure if they're typing was

1138  
00:46:05,890 --> 00:46:03,350

actually the only way they diagnosed it

1139

00:46:08,050 --> 00:46:05,900

but I have to say it looked preposterous

1140

00:46:10,900 --> 00:46:08,060

it'll completely would look los tres and

1141

00:46:12,880 --> 00:46:10,910

I have to say you know I am I was quite

1142

00:46:15,550 --> 00:46:12,890

surprised I had not actually heard yet

1143

00:46:17,230 --> 00:46:15,560

that that James Randi had commented on

1144

00:46:19,750 --> 00:46:17,240

this and so on I've had my head in a

1145

00:46:21,970 --> 00:46:19,760

ditch for the last 24 hours but when I

1146

00:46:24,460 --> 00:46:21,980

spoke to everyone else and so this had

1147

00:46:27,780 --> 00:46:24,470

come up when I first read the article i

1148

00:46:29,590 --> 00:46:27,790

also thought like Richard gosh how

1149

00:46:31,390 --> 00:46:29,600

fascinating I've heard of locked-in

1150

00:46:33,820 --> 00:46:31,400

syndrome and you know I thought well

1151  
00:46:35,830 --> 00:46:33,830  
this must be something like this the

1152  
00:46:38,220 --> 00:46:35,840  
minute I saw the video I immediately

1153  
00:46:41,200 --> 00:46:38,230  
thought on my goodness this is

1154  
00:46:42,790 --> 00:46:41,210  
facilitated communication what what was

1155  
00:46:44,200 --> 00:46:42,800  
particularly preposterous is that this

1156  
00:46:46,150 --> 00:46:44,210  
actually points where this woman is

1157  
00:46:48,520 --> 00:46:46,160  
holding his hand where his eyes are

1158  
00:46:51,430 --> 00:46:48,530  
closed yes yes Randy makes that point

1159  
00:46:53,680 --> 00:46:51,440  
it's quite it's quite horrifying it's

1160  
00:46:55,780 --> 00:46:53,690  
really awful to see really really ah but

1161  
00:46:57,940 --> 00:46:55,790  
if there's voluntary control of the eyes

1162  
00:46:59,830 --> 00:46:57,950  
then there's there's ways of finding out

1163  
00:47:02,470 --> 00:46:59,840

you can ask us questions and say blink

1164

00:47:05,350 --> 00:47:02,480

once why some years that's how

1165

00:47:08,080 --> 00:47:05,360

communication with patients with the

1166

00:47:10,240 --> 00:47:08,090

locked-in syndrome is usually conducted

1167

00:47:11,980 --> 00:47:10,250

yeah I think some of the tips that it

1168

00:47:14,920 --> 00:47:11,990

might be facilitated communication are

1169

00:47:17,470 --> 00:47:14,930

also that now he's saying that he used

1170

00:47:19,330 --> 00:47:17,480

to speak four languages and he can he

1171

00:47:20,860 --> 00:47:19,340

can do it again now that he's woken up

1172

00:47:22,720 --> 00:47:20,870

before he had the car accident that's

1173

00:47:23,890 --> 00:47:22,730

how he got into the vegetative state he

1174

00:47:25,750 --> 00:47:23,900

could speak four languages he's now

1175

00:47:26,890 --> 00:47:25,760

saying he can do that again he's saying

1176

00:47:29,620 --> 00:47:26,900

that he's going to write a book about

1177

00:47:31,650 --> 00:47:29,630

his experiences that he's going to go

1178

00:47:33,700 --> 00:47:31,660

back to university all this stuff that

1179

00:47:36,370 --> 00:47:33,710

really doesn't sound like it's coming

1180

00:47:39,600 --> 00:47:36,380

from him you know it sounds like it's

1181

00:47:42,370 --> 00:47:39,610

the the ideas of the help of the carer

1182

00:47:45,220 --> 00:47:42,380

it's actually that would be particularly

1183

00:47:46,780 --> 00:47:45,230

easy to test because sport are the four

1184

00:47:47,849 --> 00:47:46,790

languages and they say what the four

1185

00:47:50,279 --> 00:47:47,859

languages is

1186

00:47:53,160 --> 00:47:50,289

then there's the care then you say just

1187

00:47:55,170 --> 00:47:53,170

pick a random word in you know common

1188

00:47:56,880 --> 00:47:55,180

random word from these four languages so

1189

00:47:58,950 --> 00:47:56,890

how do you say this in French German

1190

00:48:01,380 --> 00:47:58,960

Spanish in English Yeah Yeah right are

1191

00:48:03,529 --> 00:48:01,390

there any sick days like this tests you

1192

00:48:05,549 --> 00:48:03,539

know in the care of obviously you know

1193

00:48:06,989 --> 00:48:05,559

she wouldn't be a kid she gonna be

1194

00:48:09,989 --> 00:48:06,999

working as a carriage and you fall in

1195

00:48:17,819 --> 00:48:09,999

languages i suppose but uh huh ah no

1196

00:48:19,410 --> 00:48:17,829

points game so it is i think it's ii

1197

00:48:21,089 --> 00:48:19,420

would be quite a simple test to conduct

1198

00:48:23,039 --> 00:48:21,099

and i think i know what the results map

1199

00:48:24,870 --> 00:48:23,049

I mean once again this is an example of

1200

00:48:27,029 --> 00:48:24,880

credulous news reporting isn't it it's a

1201

00:48:29,400 --> 00:48:27,039

little bit like what we saw last week

1202

00:48:32,220 --> 00:48:29,410

with the Desiree Jenny Jennings story

1203

00:48:37,620 --> 00:48:32,230

the fox news story my head exploded Joe

1204

00:48:39,120 --> 00:48:37,630

oh yeah mine stolen pieces on actually

1205

00:48:41,809 --> 00:48:39,130

I'm glad you raised that is reg ending

1206

00:48:44,039 --> 00:48:41,819

story because I I had an interesting

1207

00:48:47,130 --> 00:48:44,049

discussion with the colleague of mine

1208

00:48:50,839 --> 00:48:47,140

who gave me permission to tell you all

1209

00:48:54,269 --> 00:48:50,849

about this we were talking about the

1210

00:48:57,150 --> 00:48:54,279

swine flu vaccine h1n one vaccine and

1211

00:48:58,739 --> 00:48:57,160

she was saying that her her boyfriend

1212

00:49:01,170 --> 00:48:58,749

had said that he didn't want her to get

1213

00:49:03,559 --> 00:49:01,180

it because he was a bit worried about

1214

00:49:07,229 --> 00:49:03,569

this girl that they'd seen who had

1215

00:49:08,579 --> 00:49:07,239

become paralyzed from the vaccine and it

1216

00:49:10,890 --> 00:49:08,589

was just a whole it was a bit of a

1217

00:49:14,190 --> 00:49:10,900

