

**The Skeptic Zone**

**Show 238 - 12 May 2013**



**John Flansburgh**

1  
00:00:02,950 --> 00:00:01,510  
hey this is john plans because they

2  
00:00:10,629 --> 00:00:02,960  
might be giants and you're listening to

3  
00:00:27,189 --> 00:00:13,270  
welcome to the skeptic zone the podcast

4  
00:00:31,229 --> 00:00:29,589  
hello and welcome to the skeptic zone

5  
00:00:35,110 --> 00:00:31,239  
episode number

6  
00:00:36,630 --> 00:00:35,120  
238 for the 12th of may 2013 richard

7  
00:00:38,069 --> 00:00:36,640  
saunders here with you from sydney

8  
00:00:41,190 --> 00:00:38,079  
australia

9  
00:00:44,069 --> 00:00:41,200  
and yes later on in the show maynard

10  
00:00:47,110 --> 00:00:44,079  
interviews john flansberg from they

11  
00:00:48,709 --> 00:00:47,120  
might be giants they might be giants now

12  
00:00:50,470 --> 00:00:48,719  
this is a group

13  
00:00:52,310 --> 00:00:50,480

i know many of you are fans of they

14

00:00:55,189 --> 00:00:52,320

might be giants this is a group who

15

00:00:57,029 --> 00:00:55,199

strongly support science and later in

16

00:01:00,150 --> 00:00:57,039

the show we'll find out more with

17

00:01:02,549 --> 00:01:00,160

maynard's spooky action good on you they

18

00:01:04,310 --> 00:01:02,559

might be giants and after that interview

19

00:01:07,350 --> 00:01:04,320

we'll play the song from they might be

20

00:01:09,109 --> 00:01:07,360

giants science is real that's all coming

21

00:01:11,429 --> 00:01:09,119

up later in the show to kick off the

22

00:01:15,830 --> 00:01:11,439

show to kick off the show one of the

23

00:01:17,670 --> 00:01:15,840

best one of the best dr rachie reports i

24

00:01:19,109 --> 00:01:17,680

think we've ever had

25

00:01:23,270 --> 00:01:19,119

it's just

26

00:01:25,270 --> 00:01:23,280

richie discusses the latest goings-on

27

00:01:27,749 --> 00:01:25,280

with the avn as she normally does but

28

00:01:29,350 --> 00:01:27,759

this one is particularly good

29

00:01:31,510 --> 00:01:29,360

that's particularly good we're going to

30

00:01:33,350 --> 00:01:31,520

play clips from the floor of the new

31

00:01:36,390 --> 00:01:33,360

south wales parliament to see what the

32

00:01:37,749 --> 00:01:36,400

politicians from both sides of the house

33

00:01:40,310 --> 00:01:37,759

let's find out what they have to say

34

00:01:42,630 --> 00:01:40,320

about the australian vaccination network

35

00:01:45,830 --> 00:01:42,640

and maybe you can use this uh episode of

36

00:01:47,670 --> 00:01:45,840

the skeptic zone this dr raichi reports

37

00:01:49,749 --> 00:01:47,680

and play it to your local

38

00:01:51,590 --> 00:01:49,759

politician no matter where you are in

39

00:01:53,350 --> 00:01:51,600

the world this is what we're doing in

40

00:01:56,789 --> 00:01:53,360

australia

41

00:01:58,149 --> 00:01:56,799

let your local politicians know

42

00:01:59,109 --> 00:01:58,159

anyway i think you're going to really

43

00:02:02,230 --> 00:01:59,119

enjoy

44

00:02:04,069 --> 00:02:02,240

this dr richie reports

45

00:02:06,389 --> 00:02:04,079

and of course coming up a bit later in

46

00:02:08,710 --> 00:02:06,399

this week's show a week in science with

47

00:02:10,869 --> 00:02:08,720

our good friend dr paul willis from the

48

00:02:16,390 --> 00:02:10,879

royal institution of australia that's

49

00:02:20,150 --> 00:02:17,750

so much to get through on this week's

50

00:02:22,710 --> 00:02:20,160

show but before we get into the episode

51  
00:02:24,309 --> 00:02:22,720  
a little personal note from me

52  
00:02:26,070 --> 00:02:24,319  
when i was uh

53  
00:02:27,430 --> 00:02:26,080  
in the czech republic just recently at

54  
00:02:31,990 --> 00:02:27,440  
the wonderful

55  
00:02:34,710 --> 00:02:32,000  
um afo festival film festival in olomots

56  
00:02:36,949 --> 00:02:34,720  
i was doing lots of origami and i was

57  
00:02:39,589 --> 00:02:36,959  
doing a workshop and this

58  
00:02:41,670 --> 00:02:39,599  
this uh wonderful lady came up and

59  
00:02:43,750 --> 00:02:41,680  
thanked me very much and told me that

60  
00:02:46,070 --> 00:02:43,760  
she came from um

61  
00:02:48,470 --> 00:02:46,080  
sort of a school for special needs uh

62  
00:02:50,470 --> 00:02:48,480  
children in prague

63  
00:02:53,509 --> 00:02:50,480

that's quite quite interested to hear

64

00:02:56,070 --> 00:02:53,519

this so i gave her one of my dvds

65

00:02:57,830 --> 00:02:56,080

origami dvd with the

66

00:02:59,030 --> 00:02:57,840

how to make origami models and she was

67

00:03:04,550 --> 00:02:59,040

so

68

00:03:06,470 --> 00:03:04,560

myself wow that's really great and um

69

00:03:07,350 --> 00:03:06,480

you know it's nice to think that maybe

70

00:03:13,750 --> 00:03:07,360

the

71

00:03:15,589 --> 00:03:13,760

and it's just reminded me that yes

72

00:03:18,630 --> 00:03:15,599

i've got this dvd i made with my good

73

00:03:19,750 --> 00:03:18,640

friend gary clark who also makes origami

74

00:03:22,470 --> 00:03:19,760

it's called

75

00:03:24,550 --> 00:03:22,480

dvd origami it's still on sale if you'd

76

00:03:27,270 --> 00:03:24,560

like to buy a copy there are 20 models

77

00:03:29,190 --> 00:03:27,280

all step by step over two hours of

78

00:03:31,190 --> 00:03:29,200

instructions and you can make dinosaurs

79

00:03:32,710 --> 00:03:31,200

and boats and horses and hats and birds

80

00:03:36,350 --> 00:03:32,720

and all sorts of things

81

00:03:39,509 --> 00:03:36,360

if you're interested please visit

82

00:03:40,309 --> 00:03:39,519

[www.maximedia](http://www.maximedia) that's m a x

83

00:03:46,550 --> 00:03:40,319

i

84

00:03:48,710 --> 00:03:46,560

slash

85

00:03:50,229 --> 00:03:48,720

dvd hyphen

86

00:03:55,030 --> 00:03:50,239

origami

87

00:03:56,869 --> 00:03:55,040

media or something like that anyway if

88

00:03:57,990 --> 00:03:56,879

you enjoy origami i think you'll enjoy

89

00:03:59,670 --> 00:03:58,000

that uh

90

00:04:01,830 --> 00:03:59,680

that dvd

91

00:04:19,110 --> 00:04:01,840

but for now let's get into this week's

92

00:04:26,469 --> 00:04:22,069

now it's time for dr rachie reports with

93

00:04:30,230 --> 00:04:28,629

hello listeners and welcome to dr reggie

94

00:04:31,990 --> 00:04:30,240

reports

95

00:04:34,469 --> 00:04:32,000

well some of you may have seen my talk

96

00:04:36,230 --> 00:04:34,479

at qed recently in manchester and before

97

00:04:39,030 --> 00:04:36,240

i get into this week's report i want to

98

00:04:41,510 --> 00:04:39,040

say thanks to everyone who i met at qed

99

00:04:44,390 --> 00:04:41,520

and especially to the organizers so

100

00:04:47,030 --> 00:04:44,400

accurately i did talk about the efforts

101  
00:04:48,950 --> 00:04:47,040  
by australian skeptics and also

102  
00:04:50,710 --> 00:04:48,960  
just a bunch of ruffians if you like

103  
00:04:52,710 --> 00:04:50,720  
known as stop the australian vaccination

104  
00:04:54,870 --> 00:04:52,720  
network or savn

105  
00:04:57,510 --> 00:04:54,880  
and how our work or grassroots

106  
00:05:00,070 --> 00:04:57,520  
campaigning has affected the reputation

107  
00:05:02,070 --> 00:05:00,080  
of the australian vaccination network

108  
00:05:04,390 --> 00:05:02,080  
well in the last week or so i was

109  
00:05:06,790 --> 00:05:04,400  
extremely surprised and very pleased to

110  
00:05:09,909 --> 00:05:06,800  
see one of our local newspapers

111  
00:05:12,790 --> 00:05:09,919  
put forth a campaign called no jab no

112  
00:05:15,590 --> 00:05:12,800  
play this is murdoch run press and they

113  
00:05:17,029 --> 00:05:15,600

decided to dedicate a whole week to

114

00:05:19,670 --> 00:05:17,039

exposing the dangers of the

115

00:05:22,150 --> 00:05:19,680

anti-vaccination movement and calling on

116

00:05:24,150 --> 00:05:22,160

the government to bring in legislation

117

00:05:25,909 --> 00:05:24,160

to ban unvaccinated children from

118

00:05:28,310 --> 00:05:25,919

attending child care

119

00:05:30,310 --> 00:05:28,320

and also to close the loophole that

120

00:05:32,390 --> 00:05:30,320

allows parents who don't vaccinate to

121

00:05:34,469 --> 00:05:32,400

still receive the family tax benefit

122

00:05:37,189 --> 00:05:34,479

associated with completing the childhood

123

00:05:38,790 --> 00:05:37,199

immunisation schedule

124

00:05:41,110 --> 00:05:38,800

now of course as you can imagine the

125

00:05:43,029 --> 00:05:41,120

anti-vaxxer's heads exploded at this

126

00:05:45,749 --> 00:05:43,039

because it was a week of relentless

127

00:05:47,909 --> 00:05:45,759

campaigning by the murdoch press

128

00:05:49,990 --> 00:05:47,919

of course the usual canads were rolled

129

00:05:51,990 --> 00:05:50,000

out including things such as murdoch has

130

00:05:53,909 --> 00:05:52,000

somehow a link to big pharma or is

131

00:05:55,510 --> 00:05:53,919

sponsored by pfizer

132

00:05:57,350 --> 00:05:55,520

as well as the standard sort of it's a

133

00:05:59,510 --> 00:05:57,360

conspiracy and this is suppressing our

134

00:06:00,950 --> 00:05:59,520

human rights and freedom of speech etc

135

00:06:02,870 --> 00:06:00,960

etc

136

00:06:05,029 --> 00:06:02,880

but the situation in australia now is

137

00:06:06,870 --> 00:06:05,039

becoming a bit like a vacuum

138

00:06:09,590 --> 00:06:06,880

the anti-vaxxers are still screeching

139

00:06:12,390 --> 00:06:09,600

but nobody's listening anymore it's now

140

00:06:15,270 --> 00:06:12,400

become the media focusing on how this

141

00:06:17,510 --> 00:06:15,280

impacts on the community as opposed to

142

00:06:19,590 --> 00:06:17,520

this is my rights as a parent

143

00:06:21,749 --> 00:06:19,600

now it's important to note that of

144

00:06:24,550 --> 00:06:21,759

course exemptions for people that have

145

00:06:26,629 --> 00:06:24,560

medical conditions or have had adverse

146

00:06:28,629 --> 00:06:26,639

events previously to vaccinations or

147

00:06:31,029 --> 00:06:28,639

have some sort of allergy to

148

00:06:33,270 --> 00:06:31,039

vaccinations would obviously be exempt

149

00:06:35,590 --> 00:06:33,280

from having to get vaccinations if they

150

00:06:37,590 --> 00:06:35,600

go into child care the campaign was

151  
00:06:39,110 --> 00:06:37,600  
simply designed to close the loophole

152  
00:06:41,350 --> 00:06:39,120  
for parents who don't have a valid

153  
00:06:42,150 --> 00:06:41,360  
reason except that they just don't like

154  
00:06:43,670 --> 00:06:42,160  
it

155  
00:06:46,469 --> 00:06:43,680  
so if you didn't think this was bad

156  
00:06:48,629 --> 00:06:46,479  
enough the avn has also been copying an

157  
00:06:50,950 --> 00:06:48,639  
absolute bollocking in new south wales

158  
00:06:53,189 --> 00:06:50,960  
parliament in the last two weeks

159  
00:06:54,550 --> 00:06:53,199  
this is off the back of changes to

160  
00:06:56,150 --> 00:06:54,560  
legislation

161  
00:06:58,150 --> 00:06:56,160  
for the public health act which i

162  
00:06:59,830 --> 00:06:58,160  
touched on when i was in qed

163  
00:07:02,469 --> 00:06:59,840

and that is to close some loopholes that

164

00:07:04,150 --> 00:07:02,479

were exposed in the act when the avn

165

00:07:07,670 --> 00:07:04,160

sued the new south wales healthcare

166

00:07:09,430 --> 00:07:07,680

complaints commission back in 2010

167

00:07:12,150 --> 00:07:09,440

now this legal action was on the back of

168

00:07:14,309 --> 00:07:12,160

the hcc investigating the australian

169

00:07:16,710 --> 00:07:14,319

vaccination network and determining that

170

00:07:18,710 --> 00:07:16,720

they posed a risk to consumers their

171

00:07:20,629 --> 00:07:18,720

information was misleading it was purely

172

00:07:23,350 --> 00:07:20,639

anti-vaccination and the consumers

173

00:07:25,990 --> 00:07:23,360

should not use it as medical advice now

174

00:07:28,070 --> 00:07:26,000

the avn claimed that the hccc did not

175

00:07:29,670 --> 00:07:28,080

have jurisdiction over them and so they

176

00:07:31,270 --> 00:07:29,680

took them to the supreme court and they

177

00:07:33,350 --> 00:07:31,280

sued them and they won

178

00:07:35,110 --> 00:07:33,360

now they were right that at the time the

179

00:07:37,270 --> 00:07:35,120

h triple c did not have jurisdiction

180

00:07:40,309 --> 00:07:37,280

over them however since that was

181

00:07:42,309 --> 00:07:40,319

revealed the law has now been changed so

182

00:07:45,350 --> 00:07:42,319

that the h triple c now does have

183

00:07:47,189 --> 00:07:45,360

jurisdiction over the avn

184

00:07:48,790 --> 00:07:47,199

now as this bill was being discussed in

185

00:07:51,189 --> 00:07:48,800

parliament and it's been discussed three

186

00:07:52,870 --> 00:07:51,199

times now and it's likely to become law

187

00:07:54,790 --> 00:07:52,880

in the next couple of weeks

188

00:07:56,869 --> 00:07:54,800

there were many politicians from both

189

00:07:59,830 --> 00:07:56,879

sides of politics by the way so this was

190

00:08:02,469 --> 00:07:59,840

a bipartisan discussion people from both

191

00:08:04,390 --> 00:08:02,479

sides of politics agreed on one issue

192

00:08:05,670 --> 00:08:04,400

and that was that the avn has to be

193

00:08:07,189 --> 00:08:05,680

stopped

194

00:08:08,710 --> 00:08:07,199

now all of the

195

00:08:11,189 --> 00:08:08,720

goings on from question time in

196

00:08:13,589 --> 00:08:11,199

parliament are transcribed and stored on

197

00:08:15,430 --> 00:08:13,599

a document called hansard so of course

198

00:08:16,950 --> 00:08:15,440

anyone can go and read what these

199

00:08:18,150 --> 00:08:16,960

members of parliament had to say about

200

00:08:19,830 --> 00:08:18,160

the avn

201  
00:08:22,390 --> 00:08:19,840  
i think you'll agree once i've read you

202  
00:08:24,790 --> 00:08:22,400  
some of these quotes that time is up for

203  
00:08:27,270 --> 00:08:24,800  
the avn with people tolerating their

204  
00:08:29,510 --> 00:08:27,280  
nonsense they're misinformation they're

205  
00:08:31,749 --> 00:08:29,520  
scaremongering and they're pretending to