mishmash of of what we had already bout

1218

00:49:16,620 --> 00:49:14,200

Desiree Jennings and you know these

1219

00:49:19,950 --> 00:49:16,630

sheets she's a nurse and her boyfriend

1220

00:49:22,970 --> 00:49:19,960

and were both actually very very sort of

1221

00:49:27,420 --> 00:49:22,980

willing to the scientific evidence and

1222

00:49:31,200 --> 00:49:27,430

and very actually probe vaccination but

1223

00:49:32,700 --> 00:49:31,210

it was simply a result of the scare as a

1224

00:49:34,589 --> 00:49:32,710

result of the Desiree Jennings story

1225

00:49:36,359 --> 00:49:34,599

then they both felt that there was

1226  
00:49:38,819 --> 00:49:36,369  
something to be worried about and and

1227  
00:49:40,349 --> 00:49:38,829  
and it had made them alarmed at the

1228  
00:49:42,479 --> 00:49:40,359  
thought of getting the vaccine I must

1229  
00:49:45,029 --> 00:49:42,489  
say that this is actually chose that the

1230  
00:49:46,920 --> 00:49:45,039  
condition actually that it actually does

1231  
00:49:48,660 --> 00:49:46,930  
happen because Desiree's Jennings

1232  
00:49:53,910 --> 00:49:48,670  
condition is a psychological one and

1233  
00:49:57,779 --> 00:49:53,920  
here's another psychologically the Fox

1234  
00:49:59,549 --> 00:49:57,789  
story Iran on the on her recovery on no

1235  
00:50:01,739 --> 00:49:59,559  
oh

1236  
00:50:04,380 --> 00:50:01,749  
if listeners haven't seen that sorry I

1237  
00:50:07,439 --> 00:50:04,390  
just want to say something I do not wach

1238  
00:50:09,179 --> 00:50:07,449

Fox choice this is the research you

1239

00:50:13,469 --> 00:50:09,189

really know you really should see it

1240

00:50:14,969 --> 00:50:13,479

because I watch a lot of weight all

1241

00:50:16,559 --> 00:50:14,979

right you can have the week off thank

1242

00:50:18,900 --> 00:50:16,569

you but if listeners haven't seen it

1243

00:50:21,959 --> 00:50:18,910

please just do a search for Fox News and

1244

00:50:23,370 --> 00:50:21,969

Desiree Jennings and you will you won't

1245

00:50:26,370 --> 00:50:23,380

believe what you see you won't believe

1246

00:50:27,870 --> 00:50:26,380

the credulity of the report it's all the

1247

00:50:30,239 --> 00:50:27,880

nonsense that you could possibly ever

1248

00:50:31,829 --> 00:50:30,249

hear they throw in Jenny McCarthy

1249

00:50:35,029 --> 00:50:31,839

they're throwing Jim Carrey they throw

1250

00:50:38,339 --> 00:50:35,039

in Generation Rescue they throw in

1251  
00:50:40,079 --> 00:50:38,349  
collation they throw in alternative

1252  
00:50:42,749 --> 00:50:40,089  
medicine is curing it what is me as a

1253  
00:50:46,650 --> 00:50:42,759  
doctor butter yeah yeah that's his name

1254  
00:50:49,439 --> 00:50:46,660  
who is being investigated treating her

1255  
00:50:52,699 --> 00:50:49,449  
yeah he's being investigated for serious

1256  
00:50:56,120 --> 00:50:52,709  
breaches of clinical practices etc and

1257  
00:50:59,219 --> 00:50:56,130  
they say that it's evidence that

1258  
00:51:01,140 --> 00:50:59,229  
alternative medicine works it's it's so

1259  
00:51:03,660 --> 00:51:01,150  
bad that I used to swear word on Twitter

1260  
00:51:05,459 --> 00:51:03,670  
and I never uses on Twitter and my

1261  
00:51:08,099 --> 00:51:05,469  
followers would know it was a bad four

1262  
00:51:12,509 --> 00:51:08,109  
letter word so have a little swimming on

1263  
00:51:15,539 --> 00:51:12,519

Twitter this week and I never crash okay

1264

00:51:18,499 --> 00:51:15,549

why did you say ready to ship nothing

1265

00:51:22,319 --> 00:51:18,509

surprises me the word or worse like what

1266

00:51:24,689 --> 00:51:22,329

poop poop yes I've been actually just on

1267

00:51:27,870 --> 00:51:24,699

on that note the UM the very special

1268

00:51:31,169 --> 00:51:27,880

episode of SGU that just came out on the

1269

00:51:36,259 --> 00:51:31,179

h1n1 vaccine a very very good um

1270

00:51:40,609 --> 00:51:36,269

discussion between Steve novella and num

1271

00:51:42,779 --> 00:51:40,619

job each other beats and my chrysalis oh

1272

00:51:46,109 --> 00:51:42,789

yeah that was a good episode I enjoyed

1273

00:51:48,630 --> 00:51:46,119

that I using joyous to you mmm I'm

1274

00:51:50,459 --> 00:51:48,640

wearing this shirt in fact you can't see

1275

00:51:52,559 --> 00:51:50,469

wearing a big skeptics guide to the

1276

00:51:54,630 --> 00:51:52,569

universe it's a very 70s looking yes to

1277

00:51:56,880 --> 00:51:54,640

you TJ you should have ammo for Movember

1278

00:52:00,179 --> 00:51:56,890

to go this is the shirt designed by

1279

00:52:02,759 --> 00:52:00,189

Ricky cabana boys universe in Australia

1280

00:52:05,429 --> 00:52:02,769

oh yeah yeah okay now pretty cool now

1281

00:52:07,019 --> 00:52:05,439

can we talk about the opposite of what

1282

00:52:09,710 --> 00:52:07,029

we just talked about and that is good

1283

00:52:12,720 --> 00:52:09,720

news reporting in the mainstream media

1284

00:52:14,550 --> 00:52:12,730

there's a journalist who writes for the

1285

00:52:17,700 --> 00:52:14,560

Fairfax press here in Australia his

1286

00:52:20,130 --> 00:52:17,710

name's Nick Miller and if you wanna he's

1287

00:52:23,010 --> 00:52:20,140

actually on Twitter his a twitter name

1288

00:52:25,470 --> 00:52:23,020

is nick d miller and he wrote a story

1289

00:52:30,120 --> 00:52:25,480

this week about the risks of getting

1290

00:52:32,670 --> 00:52:30,130

quack stem cell therapy for very huge

1291

00:52:34,080 --> 00:52:32,680

for huge amounts of money in foreign

1292

00:52:35,609 --> 00:52:34,090

countries and Joey's got it in front of

1293

00:52:38,970 --> 00:52:35,619

her Joe can you tell us a little bit

1294

00:52:41,970 --> 00:52:38,980

about what's in the story hmm so this is

1295

00:52:44,220 --> 00:52:41,980

something that I've heard discussed in a

1296

00:52:47,640 --> 00:52:44,230

number of science-based podcasts over