206  
00:08:34,310 --> 00:08:31,759  
be a choice network instead of being

207  
00:08:35,909 --> 00:08:34,320  
honest about their agenda so first i'm

208  
00:08:37,750 --> 00:08:35,919  
going to play you an excerpt from

209  
00:08:39,990 --> 00:08:37,760  
anthony roberts who is the minister for

210  
00:08:41,829 --> 00:08:40,000  
fair trading in new south wales who is

211  
00:08:44,149 --> 00:08:41,839  
the one that will be taking the avn to

212  
00:08:46,470 --> 00:08:44,159  
court in june challenging them to change

213  
00:08:48,870 --> 00:08:46,480

their name here's what he had to say in

214

00:08:50,389 --> 00:08:48,880

parliament on thursday

215

00:08:51,190 --> 00:08:50,399

madam speaker i thank the honourable

216

00:08:53,670 --> 00:08:51,200

member

217

00:08:55,350 --> 00:08:53,680

for his question and certainly applaud

218

00:08:58,070 --> 00:08:55,360

his determination to ensure that the

219

00:09:00,230 --> 00:08:58,080

people of new south wales are not misled

220

00:09:01,910 --> 00:09:00,240

by false claims emanating from fringe

221

00:09:04,389 --> 00:09:01,920

groups such as the australian

222

00:09:06,870 --> 00:09:04,399

vaccination network incorporated

223

00:09:09,750 --> 00:09:06,880

as members of this house would know the

224

00:09:11,990 --> 00:09:09,760

australian vaccination network or avn

225

00:09:14,389 --> 00:09:12,000

actively advocates against the use of

226

00:09:16,630 --> 00:09:14,399

vaccinations and denies that

227

00:09:18,870 --> 00:09:16,640

immunisation is responsible for the

228

00:09:21,190 --> 00:09:18,880

dramatic reduction in many serious

229

00:09:23,509 --> 00:09:21,200

diseases in the past century

230

00:09:26,230 --> 00:09:23,519

they do this despite overwhelming

231

00:09:28,310 --> 00:09:26,240

evidence that vaccination is a safe

232

00:09:30,310 --> 00:09:28,320

effective and rigorously studied

233

00:09:31,990 --> 00:09:30,320

practice that provides people with a

234

00:09:34,310 --> 00:09:32,000

high level of protection against

235

00:09:36,550 --> 00:09:34,320

numerous dangerous diseases including

236

00:09:37,910 --> 00:09:36,560

several that can be fatal

237

00:09:39,910 --> 00:09:37,920

madam speaker

238

00:09:42,389 --> 00:09:39,920

it is incredibly irresponsible for an

239

00:09:45,190 --> 00:09:42,399

avowedly anti-vaccination group to

240

00:09:47,509 --> 00:09:45,200

advertise itself as a balanced source of

241

00:09:49,990 --> 00:09:47,519

information on vaccination

242

00:09:52,470 --> 00:09:50,000

such an action is not only misleading to

243

00:09:53,990 --> 00:09:52,480

the public but dangerous for those who

244

00:09:57,190 --> 00:09:54,000

believe that they are referring to

245

00:09:59,430 --> 00:09:57,200

evidence-based medical advice

246

00:10:00,870 --> 00:09:59,440

this danger is highlighted further by

247

00:10:03,670 --> 00:10:00,880

recent comments from the head of this

248

00:10:06,310 --> 00:10:03,680

group are mr greg beatty who stated

249

00:10:08,470 --> 00:10:06,320

don't trust your gp

250

00:10:10,630 --> 00:10:08,480

the abn does not provide comprehensive

251  
00:10:13,110 --> 00:10:10,640  
or credible information on vaccinations

252  
00:10:15,190 --> 00:10:13,120  
nor does it offer a balanced view on

253  
00:10:17,269 --> 00:10:15,200  
immunisation

254  
00:10:19,269 --> 00:10:17,279  
madam speaker the government the medical

255  
00:10:21,829 --> 00:10:19,279  
community and the australian medical

256  
00:10:23,750 --> 00:10:21,839  
association led by associate professor

257  
00:10:25,670 --> 00:10:23,760  
brian alla are in agreement that the

258  
00:10:27,190 --> 00:10:25,680  
name australian vaccination network is

259  
00:10:28,630 --> 00:10:27,200  
unacceptable

260  
00:10:30,790 --> 00:10:28,640  
to address this issue with the public

261  
00:10:32,150 --> 00:10:30,800  
interest the farrell stoner government

262  
00:10:34,310 --> 00:10:32,160  
introduced the association's

263  
00:10:37,430 --> 00:10:34,320

incorporation amendment unacceptable

264

00:10:38,790 --> 00:10:37,440

names regulation 2012 in december of

265

00:10:40,310 --> 00:10:38,800

last year

266

00:10:43,030 --> 00:10:40,320

this amendment expanded the

267

00:10:44,870 --> 00:10:43,040

classifications of unacceptable names to

268

00:10:47,030 --> 00:10:44,880

include any name that is likely to

269

00:10:48,230 --> 00:10:47,040

mislead the public in relation to the

270

00:10:51,269 --> 00:10:48,240

nature

271

00:10:52,470 --> 00:10:51,279

objects or functions of an association

272

00:10:54,550 --> 00:10:52,480

following the commencement of this

273

00:10:56,630 --> 00:10:54,560

amendment fair trading issued adm a

274

00:10:59,110 --> 00:10:56,640

direction to change the name of its

275

00:11:00,550 --> 00:10:59,120

association on the 14th of january of

276  
00:11:02,870 --> 00:11:00,560  
this year

277  
00:11:05,110 --> 00:11:02,880  
this was done on the basis that the name

278  
00:11:07,990 --> 00:11:05,120  
was undesirable as it had the potential

279  
00:11:09,990 --> 00:11:08,000  
to cause confusion mislead the public

280  
00:11:11,350 --> 00:11:10,000  
and was against most importantly the

281  
00:11:13,190 --> 00:11:11,360  
public interest

282  
00:11:15,269 --> 00:11:13,200  
the review found that the avn does not

283  
00:11:17,269 --> 00:11:15,279  
provide a balanced view of the processes

284  
00:11:19,910 --> 00:11:17,279  
benefits and risks involved with

285  
00:11:22,389 --> 00:11:19,920  
immunisation and that its views are

286  
00:11:24,550 --> 00:11:22,399  
anti-vaccination and it advises against

287  
00:11:27,030 --> 00:11:24,560  
being vaccinated or taking part in

288  
00:11:28,870 --> 00:11:27,040

immunisation programs

289

00:11:32,150 --> 00:11:28,880

the review went on to comment that when

290

00:11:33,590 --> 00:11:32,160

issues have two sides if the avn takes

291

00:11:35,750 --> 00:11:33,600

just one of them

292

00:11:37,269 --> 00:11:35,760

the association then madam speaker put

293

00:11:39,670 --> 00:11:37,279

forward some alternative names on the

294

00:11:41,990 --> 00:11:39,680

8th of march and fair trading correctly

295

00:11:43,350 --> 00:11:42,000

responded to the association on the 12th

296

00:11:45,110 --> 00:11:43,360

of march

297

00:11:47,030 --> 00:11:45,120

i in this house i believe in this

298

00:11:49,269 --> 00:11:47,040

government of the opinion that these

299

00:11:50,949 --> 00:11:49,279

names don't accurately reflect the two

300

00:11:52,310 --> 00:11:50,959

true nature objects or functions of the

301  
00:11:56,310 --> 00:11:52,320  
association

302  
00:11:57,509 --> 00:11:56,320  
lodged an appeal of the name change

303  
00:11:59,350 --> 00:11:57,519  
direction in the administrative

304  
00:12:01,590 --> 00:11:59,360  
decisions tribunal

305  
00:12:03,670 --> 00:12:01,600  
at the last hearing on the 22nd of march

306  
00:12:05,750 --> 00:12:03,680  
this year the president of the tribunal

307  
00:12:07,190 --> 00:12:05,760  
placed conditions on the organisation

308  
00:12:08,310 --> 00:12:07,200  
including that a prominent consumer

309  
00:12:10,710 --> 00:12:08,320  
warning be published on the

310  
00:12:13,350 --> 00:12:10,720  
association's website and its facebook

311  
00:12:15,430 --> 00:12:13,360  
page by the 26th of march of this year

312  
00:12:17,430 --> 00:12:15,440  
this warning states that fair training

313  
00:12:19,590 --> 00:12:17,440

has directed the association to change

314

00:12:21,670 --> 00:12:19,600

its name because it regards the name to

315

00:12:23,030 --> 00:12:21,680

be misleading and that this direction is

316

00:12:24,629 --> 00:12:23,040

currently being challenged by the

317

00:12:26,069 --> 00:12:24,639

tribunal

318

00:12:27,829 --> 00:12:26,079

madam speaker this warning will help

319

00:12:30,150 --> 00:12:27,839

reduce the chance of consumers being

320

00:12:32,629 --> 00:12:30,160

misled while the tribunal proceedings

321

00:12:34,069 --> 00:12:32,639

are still to be finalized i can inform

322

00:12:35,910 --> 00:12:34,079

the house this matter is currently

323

00:12:38,470 --> 00:12:35,920

listed for hearing on the 13th and 14th

324

00:12:40,150 --> 00:12:38,480

of june of this year

325

00:12:41,829 --> 00:12:40,160

madam speaker

326

00:12:44,389 --> 00:12:41,839

the liberals and nationals are

327

00:12:46,790 --> 00:12:44,399

determined to safeguard public health

328

00:12:48,389 --> 00:12:46,800

and we've acted decisively to do so

329

00:12:51,190 --> 00:12:48,399

madam speaker the recent passage of the

330

00:12:53,750 --> 00:12:51,200

health legislation member bill 2013 and

331

00:12:55,670 --> 00:12:53,760

which i can proudly say was supported by

332

00:12:58,389 --> 00:12:55,680

both sides of this house

333

00:13:00,710 --> 00:12:58,399

is only further evidence of the action

334

00:13:01,990 --> 00:13:00,720

we are taking in this space and two

335

00:13:03,590 --> 00:13:02,000

particular members of this house i'd

336

00:13:05,350 --> 00:13:03,600

like to pay tribute to one is the

337

00:13:07,670 --> 00:13:05,360

minister for health one is the shadow

338

00:13:09,430 --> 00:13:07,680

minister for health for their strong

339

00:13:12,629 --> 00:13:09,440

work in this area they've come together

340

00:13:14,230 --> 00:13:12,639

united in this common cause

341

00:13:16,629 --> 00:13:14,240

madam speaker

342

00:13:18,949 --> 00:13:16,639

the people of new south wales can rest

343

00:13:21,350 --> 00:13:18,959

assured that the government indeed this

344

00:13:23,190 --> 00:13:21,360

house is standing firm on its commitment

345

00:13:25,190 --> 00:13:23,200

to protect our community

346

00:13:27,269 --> 00:13:25,200

and i thank all members in this place

347

00:13:28,710 --> 00:13:27,279

for their continued support as we tackle

348

00:13:30,550 --> 00:13:28,720

this issue

349

00:13:33,509 --> 00:13:30,560

let me on behalf of this house put the

350

00:13:35,110 --> 00:13:33,519

avn on novice

351

00:13:37,509 --> 00:13:35,120

this is from the honourable catherine

352

00:13:39,590 --> 00:13:37,519

cusack i call on the healthcare

353

00:13:42,069 --> 00:13:39,600

complaints commission immediately to

354

00:13:44,629 --> 00:13:42,079

stop the australian vaccination network

355

00:13:46,710 --> 00:13:44,639

spreading misleading information and i

356

00:13:48,629 --> 00:13:46,720

ask the media as a whole not to

357

00:13:51,030 --> 00:13:48,639

facilitate the dissemination of such

358

00:13:53,190 --> 00:13:51,040

dangerous messages to vulnerable parents

359

00:13:55,990 --> 00:13:53,200

who are already bombarded with confusing

360

00:13:57,990 --> 00:13:56,000

information and who somehow believe that

361

00:14:01,189 --> 00:13:58,000

the network's role in the immunization

362

00:14:04,310 --> 00:14:01,199

debate is evenly balanced it is not

363

00:14:06,150 --> 00:14:04,320

next up was the honorable trevor khan

364

00:14:07,750 --> 00:14:06,160

i note that at least in part the

365

00:14:10,710 --> 00:14:07,760

amendments to the health care complaints

366

00:14:14,550 --> 00:14:10,720

commission act 1993 arose out of the

367

00:14:17,670 --> 00:14:14,560

hccc investigation into the avn in 2009

368

00:14:20,550 --> 00:14:17,680

and 2010. i am sure a number of members

369

00:14:22,949 --> 00:14:20,560

of this place indeed i suspect all have

370

00:14:24,790 --> 00:14:22,959

received various emails from persons who

371

00:14:27,269 --> 00:14:24,800

seek to advance the interests of the

372

00:14:29,509 --> 00:14:27,279

australian vaccination network

373

00:14:32,150 --> 00:14:29,519

in the background we hear boo

374

00:14:34,389 --> 00:14:32,160

the honourable dr peter phelps says i

375

00:14:35,750 --> 00:14:34,399

think insane is the word you are looking

376

00:14:38,790 --> 00:14:35,760

for

377

00:14:41,189 --> 00:14:38,800

the honorable trevor khan continues

378

00:14:42,949 --> 00:14:41,199

let us be plain about this we know that

379

00:14:44,790 --> 00:14:42,959

they disseminated material into the

380

00:14:46,430 --> 00:14:44,800

community that discourages parents from

381

00:14:48,870 --> 00:14:46,440

vaccinating their children

382

00:14:51,590 --> 00:14:48,880

anti-immunisation groups such as the avn

383

00:14:53,110 --> 00:14:51,600

have touted unscientific propoganda such

384

00:14:55,269 --> 00:14:53,120

as the discredited link between the

385

00:14:57,189 --> 00:14:55,279

measles vaccine and autism

386

00:14:58,790 --> 00:14:57,199

the australian vaccination network name

387

00:15:01,110 --> 00:14:58,800

is misleading it implies that it

388

00:15:02,949 --> 00:15:01,120

supports immunisation

389

00:15:04,629 --> 00:15:02,959

the commissioner for fair trading at the

390

00:15:06,310 --> 00:15:04,639

encouragement of the minister has issued

391

00:15:08,870 --> 00:15:06,320

a direction under the association's

392

00:15:11,189 --> 00:15:08,880

incorporation act for the avn to change

393

00:15:13,189 --> 00:15:11,199

its unacceptable misleading and

394

00:15:15,509 --> 00:15:13,199

deceptive name

395

00:15:17,509 --> 00:15:15,519

i congratulate him on having the guts to

396

00:15:19,590 --> 00:15:17,519

stand up against an organization such as

397

00:15:21,670 --> 00:15:19,600

the avn i invite members of the

398

00:15:23,590 --> 00:15:21,680

community to send emails about my speech

399

00:15:25,910 --> 00:15:23,600

i will happily receive them and respond

400

00:15:28,389 --> 00:15:25,920

accordingly this comment is in reference

401  
00:15:31,110 --> 00:15:28,399  
to dr andrew mcdonald he's also a member

402  
00:15:33,269 --> 00:15:31,120  
of parliament who commented in the hand

403  
00:15:35,030 --> 00:15:33,279  
side several weeks ago that he's had to

404  
00:15:37,030 --> 00:15:35,040  
call police several times because of the

405  
00:15:38,710 --> 00:15:37,040  
threatening emails he's received from

406  
00:15:41,110 --> 00:15:38,720  
supporters of the anti-vaccination

407  