1297

00:52:51,780 --> 00:52:47,650

the last year or so you know with with

1298

00:52:53,940 --> 00:52:51,790

the popularity of stem cell research and

1299

00:52:57,540 --> 00:52:53,950

all the possibilities that we see with

1300

00:52:59,430 --> 00:52:57,550

stem cells of course there have been a

1301  
00:53:02,580 --> 00:52:59,440  
lot of crack therapies that have come

1302  
00:53:04,410 --> 00:53:02,590  
out a lot of private clinics who are

1303  
00:53:08,040 --> 00:53:04,420  
claiming to be able to treat everything

1304  
00:53:11,520 --> 00:53:08,050  
from Alzheimer's to cancer in all sorts

1305  
00:53:15,000 --> 00:53:11,530  
of conditions and so this report from

1306  
00:53:19,800 --> 00:53:15,010  
Nick Miller is raising a couple of cases

1307  
00:53:22,380 --> 00:53:19,810  
where they've been suspected cancers

1308  
00:53:25,200 --> 00:53:22,390  
that have developed as a result of these

1309  
00:53:27,000 --> 00:53:25,210  
stem cell treatments now there are a

1310  
00:53:32,370 --> 00:53:27,010  
couple of very very interesting comments

1311  
00:53:34,740 --> 00:53:32,380  
in the article 11 of the things that he

1312  
00:53:37,560 --> 00:53:34,750  
he writes about is the fact that many

1313  
00:53:40,200 --> 00:53:37,570

most of these clinics have virtually no

1314

00:53:43,290 --> 00:53:40,210

published clinical proof of their

1315

00:53:46,410 --> 00:53:43,300

efficacy and they promote themselves

1316

00:53:49,020 --> 00:53:46,420

through the usual testimonials and you

1317

00:53:50,700 --> 00:53:49,030

know glossy web sites and so on and

1318

00:53:56,070 --> 00:53:50,710

something that I just thought was very

1319

00:53:59,970 --> 00:53:56,080

pertinent was a hematologist from one of

1320

00:54:04,079 --> 00:53:59,980

the reputable research centers was

1321

00:54:06,900 --> 00:54:04,089

quoted as saying that a gentleman who

1322

00:54:08,310 --> 00:54:06,910

had a Queensland man had paid forty

1323

00:54:12,329 --> 00:54:08,320

thousand dollars for a treatment at a

1324

00:54:13,650 --> 00:54:12,339

private German clinic and that she said

1325

00:54:15,780 --> 00:54:13,660

that this was a treatment that was the

1326  
00:54:16,890 --> 00:54:15,790  
most open mind you not think that this

1327  
00:54:19,200 --> 00:54:16,900  
treatment would help him in any way

1328  
00:54:20,760 --> 00:54:19,210  
whatsoever but she specifically said

1329  
00:54:22,350 --> 00:54:20,770  
that they'll take his money and not do

1330  
00:54:24,690 --> 00:54:22,360  
anything to look after him when he lay

1331  
00:54:27,480 --> 00:54:24,700  
use that if we practice a treatment like

1332  
00:54:28,860 --> 00:54:27,490  
that we would be disbarred and you know

1333  
00:54:30,210 --> 00:54:28,870  
this again raises all these issues of

1334  
00:54:32,340 --> 00:54:30,220  
how these people are able to carry out

1335  
00:54:35,820 --> 00:54:32,350  
these treatments with no consequences

1336  
00:54:38,280 --> 00:54:35,830  
and and you know at no standards of

1337  
00:54:41,940 --> 00:54:38,290  
evidence and they will and no follow-up

1338  
00:54:44,900 --> 00:54:41,950

so it's a very good article and um

1339

00:54:47,310 --> 00:54:44,910

doctors in these clinics that the

1340

00:54:49,370 --> 00:54:47,320

supposedly professionals I think that

1341

00:54:51,900 --> 00:54:49,380

was one of them just falling over out

1342

00:54:55,110 --> 00:54:51,910

what's going on about the quarter um

1343

00:54:56,760 --> 00:54:55,120

they don't they don't just diskant

1344

00:54:58,740 --> 00:54:56,770

discuss that specifically of what the

1345

00:55:00,840 --> 00:54:58,750

qualifications are people offering the

1346

00:55:02,910 --> 00:55:00,850

treatments he doesn't really go into

1347

00:55:06,000 --> 00:55:02,920

that he just really talks about what

1348

00:55:07,860 --> 00:55:06,010

they offer and you know you know the

1349

00:55:11,430 --> 00:55:07,870

lack of follow-up and so on one of the

1350

00:55:12,660 --> 00:55:11,440

cases they highlight is the specific

1351  
00:55:14,340 --> 00:55:12,670  
case that they were talking about was a

1352  
00:55:15,900 --> 00:55:14,350  
man who developed leukemia following

1353  
00:55:17,900 --> 00:55:15,910  
this therapy and they said that it was

1354  
00:55:20,780 --> 00:55:17,910  
very difficult to prove a definite

1355  
00:55:24,240 --> 00:55:20,790  
causative link between them but

1356  
00:55:27,960 --> 00:55:24,250  
apparently there is reported a case

1357  
00:55:29,880 --> 00:55:27,970  
report of an Israeli teenager who

1358  
00:55:32,580 --> 00:55:29,890  
developed brain tumors from experimental

1359  
00:55:35,040 --> 00:55:32,590  
stem cell injections at a Russian clinic

1360  
00:55:39,600 --> 00:55:35,050  
grand this has been you know very well

1361  
00:55:40,710 --> 00:55:39,610  
documented so you know as I said that he

1362  
00:55:41,880 --> 00:55:40,720  
doesn't discuss specifically the

1363  
00:55:44,070 --> 00:55:41,890

qualifications but there's definitely

1364

00:55:46,650 --> 00:55:44,080

documented evidence I think there's well

1365

00:55:49,560 --> 00:55:46,660

do we have to be very cautious that

1366

00:55:54,180 --> 00:55:49,570

thing to not take these cases even the

1367

00:55:56,450 --> 00:55:54,190

case of that brain tumors as evidence

1368

00:55:59,730 --> 00:55:56,460

that it causes any harm the thing is

1369

00:56:02,760 --> 00:55:59,740

treatment should not be provided without

1370

00:56:05,000 --> 00:56:02,770

evidence of efficacy and safety and here

1371

00:56:07,470 --> 00:56:05,010

these are treatments there haven't been

1372

00:56:09,150 --> 00:56:07,480

proven to be either education so safe

1373

00:56:11,130 --> 00:56:09,160

and here they are just being bandied

1374

00:56:12,900 --> 00:56:11,140

about I think that's that's the most I

1375

00:56:14,550 --> 00:56:12,910

think this is really interesting to Iran

1376