00:15:42,790 --> 00:15:41,120  
movement in australia

408  
00:15:44,790 --> 00:15:42,800  
based on the speeches that were made a

409  
00:15:47,030 --> 00:15:44,800  
couple of weeks ago in parliament many

410  
00:15:48,069 --> 00:15:47,040  
of these politicians also received

411  
00:15:49,829 --> 00:15:48,079  
emails

412  
00:15:51,829 --> 00:15:49,839  
in support of the anti-vaccination

413  
00:15:53,990 --> 00:15:51,839

network so here the honorable trevor

414

00:15:56,790 --> 00:15:54,000

khan is saying send your emails i don't

415

00:15:58,870 --> 00:15:56,800

care i'm not going to change my position

416

00:16:00,790 --> 00:15:58,880

and then we have dr john kane who says

417

00:16:02,710 --> 00:16:00,800

amongst other things i believe that

418

00:16:04,710 --> 00:16:02,720

people such as merrill dory from

419

00:16:07,430 --> 00:16:04,720

australian vaccination network are

420

00:16:09,030 --> 00:16:07,440

behaving in an entirely immoral way to

421

00:16:10,870 --> 00:16:09,040

which a comment comes from the back of

422

00:16:13,910 --> 00:16:10,880

the room saying you will be getting

423

00:16:16,310 --> 00:16:13,920

emails now to john to which he replies i

424

00:16:17,829 --> 00:16:16,320

have plenty of emails believe me my

425

00:16:19,829 --> 00:16:17,839

facebook site became a great

426  
00:16:21,430 --> 00:16:19,839  
battleground between rationality and

427  
00:16:23,829 --> 00:16:21,440  
irrationality

428  
00:16:26,550 --> 00:16:23,839  
good on you says the honorable trevor

429  
00:16:28,310 --> 00:16:26,560  
khan and it continues and it continues

430  
00:16:31,110 --> 00:16:28,320  
and it continues and there are pages and

431  
00:16:33,910 --> 00:16:31,120  
pages and pages of mps standing up

432  
00:16:35,509 --> 00:16:33,920  
condemning the avn in parliament and

433  
00:16:37,110 --> 00:16:35,519  
calling for the healthcare complaints

434  
00:16:39,430 --> 00:16:37,120  
commission and the department of fair

435  
00:16:41,189 --> 00:16:39,440  
trading to shut them down

436  
00:16:43,430 --> 00:16:41,199  
and in the speech that i played earlier

437  
00:16:45,430 --> 00:16:43,440  
from anthony roberts who is the minister

438  
00:16:49,189 --> 00:16:45,440

for fair trading you'll notice that he

439

00:16:51,990 --> 00:16:49,199

said at the end i put the avn on notice

440

00:16:53,910 --> 00:16:52,000

time is almost up for the avn

441

00:16:55,910 --> 00:16:53,920

there is going to be now once this

442

00:16:58,230 --> 00:16:55,920

legislation comes through fresh

443

00:17:01,269 --> 00:16:58,240

investigations into the information they

444

00:17:03,189 --> 00:17:01,279

disseminate and importantly the change

445

00:17:05,429 --> 00:17:03,199

in this in in this legislation came

446

00:17:06,470 --> 00:17:05,439

about because meryl dory sued the

447

00:17:09,029 --> 00:17:06,480

government

448

00:17:10,949 --> 00:17:09,039

so this is your fault meryl

449

00:17:13,429 --> 00:17:10,959

this legislation will not just affect

450

00:17:15,669 --> 00:17:13,439

the avn it will affect every

451  
00:17:17,909 --> 00:17:15,679  
alternative medicine practitioner who

452  
00:17:19,510 --> 00:17:17,919  
makes claims that are likely to affect

453  
00:17:21,750 --> 00:17:19,520  
somebody's well-being

454  
00:17:24,230 --> 00:17:21,760  
so in the past you used to have to

455  
00:17:26,549 --> 00:17:24,240  
demonstrate that you had been harmed by

456  
00:17:28,950 --> 00:17:26,559  
a practitioner's advice or their

457  
00:17:30,789 --> 00:17:28,960  
treatment now you just have to

458  
00:17:33,430 --> 00:17:30,799  
demonstrate it's likely it could cause

459  
00:17:35,430 --> 00:17:33,440  
you harm and in addition to that the

460  
00:17:37,750 --> 00:17:35,440  
government itself can instigate

461  
00:17:39,909 --> 00:17:37,760  
complaints or action against

462  
00:17:42,710 --> 00:17:39,919  
practitioners if they believe they can

463  
00:17:44,710 --> 00:17:42,720

also potentially cause harm

464

00:17:46,549 --> 00:17:44,720

so as a result of this

465

00:17:48,870 --> 00:17:46,559

and as a result of the week-long

466

00:17:50,710 --> 00:17:48,880

campaign which ends tonight by the daily

467

00:17:53,190 --> 00:17:50,720

telegraph the murdoch press the

468

00:17:54,390 --> 00:17:53,200

anti-vaxxers are screeching like

469

00:17:56,950 --> 00:17:54,400

banshees

470

00:17:58,789 --> 00:17:56,960

i just want to point out that they

471

00:18:00,150 --> 00:17:58,799

brought this on themselves they

472

00:18:02,470 --> 00:18:00,160

definitely brought the legislation

473

00:18:04,070 --> 00:18:02,480

change on themselves and this week-long

474

00:18:06,549 --> 00:18:04,080

campaign that was instigated by the

475

00:18:08,630 --> 00:18:06,559

daily telegraph murdoch press they also

476  
00:18:11,750 --> 00:18:08,640  
brought this idea of no jab no play on

477  
00:18:14,390 --> 00:18:11,760  
themselves because in areas where

478  
00:18:16,870 --> 00:18:14,400  
the heartland of the avn lies there is

479  
00:18:19,190 --> 00:18:16,880  
levels of something like just 46 of

480  
00:18:20,950 --> 00:18:19,200  
children are completely vaccinated

481  
00:18:23,190 --> 00:18:20,960  
so there is outbreaks of disease in

482  
00:18:25,590 --> 00:18:23,200  
those areas that has prompted the

483  
00:18:28,549 --> 00:18:25,600  
community to say we have to put a stop

484  
00:18:31,270 --> 00:18:28,559  
to this so in essence the anti-vaxxers

485  
00:18:33,350 --> 00:18:31,280  
are their own worst enemy

486  
00:18:40,830 --> 00:18:33,360  
and until next time this has been dr

487  
00:18:45,990 --> 00:18:43,590  
reports now on belfast fm we turn to the

488  
00:18:48,070 --> 00:18:46,000

personal ads easing going and confident

489

00:18:50,710 --> 00:18:48,080

skeptic seeks other critical thinkers

490

00:18:52,710 --> 00:18:50,720

for fun laughter and good times must be

491

00:18:54,789 --> 00:18:52,720

willing to apply logic liberally and a

492

00:18:56,870 --> 00:18:54,799

good listener expect something new and

493

00:18:58,870 --> 00:18:56,880

interesting every month come and meet me

494

00:19:00,950 --> 00:18:58,880

in belfast in northern ireland if this

495

00:19:03,430 --> 00:19:00,960

sounds like you check out my profile on

496

00:19:08,310 --> 00:19:03,440

belfastskeptics.com

497

00:19:13,990 --> 00:19:11,590

welcome to a week in science from rios

498

00:19:17,190 --> 00:19:14,000

this week the brains of psychopaths and

499

00:19:24,310 --> 00:19:17,200

gigglers greener iron extraction and

500

00:19:28,870 --> 00:19:26,470

two brainy stories came out this week

501  
00:19:31,830 --> 00:19:28,880  
predicting psychopaths and analyzing

502  
00:19:33,990 --> 00:19:31,840  
laughter uk neuroscientists think they

503  
00:19:36,150 --> 00:19:34,000  
can detect early signs of adult

504  
00:19:38,470 --> 00:19:36,160  
psychopaths in the brains of children

505  
00:19:40,630 --> 00:19:38,480  
with behavioral problems these

506  
00:19:42,870 --> 00:19:40,640  
children's brains react differently to

507  
00:19:44,310 --> 00:19:42,880  
most people when they see images of

508  
00:19:46,870 --> 00:19:44,320  
others in pain

509  
00:19:48,870 --> 00:19:46,880  
meanwhile a german analysis of laughter

510  
00:19:51,510 --> 00:19:48,880  
found that tickling laughs do not light

511  
00:19:54,070 --> 00:19:51,520  
up the same areas of the brain as joyous

512  
00:19:56,470 --> 00:19:54,080  
or taunting laughter but a tickle does

513  
00:19:58,950 --> 00:19:56,480

trigger a more complex pattern of brain

514

00:20:00,549 --> 00:19:58,960

activity the three types of laughter are

515

00:20:03,270 --> 00:20:00,559

associated with different social

516

00:20:07,110 --> 00:20:03,280

contexts and are a complex type of

517

00:20:09,190 --> 00:20:07,120

non-verbal communication

518

00:20:11,750 --> 00:20:09,200

u.s researchers have developed an

519

00:20:14,789 --> 00:20:11,760

improved greener method for extracting

520

00:20:17,190 --> 00:20:14,799

iron from iron ore an electrical current

521

00:20:19,510 --> 00:20:17,200

is passed through molten iron ore via

522

00:20:22,310 --> 00:20:19,520

electrodes resulting in the separation

523

00:20:24,870 --> 00:20:22,320

of oxygen from iron at the anode or

524

00:20:27,350 --> 00:20:24,880

negative end the new method uses a

525

00:20:29,350 --> 00:20:27,360

chromium-based anode which can withstand

526

00:20:31,430 --> 00:20:29,360

the high temperatures and corrosive

527

00:20:33,909 --> 00:20:31,440

conditions experienced during this

528

00:20:36,149 --> 00:20:33,919

process this is a more efficient method

529

00:20:38,710 --> 00:20:36,159

of extracting iron that also generates

530

00:20:41,350 --> 00:20:38,720

significantly less carbon dioxide than

531

00:20:44,470 --> 00:20:41,360

traditional techniques and now four

532

00:20:46,789 --> 00:20:44,480

science headlines in 30 seconds a dna

533

00:20:48,470 --> 00:20:46,799

study reveals that all europeans are

534

00:20:50,549 --> 00:20:48,480

very closely related

535

00:20:53,110 --> 00:20:50,559

such that a person from the uk and a

536

00:20:55,830 --> 00:20:53,120

person from turkey are likely to share

537

00:20:58,470 --> 00:20:55,840

all the same ancestors around 1 000

538

00:21:00,470 --> 00:20:58,480

years ago a dose of flu for mum during

539

00:21:03,190 --> 00:21:00,480

pregnancy may increase the risk of

540

00:21:05,590 --> 00:21:03,200

bipolar offspring new evidence suggests

541

00:21:07,430 --> 00:21:05,600

that climate change not people drove

542

00:21:09,669 --> 00:21:07,440

australia's giant marsupials to

543

00:21:11,669 --> 00:21:09,679

extinction and science supports our

544

00:21:13,750 --> 00:21:11,679

intuition that you shouldn't shop when

545

00:21:15,990 --> 00:21:13,760

hungry because you'll pick higher

546

00:21:18,470 --> 00:21:16,000

calorie foods

547

00:21:20,789 --> 00:21:18,480

and finally this week german researchers

548

00:21:23,830 --> 00:21:20,799

test how much of our personality is in

549

00:21:26,390 --> 00:21:23,840

our genes and how much of it is learned

550

00:21:27,990 --> 00:21:26,400

they raised identical twin mice in two

551  
00:21:30,870 --> 00:21:28,000  
different environments and found that

552  
00:21:32,710 --> 00:21:30,880  
they developed different personalities a

553  
00:21:34,710 --> 00:21:32,720  
closer look at their brains revealed

554  
00:21:36,310 --> 00:21:34,720  
that their neurons developed differently

555  
00:21:38,710 --> 00:21:36,320  
when they were exposed to varying

556  
00:21:41,270 --> 00:21:38,720  
environments and stimuli this helps us

557  
00:21:43,510 --> 00:21:41,280  
better understand nature versus nurture

558  
00:21:46,470 --> 00:21:43,520  
and the impact of life experiences on

559  
00:21:48,390 --> 00:21:46,480  
our personalities

560  
00:21:50,549 --> 00:21:48,400  
if you're hungry for more great science

561  
00:21:52,950 --> 00:21:50,559  
content why not check out the blogs on

562  
00:21:55,350 --> 00:21:52,960  
our website this week i looked at a

563  
00:21:57,990 --> 00:21:55,360

threat to peer review while other blogs

564

00:21:59,990 --> 00:21:58,000

offer a peek at our new play the clock

565

00:22:02,870 --> 00:22:00,000

and reveal the science behind autumn

566

00:22:05,110 --> 00:22:02,880

leaves you'll find our blogs under news

567

00:22:06,630 --> 00:22:05,120

on the rio's website that's been the

568

00:22:08,710 --> 00:22:06,640

highlights of another big week in

569

00:22:12,669 --> 00:22:08,720

science for more information and other

570

00:22:15,590 --> 00:22:12,679

science news check out the rio's website

571

00:22:17,350 --> 00:22:15,600

rius.org dot a u where you can also

572

00:22:19,510 --> 00:22:17,360

sign up for notification of future

573

00:22:22,710 --> 00:22:19,520

episodes you can follow the conversation

574

00:22:24,390 --> 00:22:22,720

on twitter using the hashtag weekinsigh

575

00:22:35,830 --> 00:22:24,400

i'm paul willis and on behalf of the

576

00:22:39,669 --> 00:22:38,070

hi i'm finn and i'm rebecca and we're

577

00:22:41,669 --> 00:22:39,679

the skippercons

578

00:22:43,110 --> 00:22:41,679

cons is an irish podcast by the dublin

579

00:22:44,789 --> 00:22:43,120

skeptic society it takes a

580

00:22:46,549 --> 00:22:44,799

conversational reverent look at science

581

00:22:48,149 --> 00:22:46,559

news and skeptical topics from an irish

582

00:23:00,630 --> 00:22:48,159

perspective you can find us at

583

00:23:18,390 --> 00:23:04,710

here's maynard's spooky action

584

00:23:22,789 --> 00:23:20,390

you guys are definitely behind science

585

00:23:24,710 --> 00:23:22,799

science is real it's a fantastic song i

586

00:23:26,549 --> 00:23:24,720

mean oh thank you oh look and part and

587

00:23:29,270 --> 00:23:26,559

look i love it from the big bang to the

588

00:23:30,950 --> 00:23:29,280

dna and uh that whole album and it was a

589

00:23:32,630 --> 00:23:30,960

children's album as well so kids could

590

00:23:35,270 --> 00:23:32,640

get into science was this partially

591

00:23:38,149 --> 00:23:35,280

reaction to you not you know all the

592

00:23:39,909 --> 00:23:38,159

pseudoscience that's around or not

593

00:23:41,909 --> 00:23:39,919

well i think you know i'm not really

594

00:23:44,230 --> 00:23:41,919

sure i don't know much about australian

595

00:23:46,070 --> 00:23:44,240

culture but there's this um

596

00:23:48,310 --> 00:23:46,080

there's a lot of um

597

00:23:52,149 --> 00:23:48,320

very dull dull

598

00:23:55,590 --> 00:23:52,159

witted uh anti-science uh sentiment in

599

00:23:56,950 --> 00:23:55,600

the united states um including like uh

600

00:23:59,669 --> 00:23:56,960

a um

601  
00:24:01,909 --> 00:23:59,679  
a movement to teach uh i believe the

602  
00:24:05,669 --> 00:24:01,919  
expression is teach the controversy

603  
00:24:08,710 --> 00:24:05,679  
which is to say sort of dismantle

604  
00:24:10,710 --> 00:24:08,720  
uh regular science education

605  
00:24:12,549 --> 00:24:10,720  