00:56:16,890 --> 00:56:14,560

because only a week prior to this

1377

00:56:19,410 --> 00:56:16,900

article coming out there was a story on

1378

00:56:21,330 --> 00:56:19,420

channel seven on the show sunday night

1379

00:56:23,840 --> 00:56:21,340

which sometimes does good things they

1380

00:56:27,750 --> 00:56:23,850

actually expose some of the anti-vaxxers

1381

00:56:30,480 --> 00:56:27,760

back in the early in the year but they

1382

00:56:32,370 --> 00:56:30,490

did a story on autism and they covered

1383

00:56:34,440 --> 00:56:32,380

three families there were seeking three

1384

00:56:35,750 --> 00:56:34,450

different forms of treatment one of

1385

00:56:37,610 --> 00:56:35,760

which was this

1386

00:56:39,440 --> 00:56:37,620

he was so desperate she took her 12 year

1387

00:56:42,320 --> 00:56:39,450

old son to China to get stem cell

1388

00:56:45,500 --> 00:56:42,330

therapy and they covered their sinan was

1389

00:56:47,930 --> 00:56:45,510

the condition autism autism yes for

1390

00:56:50,870 --> 00:56:47,940

autism yeah of course there's no

1391

00:56:52,760 --> 00:56:50,880

evidence it once again but they kind of

1392

00:56:55,490 --> 00:56:52,770

I'm not a scientist so that there's

1393

00:56:58,310 --> 00:56:55,500

things i can say that scientists can to

1394

00:57:02,630 --> 00:56:58,320

have a very strong feeling that he can't

1395

00:57:06,140 --> 00:57:02,640

work yes you yet use stem cells to

1396

00:57:08,360 --> 00:57:06,150

replace Charles brain know that the

1397

00:57:10,280 --> 00:57:08,370

basis for the for the quackery is that

1398

00:57:12,140 --> 00:57:10,290

the stem cells will seek out the area

1399

00:57:14,560 --> 00:57:12,150

that needs repair and then go there

1400

00:57:16,820 --> 00:57:14,570

basic structural form it's not damaged

1401

00:57:18,260 --> 00:57:16,830

that's irrelevant in this case its

1402

00:57:19,880 --> 00:57:18,270

twenty thousand dollars just don't ask

1403

00:57:21,890 --> 00:57:19,890

you know yeah but the way that this

1404

00:57:25,070 --> 00:57:21,900

story was covered by channel 7 and shame

1405

00:57:28,280 --> 00:57:25,080

on them was there was a couple of things

1406

00:57:30,860 --> 00:57:28,290

that really got my goat and one of them

1407

00:57:32,930 --> 00:57:30,870

was the reporter said that they would

1408

00:57:35,090 --> 00:57:32,940

remove stem cells from the boys own body

1409

00:57:37,070 --> 00:57:35,100

and then re-inject them and then they

1410

00:57:39,380 --> 00:57:37,080

would inject stem cells from Chinese

1411

00:57:42,500 --> 00:57:39,390

babies and then they went to the next

1412

00:57:44,480 --> 00:57:42,510

part of the story and so I was sitting

1413

00:57:47,090 --> 00:57:44,490

in front of my television going excuse

1414

00:57:50,060 --> 00:57:47,100

me jaw hitting the floor stem cells from

1415

00:57:52,070 --> 00:57:50,070

Chinese babies of what I mean where do

1416

00:57:53,660 --> 00:57:52,080

these come from do you just go and

1417

00:57:55,280 --> 00:57:53,670

harvest some babies off the street I

1418

00:57:57,890 --> 00:57:55,290

mean there are too many people inside it

1419

00:57:59,780 --> 00:57:57,900

anyway right so this was not even

1420

00:58:01,370 --> 00:57:59,790

mentioned he didn't say anything it was

1421

00:58:03,680 --> 00:58:01,380

that was the that was it cuz they're

1422

00:58:06,500 --> 00:58:03,690

Chinese babies well maybe that's the

1423

00:58:08,390 --> 00:58:06,510

case well you mean the researcher or the

1424

00:58:11,300 --> 00:58:08,400

writers just written this not girls at

1425

00:58:14,330 --> 00:58:11,310

the thought that was it and there was

1426

00:58:17,270 --> 00:58:14,340

another faily faily part two years there

1427

00:58:21,230 --> 00:58:17,280

was another one of the families their

1428

00:58:24,290 --> 00:58:21,240

son is undergoing a clinical trial for a

1429

00:58:27,820 --> 00:58:24,300

hormone called oxytocin which the the

1430

00:58:30,470 --> 00:58:27,830

child is actually getting nasally and

1431

00:58:33,680 --> 00:58:30,480

this is a double-blind crossover trial

1432

00:58:35,960 --> 00:58:33,690

currently happening in Sydney and later

1433

00:58:37,370 --> 00:58:35,970

on when they'd filmed the boy undergoing

1434

00:58:38,570 --> 00:58:37,380

the treatment they went back to his

1435

00:58:40,520 --> 00:58:38,580

house with him and then they said to him

1436

00:58:45,500 --> 00:58:40,530

also how do you feel now that you're

1437

00:58:48,740 --> 00:58:45,510

taking the oxytocin and I won't fail the

1438

00:58:49,490 --> 00:58:48,750

boys in a random blind crossover trial

1439

00:58:54,170 --> 00:58:49,500

he's

1440

00:58:56,990 --> 00:58:54,180

and so they kind of unblinded the trial

1441

00:58:59,930 --> 00:58:57,000

wellness unless I mean how would they

1442

00:59:01,220 --> 00:58:59,940

know though if you paid online hey nice

1443

00:59:03,440 --> 00:59:01,230

maybe they don't know they probably

1444

00:59:05,090 --> 00:59:03,450

don't know and it may be a maybe it

1445

00:59:08,120 --> 00:59:05,100

maybe he could he could be on either

1446

00:59:10,310 --> 00:59:08,130

group yeah no they're not even right no

1447

00:59:12,530 --> 00:59:10,320

we don't that the point is they failed

1448

00:59:14,060 --> 00:59:12,540

you know I mean obviously have no

1449

00:59:16,760 --> 00:59:14,070

understanding of how science waste all

1450

00:59:18,590 --> 00:59:16,770

so I was very pleased when Nick Miller

1451

00:59:20,960 --> 00:59:18,600

wrote this article a week later and

1452

00:59:22,340 --> 00:59:20,970

actually got it right because I was

1453

00:59:24,790 --> 00:59:22,350

hitting my head against the wall at

1454

00:59:26,530 --> 00:59:24,800

mines going what are you people doing

1455

00:59:28,820 --> 00:59:26,540

remember you said earlier about

1456

00:59:31,040 --> 00:59:28,830

credulous reporting by the person I was

1457

00:59:33,680 --> 00:59:31,050

thinking really kick craziness report I

1458

00:59:35,270 --> 00:59:33,690

never just about to ask you why you've

1459

00:59:37,520 --> 00:59:35,280

got that bandage on your head but now I

1460

00:59:39,170 --> 00:59:37,530

know it's been a bad week started with

1461

00:59:41,360 --> 00:59:39,180

pops on Saturday morning and then just

1462

00:59:44,240 --> 00:59:41,370

went down hill so thank you Nick Miller

1463

00:59:47,440 --> 00:59:44,250

Adobe let me just mention and I won't

1464

00:59:50,930 --> 00:59:47,450

dwell on this because our good friend

1465

00:59:53,830 --> 00:59:50,940

Jason over at the nonsense podcast will

1466

00:59:57,860 --> 00:59:53,840

be covering this for each year and I

1467

01:00:00,980 --> 00:59:57,870

went to see the performance or the

1468

01:00:07,730 --> 01:00:00,990

speech the talk I mean of a animal

1469

01:00:09,860 --> 01:00:07,740

telepath hmm do you want me to comment

1470

01:00:13,850 --> 01:00:09,870

on that in case you need to let me hear

1471

01:00:16,030 --> 01:00:13,860

that I just did yeah right you like

1472

01:00:19,880 --> 01:00:16,040

thats where where I used on Twitter yeah

1473

01:00:22,270 --> 01:00:19,890

yeah please go and subscribe to the

1474

01:00:25,220 --> 01:00:22,280

nonsense podcast look for it on itunes

1475

01:00:27,620 --> 01:00:25,230

we run ads for it but what Rachel I

1476

01:00:32,360 --> 01:00:27,630

comment on that podcast cuz we were

1477

01:00:35,630 --> 01:00:32,370

there and they request oh boy imagine

1478

01:00:37,640 --> 01:00:35,640

listeners imagine the looniest people

1479

01:00:40,190 --> 01:00:37,650

you can find and put them all in one

1480

01:00:42,620 --> 01:00:40,200

room and shut the door and sit there for

1481

01:00:44,660 --> 01:00:42,630

90 minutes and see how you can when when

1482

01:00:49,730 --> 01:00:44,670

when you told me that it was worse than

1483

01:00:52,580 --> 01:00:49,740

the bogan psychic it was it was the

1484

01:00:54,230 --> 01:00:52,590

bogus psychic iCarly said put them all

1485

01:00:55,030 --> 01:00:54,240

in the room a lot i just broke thinking

1486

01:00:58,960 --> 01:00:55,040

of

1487

01:01:00,460 --> 01:00:58,970

and saying getting the sack it was

1488

01:01:03,100 --> 01:01:00,470

something else believing it was

1489

01:01:05,140 --> 01:01:03,110

something um now I've noticed lately

1490

01:01:07,150 --> 01:01:05,150

that there's an interesting sites been

1491

01:01:08,890 --> 01:01:07,160

reviewing our podcast and lots of other

1492

01:01:11,530 --> 01:01:08,900

skeptical podcasts that sites called

1493

01:01:14,260 --> 01:01:11,540

Rachel it's called The Skeptical review

1494

01:01:18,100 --> 01:01:14,270

yeah and it's dub dub dub skip review

1495

01:01:20,380 --> 01:01:18,110

com and I really enjoy reading what what

1496

01:01:21,910 --> 01:01:20,390

other people think about our podcast I

1497

01:01:23,350 --> 01:01:21,920

mean we get a lot of letters from our

1498

01:01:25,990 --> 01:01:23,360

listeners which is really great and

1499

01:01:27,550 --> 01:01:26,000

they're full of very kind things but to

1500

01:01:29,320 --> 01:01:27,560

see something published on the internet

1501  
01:01:31,390 --> 01:01:29,330  
about our podcast another podcast earth

1502  
01:01:32,920 --> 01:01:31,400  
I find it is quite invaluable it's about

1503  
01:01:34,660 --> 01:01:32,930  
it on the internet so it must be true it

1504  
01:01:36,610 --> 01:01:34,670  
must be true it's a very nice site he

1505  
01:01:38,650 --> 01:01:36,620  
does a great job with it it's Nigel that

1506  
01:01:42,400 --> 01:01:38,660  
runs the Sun isn't it yeah Nigel sent

1507  
01:01:44,470 --> 01:01:42,410  
Whitehall hmm well cheers and thank you

1508  
01:01:48,520 --> 01:01:44,480  
very much we're not buttering up to you

1509  
01:01:53,200 --> 01:01:48,530  
or anything but keep you just gave the

1510  
01:01:57,340 --> 01:01:53,210  
game away now be honest be honest all

1511  
01:01:59,100 --> 01:01:57,350  
right oh now this is interesting now

1512  
01:02:02,590 --> 01:01:59,110  
what you're holding up there Joe is us

1513  
01:02:04,090 --> 01:02:02,600

is a scan of a pamphlet that somebody

1514

01:02:06,220 --> 01:02:04,100

actually ripped up and threw in the bin

1515

01:02:09,550 --> 01:02:06,230

yes what about one of our listeners Ryan

1516

01:02:10,600 --> 01:02:09,560

sent this in to me and in fact it's

1517

01:02:12,910 --> 01:02:10,610

quite funny because you can actually see

1518

01:02:14,680 --> 01:02:12,920

the chair Markstrom I ripped it up in a

1519

01:02:17,980 --> 01:02:14,690

rage and smell all back together before

1520

01:02:19,510 --> 01:02:17,990

sending it to me okay so he was really

1521

01:02:21,700 --> 01:02:19,520

concerned about this because you know

1522

01:02:26,590 --> 01:02:21,710

we've spoken a lot about homeopathic pro

1523

01:02:29,830 --> 01:02:26,600

homeo prophylaxis or the belief that you

1524

01:02:32,680 --> 01:02:29,840

can vaccinate with water and sugar pills

1525

01:02:36,370 --> 01:02:32,690

yeah so what r I was very concerned

1526

01:02:39,790 --> 01:02:36,380

about is this this company that is

1527

01:02:43,780 --> 01:02:39,800

promoting a homeopathic vaccination for

1528

01:02:45,640 --> 01:02:43,790

pets yeah and they say that it's a

1529

01:02:48,280 --> 01:02:45,650

natural alternative to vaccinations

1530

01:02:50,080 --> 01:02:48,290

heartworm tick bite and prevention tick

1531

01:02:52,720 --> 01:02:50,090

paralysis snakebite multi wormer

1532

01:02:57,820 --> 01:02:52,730

allergen immune for all types of insect

1533

01:03:00,490 --> 01:02:57,830

bites and reactions and the cacica the

1534

01:03:03,790 --> 01:03:00,500

company name yeah so the company is

1535

01:03:06,910 --> 01:03:03,800

called natural pet Ock's got a second

1536

01:03:08,920 --> 01:03:06,920