and turn it into

606  
00:24:13,909 --> 00:24:12,559  
this sort of open-ended

607  
00:24:16,390 --> 00:24:13,919  
unknowable

608  
00:24:21,669 --> 00:24:16,400  
lists of superstitions and you know fake

609  
00:24:27,190 --> 00:24:24,149  
you know a lot of the ideas of of

610  
00:24:30,149 --> 00:24:27,200  
science are not uh controversial you can

611  
00:24:31,750 --> 00:24:30,159  
understand that when you fly in a plane

612  
00:24:34,789 --> 00:24:31,760  
you know you understand that when you

613  
00:24:36,630 --> 00:24:34,799

when you talk on a telephone uh like uh

614

00:24:38,390 --> 00:24:36,640

you can understand that when

615

00:24:39,990 --> 00:24:38,400

there's radioactivity you know like

616

00:24:43,110 --> 00:24:40,000

science science is

617

00:24:44,310 --> 00:24:43,120

something that is it's a very reasonable

618

00:24:48,630 --> 00:24:44,320

pursuit

619

00:24:50,710 --> 00:24:48,640

it's not based on superstition and uh

620

00:24:52,149 --> 00:24:50,720

it's important that people

621

00:24:53,510 --> 00:24:52,159

not just uh

622

00:24:56,470 --> 00:24:53,520

let their

623

00:24:58,470 --> 00:24:56,480

but their imaginations get get ahead of

624

00:25:00,310 --> 00:24:58,480

them look at john flansberg you did

625

00:25:02,710 --> 00:25:00,320

actually make a small mistake when you

626

00:25:05,110 --> 00:25:02,720

were doing the the science album i think

627

00:25:06,710 --> 00:25:05,120

it was a relation into the the sun you

628

00:25:08,390 --> 00:25:06,720

said the sun's a ball of gas and it

629

00:25:09,830 --> 00:25:08,400

turns out that it's plasma was that the

630

00:25:13,110 --> 00:25:09,840

most slight mistake

631

00:25:15,430 --> 00:25:13,120

we've uh we very uh notoriously covered

632

00:25:17,590 --> 00:25:15,440

a song that was written in the 60s that

633

00:25:20,230 --> 00:25:17,600

uh was on an album that john and i both

634

00:25:21,990 --> 00:25:20,240

heard of children uh called science

635

00:25:24,149 --> 00:25:22,000

songs which was recorded by a fellow

636

00:25:26,070 --> 00:25:24,159

named tom glazer and he recorded a song

637

00:25:27,669 --> 00:25:26,080

called why why does the sun shine

638

00:25:30,950 --> 00:25:27,679

parentheses the sun is ambassador

639

00:25:32,870 --> 00:25:30,960

incandescent gas and um the song was

640

00:25:35,269 --> 00:25:32,880

written by tom glaser and hai zarat and

641

00:25:36,630 --> 00:25:35,279

basically it's an irish folk melody it's

642

00:25:39,269 --> 00:25:36,640

a passage from the golden book

643

00:25:41,510 --> 00:25:39,279

encyclopedia put to an irish folk melody

644

00:25:43,590 --> 00:25:41,520

and it's kind of a curious

645

00:25:45,830 --> 00:25:43,600

hybrid of a song because it has a very

646

00:25:48,710 --> 00:25:45,840

strange cadence it doesn't the words

647

00:25:50,870 --> 00:25:48,720

don't rhyme and and the meter is very uh

648

00:25:52,149 --> 00:25:50,880

kind of herky jerky as you can imagine

649

00:25:53,870 --> 00:25:52,159

just applying

650

00:25:57,029 --> 00:25:53,880

uh you know a passage of the

651  
00:25:59,950 --> 00:25:57,039  
encyclopedia to uh a song

652  
00:26:03,750 --> 00:25:59,960  
to a tune it was the best science of

653  
00:26:05,510 --> 00:26:03,760  
1965 i would imagine but it emerges that

654  
00:26:07,110 --> 00:26:05,520  
you know since then

655  
00:26:08,870 --> 00:26:07,120  
we were actually it was the one thing on

656  
00:26:10,390 --> 00:26:08,880  
the album that we didn't run by our

657  
00:26:11,909 --> 00:26:10,400  
science consultant

658  
00:26:15,269 --> 00:26:11,919  
because we were actually

659  
00:26:17,190 --> 00:26:15,279  
because it was from another source we

660  
00:26:19,190 --> 00:26:17,200  
assumed that the facts were straight it

661  
00:26:21,190 --> 00:26:19,200  
seems like a very reasonable song but

662  
00:26:23,029 --> 00:26:21,200  
basically science

663  
00:26:24,870 --> 00:26:23,039

the you know the best understanding of

664

00:26:27,669 --> 00:26:24,880

the sun now

665

00:26:30,470 --> 00:26:27,679

is uh is that the uh the sun is

666

00:26:32,710 --> 00:26:30,480

essentially plasma you know i i'm not a

667

00:26:34,950 --> 00:26:32,720

scientist and i'm i'm already kind of

668

00:26:36,470 --> 00:26:34,960

like over my head trying to explain the

669

00:26:38,149 --> 00:26:36,480

difference but um

670

00:26:40,950 --> 00:26:38,159

it's not a it's not a massive

671

00:26:43,510 --> 00:26:40,960

incandescent cast

672

00:26:45,510 --> 00:26:43,520

and the new ob the new album is nanobots

673

00:26:47,830 --> 00:26:45,520

and look it's great to have you in the

674

00:26:49,350 --> 00:26:47,840

country again after 12 years um have you

675

00:26:51,029 --> 00:26:49,360

a lot of people just come running up to

676

00:26:52,630 --> 00:26:51,039

you going thank you for coming back

677

00:26:54,149 --> 00:26:52,640

because where have you been

678

00:26:56,870 --> 00:26:54,159

for a long time

679

00:26:58,549 --> 00:26:56,880

uh we we were getting a lot of sort of

680

00:27:01,029 --> 00:26:58,559

negative reports you know

681

00:27:03,190 --> 00:27:01,039

rock promoters are not by by temperament

682

00:27:06,310 --> 00:27:03,200

the most optimistic bunch

683

00:27:08,230 --> 00:27:06,320

we always felt like we had a very solid

684

00:27:10,630 --> 00:27:08,240

audience in in australia we'd always

685

00:27:12,950 --> 00:27:10,640

done done you know pretty solid business

686

00:27:14,870 --> 00:27:12,960

and and i think we always felt like

687

00:27:17,350 --> 00:27:14,880

there's something about australian

688

00:27:18,789 --> 00:27:17,360

audiences that actually um really runs

689

00:27:21,350 --> 00:27:18,799

parallel to the spirit of what we're

690

00:27:22,149 --> 00:27:21,360

doing which is that you know although we

691

00:27:23,750 --> 00:27:22,159

are

692

00:27:25,669 --> 00:27:23,760

deeply invested in what we're doing and

693

00:27:27,669 --> 00:27:25,679

very passionate about what we're doing

694

00:27:29,830 --> 00:27:27,679

we also don't take ourselves completely

695

00:27:32,230 --> 00:27:29,840

seriously and i think that that is a a

696

00:27:34,710 --> 00:27:32,240

balancing act that that you know it's

697

00:27:37,830 --> 00:27:34,720

important that we succeed in kind of

698

00:27:39,190 --> 00:27:37,840

tempering the the the more lighthearted

699

00:27:41,750 --> 00:27:39,200

parts of what we do

700

00:27:44,470 --> 00:27:41,760

with like solid melodies and good

701  
00:27:45,909 --> 00:27:44,480  
songwriting and and obviously we're you

702  
00:27:47,110 --> 00:27:45,919  
know compared to a lot of other rock

703  
00:27:49,669 --> 00:27:47,120  
bands we're very

704  
00:27:51,350 --> 00:27:49,679  
upbeat but it's not just uh it's not

705  
00:27:53,190 --> 00:27:51,360  
just for laughs i guess it's the thing

706  
00:27:55,029 --> 00:27:53,200  
like there's a there's no emotional

707  
00:27:56,230 --> 00:27:55,039  
content so what we're doing i i think