rachel what you know how we work this

1537

01:03:11,380 --> 01:03:08,930

pet psychic we went to San all psychic

1538

01:03:13,180 --> 01:03:11,390

was that animal limb yes right and i'ma

1539

01:03:15,579 --> 01:03:13,190

liberation and all liberation in cydia

1540

01:03:18,160 --> 01:03:15,589

oh oh they would think about offering

1541

01:03:19,900 --> 01:03:18,170

water to animals and said well worming

1542

01:03:21,190 --> 01:03:19,910

tablets remember when we got in there

1543

01:03:23,349 --> 01:03:21,200

and the doors were closed and the

1544

01:03:26,079 --> 01:03:23,359

outlets were sealed and we were stuck

1545

01:03:28,180 --> 01:03:26,089

there I turned around and I yelped

1546

01:03:31,420 --> 01:03:28,190

almost because there was a video

1547

01:03:35,500 --> 01:03:31,430

cassette on the shelf called vaccination

1548

01:03:38,109 --> 01:03:35,510

the whole truth and at the end I got up

1549

01:03:42,579 --> 01:03:38,119

and I looked at it and it was Isaac

1550

01:03:45,039 --> 01:03:42,589

golden oh no and varus right now amongst

1551

01:03:47,740 --> 01:03:45,049

others so well yeah and this is an

1552

01:03:50,410 --> 01:03:47,750

animal liberation yeah so they would

1553

01:03:52,870 --> 01:03:50,420

probably condone this well um possibly

1554

01:03:56,140 --> 01:03:52,880

well I wonder what Alice think I would

1555

01:03:59,740 --> 01:03:56,150

think of you know people like that using

1556

01:04:01,809 --> 01:03:59,750

the mommy's book in there as the name of

1557

01:04:04,180 --> 01:04:01,819

their organization well these people

1558

01:04:06,190 --> 01:04:04,190

were really extreme actually and the

1559

01:04:08,250 --> 01:04:06,200

thing sorry to interrupt I just just add

1560

01:04:11,049 --> 01:04:08,260

that the thing that concerned me

1561

01:04:13,089 --> 01:04:11,059

particularly about them is that these

1562

01:04:15,880 --> 01:04:13,099

people really do care about animals and

1563

01:04:19,569 --> 01:04:15,890

I'm an animal lover myself but they're

1564

01:04:21,280 --> 01:04:19,579

wasting all their time your attention

1565

01:04:22,750 --> 01:04:21,290

please runs and gets the curses busted

1566

01:04:26,020 --> 01:04:22,760

apart department is going to ask free

1567

01:04:31,569 --> 01:04:26,030

HBO quarter part kmc ash free ash gourd

1568

01:04:33,849 --> 01:04:31,579

Omaha can see if I'm you thank you so

1569

01:04:35,500 --> 01:04:33,859

you're saying no you were making a face

1570

01:04:37,990 --> 01:04:35,510

as if I love animals because I can eat

1571

01:04:39,940 --> 01:04:38,000

them and that's not what I meant however

1572

01:04:41,920 --> 01:04:39,950

I won't deny that no but they are tasty

1573

01:04:43,990 --> 01:04:41,930

and delicious but I can't eat a whole

1574

01:04:45,460 --> 01:04:44,000

one but the thing is these people are

1575

01:04:47,829 --> 01:04:45,470

obviously very dedicated and passionate

1576

01:04:49,809 --> 01:04:47,839

about animals but why the hell are they

1577

01:04:52,359 --> 01:04:49,819

wasting their time and the resources of

1578

01:04:54,549 --> 01:04:52,369

people that give the money on having

1579

01:04:56,170 --> 01:04:54,559

seminars about explaining how their dog

1580

01:04:59,440 --> 01:04:56,180

can tell them that they want to curry

1581

01:05:01,299 --> 01:04:59,450

for dinner tonight the curry she did she

1582

01:05:05,500 --> 01:05:01,309

said and she also said she talks to dead

1583

01:05:08,800 --> 01:05:05,510

cows yeah but my sister talk to those

1584

01:05:15,520 --> 01:05:13,810

Oh too well done my sisters heavily

1585

01:05:17,560 --> 01:05:15,530

involved in the greyhound rescue program

1586

01:05:20,110 --> 01:05:17,570

in Australia and I was telling her about

1587

01:05:22,150 --> 01:05:20,120

it and and she had the same opinion was

1588

01:05:23,680 --> 01:05:22,160

why do these people not direct the

1589

01:05:26,500 --> 01:05:23,690

energies into something useful instead

1590

01:05:29,140 --> 01:05:26,510

of sitting around and saying yes a cow

1591

01:05:31,060 --> 01:05:29,150

in France told me it was in distress so

1592

01:05:33,370 --> 01:05:31,070

I got on a plane that went there that's

1593

01:05:35,590 --> 01:05:33,380

true amazing it's the same reason that

1594

01:05:37,810 --> 01:05:35,600

people who have some serious illnesses

1595

01:05:39,760 --> 01:05:37,820

waste their time going to quacks instead

1596

01:05:42,370 --> 01:05:39,770

of going to doctors same reason these

1597

01:05:43,780 --> 01:05:42,380

people are do not have effects and

1598

01:05:48,010 --> 01:05:43,790

they're loaded maybe so to believe

1599

01:05:50,260 --> 01:05:48,020

comforting yeah anyway just to wrap up

1600

01:05:52,060 --> 01:05:50,270

on this one so the Alister was

1601  
01:05:54,070 --> 01:05:52,070  
particularly concerned because with

1602  
01:05:55,690 --> 01:05:54,080  
things like tick paralysis is snake bite

1603  
01:05:57,880 --> 01:05:55,700  
of course these are medical emergencies

1604  
01:05:59,290 --> 01:05:57,890  
for animals and yeah so you know this is

1605  
01:06:01,090 --> 01:05:59,300  
very worrying that people would be going

1606  
01:06:03,070 --> 01:06:01,100  
to these alternatives but what he did

1607  
01:06:04,480 --> 01:06:03,080  
find out and this is quite useful for

1608  
01:06:06,250 --> 01:06:04,490  
our listeners is if you are concerned

1609  
01:06:09,730 --> 01:06:06,260  
about something a product like this that

1610  
01:06:11,440 --> 01:06:09,740  
is being promoted for animals you can

1611  
01:06:13,740 --> 01:06:11,450  
report it to the Australian pesticides

1612  
01:06:19,810 --> 01:06:13,750  
and veterinary medicines authority at

1613  
01:06:21,610 --> 01:06:19,820

www ap VMA ova you are we doing that he

1614

01:06:25,240 --> 01:06:21,620

is he is excellent and probably the

1615

01:06:26,950 --> 01:06:25,250

RSPCA to yet actually I should alert dr.

1616

01:06:28,750 --> 01:06:26,960

Alex Lucas who I interviewed a couple of

1617

01:06:31,390 --> 01:06:28,760

weeks ago he's working on designing a

1618

01:06:33,940 --> 01:06:31,400

vaccine for hookworm hmm he might just

1619

01:06:38,260 --> 01:06:33,950

use this is doing yes yes they've all

1620

01:06:41,950 --> 01:06:38,270

said all the work okay I have some good

1621

01:06:43,510 --> 01:06:41,960

news I've hopped on about religious

1622

01:06:46,780 --> 01:06:43,520

education in New South Wales schools in

1623

01:06:49,510 --> 01:06:46,790

the past and just to reiterate for those

1624

01:06:53,410 --> 01:06:49,520

who don't know the most public schools

1625

01:06:55,740 --> 01:06:53,420

in in New South Wales and and actually

1626  
01:06:58,960 --> 01:06:55,750  
across Australia have something called

1627  
01:07:00,790 --> 01:06:58,970  
religious education classes or sre which

1628  
01:07:02,980 --> 01:07:00,800  
is special religious education yeah a

1629  
01:07:04,330 --> 01:07:02,990  
lot of people also mr. all this country

1630  
01:07:06,880 --> 01:07:04,340  
is the common name for them in Scripture

1631  
01:07:09,010 --> 01:07:06,890  
yeah the official name is s re special

1632  
01:07:11,920 --> 01:07:09,020  
religious education in it's not about

1633  
01:07:13,600 --> 01:07:11,930  
religion these are these are half an

1634  
01:07:16,300 --> 01:07:13,610  
hour to an hour a week during which the

1635  
01:07:19,770 --> 01:07:16,310  
school authorities give the kids hand

1636  
01:07:21,630 --> 01:07:19,780  
the kids over to religious groups

1637  
01:07:24,690 --> 01:07:21,640  
mandated by the state

1638  
01:07:28,170 --> 01:07:24,700

and it's a half an hour to an hour a

1639

01:07:31,500 --> 01:07:28,180

week of indoctrination of the worst kind

1640

01:07:34,730 --> 01:07:31,510

in some cases there were cases that I

1641

01:07:37,380 --> 01:07:34,740

know where say kids in the Catholic

1642

01:07:40,680 --> 01:07:37,390

religious education were told by the nun

1643

01:07:42,299 --> 01:07:40,690

who teaches them that anybody who's not

1644

01:07:43,950 --> 01:07:42,309

Catholic is going to hell and the kids

1645

01:07:45,630 --> 01:07:43,960

have to be six-year-old kid who had to

1646

01:07:47,309 --> 01:07:45,640

be withdrawn because he was distressed

1647

01:07:50,579 --> 01:07:47,319

about his father who was not Catholic

1648

01:07:53,640 --> 01:07:50,589

did um so there's all kinds of things

1649

01:07:56,910 --> 01:07:53,650

like that the thing is that for a long

1650

01:07:59,099 --> 01:07:56,920

time the law in New South Wales dictated

1651  
01:08:01,799 --> 01:07:59,109  
that children who whose parents opted

1652  
01:08:03,539 --> 01:08:01,809  
them out of these classes shall go to

1653  
01:08:05,279 --> 01:08:03,549  
the library and do nothing at all

1654  
01:08:06,390 --> 01:08:05,289  
they're not even allowed to read school

1655  
01:08:07,799 --> 01:08:06,400  
books they're allowed to read other

1656  
01:08:09,029 --> 01:08:07,809  
books but they're not allowed to do any

1657  
01:08:10,410 --> 01:08:09,039  
work you're not allowed to study

1658  
01:08:12,839 --> 01:08:10,420  
anything alternative the whole idea is

1659  
01:08:14,670 --> 01:08:12,849  
of course if you give them the law

1660  
01:08:16,470 --> 01:08:14,680  
basically gives the kids to an hour for

1661  
01:08:17,999 --> 01:08:16,480  
an hour to religious groups they will

1662  
01:08:21,599 --> 01:08:18,009  
obviously know what any meaningful

1663  
01:08:23,280 --> 01:08:21,609

competition so so that was that's been

1664

01:08:26,849 --> 01:08:23,290

the law for a long time and recently

1665

01:08:28,680 --> 01:08:26,859

this same forgot the name of the year to

1666

01:08:32,280 --> 01:08:28,690

second i will pause this for a second

1667

01:08:36,090 --> 01:08:32,290

this practice so recently this in james

1668

01:08:38,430 --> 01:08:36,100

ethics centre started a campaign to have

1669

01:08:41,370 --> 01:08:38,440

an alternative in the shape of an ethics

1670

01:08:43,430 --> 01:08:41,380

class during that time but the idea is

1671

01:08:45,329 --> 01:08:43,440

that there's nothing you know if the

1672

01:08:48,120 --> 01:08:45,339

religious groups are saying that they're

1673

01:08:50,729 --> 01:08:48,130

teaching children ethics and morals in

1674

01:08:52,140 --> 01:08:50,739

the in that case why not just teach them

1675

01:08:53,849 --> 01:08:52,150

ethics and morals directly rather than

1676

01:08:56,280 --> 01:08:53,859

through the existence or lack of

1677

01:08:59,090 --> 01:08:56,290

existence of a supreme being of some

1678

01:09:04,740 --> 01:08:59,100

sort that that was quite a fight and

1679

01:09:06,749 --> 01:09:04,750

just I think was yesterday the Premier

1680

01:09:07,919 --> 01:09:06,759

of New South Wales Nathan Rees it's

1681

01:09:09,899 --> 01:09:07,929

announced that the government will now

1682

01:09:12,800 --> 01:09:09,909

allow a trial of an ethics course in 10

1683

01:09:17,550 --> 01:09:12,810

primary schools over two terms next year

1684

01:09:18,899 --> 01:09:17,560

I'm extremely pleased of course I don't

1685

01:09:21,990 --> 01:09:18,909

think it should have been a trial but I

1686

01:09:24,329 --> 01:09:22,000

understand how these things work I'm

1687

01:09:26,939 --> 01:09:24,339

fairly sure that if it's just 10 you

1688

01:09:30,090 --> 01:09:26,949

know the greatest arm conveyors of

1689

01:09:32,519 --> 01:09:30,100

ethics education will be chosen to a

1690

01:09:34,229 --> 01:09:32,529

teacher those ten schools and I'm sure

1691

01:09:38,220 --> 01:09:34,239

will be a great success and that will

1692

01:09:40,229 --> 01:09:38,230

to a real good alternative to kids whose

1693

01:09:41,910 --> 01:09:40,239

parents do not want to send them to

1694

01:09:44,759 --> 01:09:41,920

religiously begin classes so that's a

1695

01:09:47,039 --> 01:09:44,769

great win for reason and that's

1696

01:09:50,279 --> 01:09:47,049

fantastic news yeah great news it was

1697

01:09:52,439 --> 01:09:50,289

looking a little bit um I don't know

1698

01:09:54,330 --> 01:09:52,449

grim when it first came up a few weeks

1699

01:09:56,790 --> 01:09:54,340

ago there was immediately opposition

1700

01:09:58,620 --> 01:09:56,800

from the young the I think one of the

1701

01:10:01,069 --> 01:09:58,630

Catholic organizations well actually it

1702

01:10:03,330 --> 01:10:01,079

was more than that it turns out that the

1703

01:10:06,060 --> 01:10:03,340

sort of the i'm not sure what they're

1704

01:10:07,799 --> 01:10:06,070

called but it was a the group within the

1705

01:10:10,439 --> 01:10:07,809

department of education that's very

1706

01:10:12,750 --> 01:10:10,449

responsible for for religious education

1707

01:10:15,000 --> 01:10:12,760

for that time there are all religious

1708

01:10:16,200 --> 01:10:15,010

people and there are the ones who is

1709

01:10:18,959 --> 01:10:16,210

supposed to be the guardians of that

1710

01:10:20,430 --> 01:10:18,969

time and therefore they have the mandate

1711

01:10:23,479 --> 01:10:20,440

to say whether it's going to happen or

1712

01:10:27,000 --> 01:10:23,489

not and they objected on the grounds of

1713

01:10:29,700 --> 01:10:27,010

there being no basis for ethics and

1714

01:10:31,950 --> 01:10:29,710

morals and other than through religion

1715

01:10:33,239 --> 01:10:31,960

and all kinds of stuff like that so it's

1716

01:10:35,520 --> 01:10:33,249

a little bit of a self-fulfilling

1717

01:10:37,799 --> 01:10:35,530

prophecy so in other words will give

1718

01:10:40,140 --> 01:10:37,809

religious instruction the other children

1719

01:10:42,810 --> 01:10:40,150

don't get anything because well you know

1720

01:10:44,100 --> 01:10:42,820

they if they can't do our classes then

1721

01:10:45,689 --> 01:10:44,110

they're not going through anything and

1722

01:10:47,520 --> 01:10:45,699

therefore they won't be taught any

1723

01:10:48,660 --> 01:10:47,530

morals and ethics and see we're right if

1724

01:10:51,899 --> 01:10:48,670

you don't have religion you've got no

1725

01:10:54,359 --> 01:10:51,909

morals and ethics so they it's just

1726

01:10:56,399 --> 01:10:54,369

obviously a ridiculous and it's so it's

1727

01:10:58,109 --> 01:10:56,409

protecting you know protecting their

1728

01:11:00,390 --> 01:10:58,119

turf i completely understand i just

1729

01:11:02,220 --> 01:11:00,400

don't accept and i'm glad that this is

1730

01:11:03,989 --> 01:11:02,230

you know it's still a small win at this

1731

01:11:05,939 --> 01:11:03,999

stage because it's just a trial in some

1732

01:11:09,540 --> 01:11:05,949

sort of two terms it's only ten schools

1733

01:11:11,759 --> 01:11:09,550

but I'm it's it's the door is opened the

1734

01:11:13,350 --> 01:11:11,769

door is opened and I think that's that's

1735

01:11:14,609 --> 01:11:13,360

a great way it seems ridiculous to me

1736

01:11:16,919 --> 01:11:14,619

that this would even have to go to this

1737

01:11:18,390 --> 01:11:16,929

stage i agree but but the other thing

1738

01:11:21,959 --> 01:11:18,400

that this leaves open now is a great

1739

01:11:24,989 --> 01:11:21,969

pool of subjects for a big study right

1740

01:11:27,299 --> 01:11:24,999

so can we take the kids that sat in the

1741

01:11:29,310 --> 01:11:27,309

garden and drew roses and then take the

1742

01:11:32,129 --> 01:11:29,320

kids that did the classes and do a study

1743

01:11:36,109 --> 01:11:32,139

done downstream and see who's got the

1744

01:11:39,470 --> 01:11:36,119

the worst record for lack of ethics amor

1745

01:11:42,299 --> 01:11:39,480

we've got the sample there right mmm

1746

01:11:44,110 --> 01:11:42,309

nice we're doing someone apply for a

1747

01:11:48,680 --> 01:11:44,120

growth yeah

1748

01:11:50,810 --> 01:11:48,690

now we are all looking forward to the

1749

01:11:52,460 --> 01:11:50,820

next few days in fact as you're

1750

01:11:55,610 --> 01:11:52,470

listening to this we may well be in

1751

01:11:57,710 --> 01:11:55,620

Brisbane at the Australian skeptics

1752

01:12:02,780 --> 01:11:57,720

national convention this weekend in fact

1753

01:12:06,230 --> 01:12:02,790

the 20 28 and 29 yes yes saturday and

1754

01:12:12,200 --> 01:12:06,240

sunday yes briz skepticon that's right

1755

01:12:16,670 --> 01:12:12,210

that's a just rolls off will be selfish

1756

01:12:19,550 --> 01:12:16,680

Asia switch yes and next week on the

1757

01:12:24,950 --> 01:12:19,560

show you'll hear very very good news a

1758

01:12:27,920 --> 01:12:24,960

very young amazing news next convention

1759

01:12:30,340 --> 01:12:27,930

here in Australia November 2010 mm-hmm

1760

01:12:33,440 --> 01:12:30,350

stay tuned a very interesting exciting

1761

01:12:37,760 --> 01:12:33,450

okay uh was another item in the news

1762

01:12:40,460 --> 01:12:37,770

today and that is the son of the person

1763

01:12:42,800 --> 01:12:40,470

who designed the Opera House isn't it

1764

01:12:44,840 --> 01:12:42,810

the son's name is Jonathan he's a he's

1765

01:12:47,570 --> 01:12:44,850

an architect himself and he's now in

1766

01:12:48,680 --> 01:12:47,580

Australia designing some renovations and

1767

01:12:50,810 --> 01:12:48,690

changes that are going to be made to the

1768

01:12:52,280 --> 01:12:50,820

Opera House and not sure why is that

1769

01:12:55,030 --> 01:12:52,290

important but he's important enough for

1770

01:13:01,010 --> 01:12:55,040

the Sydney Morning Herald to report that

1771

01:13:04,850 --> 01:13:01,020

that he signed a petition to investigate

1772

01:13:07,130 --> 01:13:04,860

the September 11 conspiracy well to

1773

01:13:13,010 --> 01:13:07,140

investigate whether the supply or eleven

1774

01:13:14,930 --> 01:13:13,020

attack was was an inside job two

1775

01:13:18,110 --> 01:13:14,940

positives about that I I'm frankly I

1776

01:13:19,940 --> 01:13:18,120

don't really care what he thinks he's

1777

01:13:22,040 --> 01:13:19,950

not the only he's not he's not the only

1778

01:13:23,570 --> 01:13:22,050

nut at around and that that's that's

1779

01:13:26,210 --> 01:13:23,580

really fine but there's two things about

1780

01:13:28,460 --> 01:13:26,220

this article which I found interesting

1781

01:13:30,050 --> 01:13:28,470

one is that it starts with the following

1782

01:13:32,570 --> 01:13:30,060

paragraph it's short I'll read it as

1783

01:13:35,030 --> 01:13:32,580

conspiracy theories goes as sorry as

1784

01:13:37,340 --> 01:13:35,040

conspiracy theories go it is up there

1785

01:13:39,560 --> 01:13:37,350

with the CIA assassination of President

1786

01:13:42,620 --> 01:13:39,570

John John F Kennedy and the fake moon

1787

01:13:43,910 --> 01:13:42,630

landings so you know I'm glad that

1788

01:13:46,220 --> 01:13:43,920

they're cheering this year that's good

1789

01:13:50,390 --> 01:13:46,230

and it actually ends with also something

1790

01:13:52,900 --> 01:13:50,400

interesting that Mr Hudson said he

1791

01:13:55,430 --> 01:13:52,910

actually when he was contacted by the

1792

01:13:56,960 --> 01:13:55,440

but the journalist he said he had not

1793

01:13:57,320 --> 01:13:56,970

read any of the official reports and

1794

01:13:59,030 --> 01:13:57,330

therefore

1795

01:14:02,000 --> 01:13:59,040

did not regard himself as well informed

1796

01:14:05,990 --> 01:14:02,010

I think you're not well informed why are

1797

01:14:08,240 --> 01:14:06,000

you still a mission you comment yeah so

1798

01:14:09,710 --> 01:14:08,250

you know if I wouldn't sign a petition

1799

01:14:12,740 --> 01:14:09,720

about something I'm not informed about

1800

01:14:14,540 --> 01:14:12,750

but there's some people do yes but you

1801

01:14:17,600 --> 01:14:14,550

and your dad didn't design the Opera

1802

01:14:19,910 --> 01:14:17,610

House that's true all right well thanks

1803

01:14:22,790 --> 01:14:19,920

to Iran for coming along thank you and

1804

01:14:25,460 --> 01:14:22,800

thank you Joe thank you Richard I am

1805

01:14:28,220 --> 01:14:25,470

getting back to see ya and and I said I

1806

01:14:30,350 --> 01:14:28,230

won't be at bris skepticon however I

1807

01:14:32,540 --> 01:14:30,360

will be New York so you know if anyone

1808

01:14:34,040 --> 01:14:32,550

is around please find me on Twitter and

1809

01:14:36,440 --> 01:14:34,050

Joe been home who are you definitely

1810

01:14:39,170 --> 01:14:36,450

going I'm definitely going nothing will

1811

01:14:41,330 --> 01:14:39,180

stop me and thank you dr. Ishi once

1812

01:14:42,980 --> 01:14:41,340

again thank you Richard thank you and

1813

01:14:44,630 --> 01:14:42,990

until the next think tank in a couple of

1814

01:14:46,580 --> 01:14:44,640

weeks I guess or maybe even next week

1815

01:14:50,210 --> 01:14:46,590

i'm not sure depending on what we record

1816

01:14:52,640 --> 01:14:50,220

so on till then cheers everybody see my

1817

01:15:16,609 --> 01:14:52,650

imaginary class again very empty glasses

1818

01:15:16,619 --> 01:15:18,900

Oh

1819

01:15:24,090 --> 01:15:20,910

thank you for listening to this week's

1820

01:15:27,180 --> 01:15:24,100

episode of the skeptic zone those of you

1821

01:15:29,190 --> 01:15:27,190

in Newport Beach California you have the

1822

01:15:32,100 --> 01:15:29,200

opportunity to meet yours truly Richard

1823

01:15:36,750 --> 01:15:32,110

Saunders on the second of January where

1824

01:15:39,570 --> 01:15:36,760

i'll be at the Muldoon's irish pub 202

1825

01:15:42,960 --> 01:15:39,580

newport center drive newport beach from

1826

01:15:44,730 --> 01:15:42,970

7pm to 11pm i think there's some more

1827

01:15:47,640 --> 01:15:44,740

information on facebook about that or

1828

01:15:49,890 --> 01:15:47,650

you can just ask brian dunning until the

1829

01:15:52,140 --> 01:15:49,900

next episode of the skeptic zone this is

1830

01:15:57,600 --> 01:15:52,150

Richard Saunders signing off from Sydney

1831

01:16:01,860 --> 01:15:57,610

Australia you've been listening to the

1832

01:16:05,130 --> 01:16:01,870

skeptic zone visit our website at wwc a

1833

01:16:08,310 --> 01:16:05,140

petting zoo TV for comments contacts and