708  
00:27:58,630 --> 00:27:56,240  
there's something in the australian

709  
00:28:00,630 --> 00:27:58,640  
psyche that we don't take many things

710  
00:28:02,470 --> 00:28:00,640  
seriously but at the same time we

711  
00:28:04,310 --> 00:28:02,480  
appreciate artistry and i think that's

712  
00:28:06,710 --> 00:28:04,320  
where you guys fit into it

713  
00:28:08,950 --> 00:28:06,720

yeah i mean i feel like i feel like um

714

00:28:11,110 --> 00:28:08,960

uh there's sort of a kindred spirit nate

715

00:28:13,269 --> 00:28:11,120

between they might be jonathan australia

716

00:28:14,630 --> 00:28:13,279

that is is actually quite rare i mean we

717

00:28:16,630 --> 00:28:14,640

might actually

718

00:28:18,149 --> 00:28:16,640

you know we might fare better here

719

00:28:21,990 --> 00:28:18,159

professionally than

720

00:28:23,590 --> 00:28:22,000

in in a lot of other territories

721

00:28:25,269 --> 00:28:23,600

is there a problem somewhere where go oh

722

00:28:26,710 --> 00:28:25,279

that they just do those funny novelty

723

00:28:29,510 --> 00:28:26,720

songs do you get like written off like

724

00:28:31,190 --> 00:28:29,520

that sometimes uh you know well you know

725

00:28:33,110 --> 00:28:31,200

what's interesting is that you know you

726

00:28:35,590 --> 00:28:33,120

know we've been doing this for 30 years

727

00:28:37,110 --> 00:28:35,600

and and when we first started when we

728

00:28:39,750 --> 00:28:37,120

were basically

729

00:28:40,950 --> 00:28:39,760

uh seen as essentially like an art

730

00:28:42,950 --> 00:28:40,960

project

731

00:28:44,389 --> 00:28:42,960

we had tremendous success

732

00:28:46,710 --> 00:28:44,399

in germany

733

00:28:49,430 --> 00:28:46,720

where i think we were perceived we were

734

00:28:51,990 --> 00:28:49,440

perceived as bohemians very much in the

735

00:28:53,830 --> 00:28:52,000

tradition of like frank zappa who is

736

00:28:55,990 --> 00:28:53,840

held in very high regard there and

737

00:28:59,830 --> 00:28:56,000

there's and there's a lot of um

738

00:29:01,750 --> 00:28:59,840

the way rock music is is consumed by the

739

00:29:04,389 --> 00:29:01,760

counter culture there is highly

740

00:29:06,149 --> 00:29:04,399

politicized oh and then they enjoy the

741

00:29:07,510 --> 00:29:06,159

tinkering like you georgio marota and

742

00:29:09,430 --> 00:29:07,520

your craft work

743

00:29:11,350 --> 00:29:09,440

you know just because you stand apart

744

00:29:13,190 --> 00:29:11,360

from the mainstream culture doesn't mean

745

00:29:14,950 --> 00:29:13,200

you stand against the mainstream culture

746

00:29:17,269 --> 00:29:14,960

i don't think like we're i think we're

747

00:29:18,710 --> 00:29:17,279

that concerned with

748

00:29:20,950 --> 00:29:18,720

we're you know we're not like shaking

749

00:29:23,750 --> 00:29:20,960

our fists at the radio going like how

750

00:29:24,789 --> 00:29:23,760

how can this stand you know

751  
00:29:26,789 --> 00:29:24,799  
um

752  
00:29:28,950 --> 00:29:26,799  
uh you know we like a lot of different

753  
00:29:31,029 --> 00:29:28,960  
kinds of music and and

754  
00:29:32,630 --> 00:29:31,039  
uh we listen to we listen to what we

755  
00:29:33,830 --> 00:29:32,640  
like to listen to you know so it's it's

756  
00:29:36,389 --> 00:29:33,840  
um

757  
00:29:38,630 --> 00:29:36,399  
it's not it's not it's not a culture war

758  
00:29:40,870 --> 00:29:38,640  
for us and i think i think in the world

759  
00:29:42,470 --> 00:29:40,880  
of rock criticism it's very hard for

760  
00:29:44,310 --> 00:29:42,480  
people

761  
00:29:46,870 --> 00:29:44,320  
i think it's i think it's difficult you

762  
00:29:48,870 --> 00:29:46,880  
know in a in a hot sort of a

763  
00:29:51,750 --> 00:29:48,880

hot house environment of

764

00:29:53,110 --> 00:29:51,760

a lot criticism to not start thinking of

765

00:29:54,710 --> 00:29:53,120

bands as kind of

766

00:29:56,230 --> 00:29:54,720

pitting themselves against one another

767

00:29:57,990 --> 00:29:56,240

that they're somehow in competition for

768

00:29:59,830 --> 00:29:58,000

one against one another and i think

769

00:30:01,350 --> 00:29:59,840

nothing is really further from the case

770

00:30:04,630 --> 00:30:01,360

for us but what's interesting is that

771

00:30:07,510 --> 00:30:04,640

when we started we were very much seen

772

00:30:10,230 --> 00:30:07,520

as sort of wary culture warriors against

773

00:30:13,430 --> 00:30:10,240

the mainstream in germany and then over

774

00:30:15,750 --> 00:30:13,440

time especially as we became more

775

00:30:18,789 --> 00:30:15,760

commercially viable as an international

776

00:30:20,710 --> 00:30:18,799

act i think it was very hard for them to

777

00:30:22,149 --> 00:30:20,720

uh understand this and take it to face

778

00:30:23,830 --> 00:30:22,159

value i think it was sort of like i

779

00:30:25,430 --> 00:30:23,840

think they just thought oh these guys

780

00:30:27,590 --> 00:30:25,440

they're just entertainers you know they

781

00:30:29,750 --> 00:30:27,600

we made a mistake and and i know i think

782

00:30:31,430 --> 00:30:29,760

the truth is some is actually something

783

00:30:32,870 --> 00:30:31,440

entirely different i don't think oh i

784

00:30:36,070 --> 00:30:32,880

think they were right in the first place

785

00:30:38,070 --> 00:30:36,080

or or or later i did one of my favorite

786

00:30:39,430 --> 00:30:38,080

albums of yours is apollo 18 there's

787

00:30:41,430 --> 00:30:39,440

something about that album that really

788

00:30:42,950 --> 00:30:41,440

resounded with me and i love the song

789

00:30:44,630 --> 00:30:42,960

turn around probably because it's the

790

00:30:48,950 --> 00:30:44,640

only song i could think of that uses the

791

00:30:54,070 --> 00:30:50,630

my obsequious

792

00:30:57,590 --> 00:30:54,080

so i looked out the window at him

793

00:30:59,590 --> 00:30:57,600

he had the same obsequious manner

794

00:31:01,909 --> 00:30:59,600

that was the reason oh well thank you

795

00:31:04,230 --> 00:31:01,919

very much yeah i'm secret this is a

796

00:31:06,070 --> 00:31:04,240

great word i mean you never hear it i

797

00:31:08,389 --> 00:31:06,080

mean beyonce has never used it once

798

00:31:10,549 --> 00:31:08,399

what's going on there

799

00:31:12,870 --> 00:31:10,559

oh i think you know i don't know i think

800

00:31:14,149 --> 00:31:12,880

i think she's uh she might be tuned in

801  
00:31:16,149 --> 00:31:14,159  
to uh

802  
00:31:17,269 --> 00:31:16,159  
secretness i think i think she probably

803  
00:31:19,190 --> 00:31:17,279  
uh

804  
00:31:20,789 --> 00:31:19,200  
she's probably tired of it

805  
00:31:22,789 --> 00:31:20,799  
now look i've got a i've only got a few

806  
00:31:24,710 --> 00:31:22,799  
minutes here i'll rush a few questions

807  
00:31:26,710 --> 00:31:24,720  
past you now i'm a big fan of the star

808  
00:31:28,630 --> 00:31:26,720  
trek pajamas if you were to get the star

809  
00:31:32,870 --> 00:31:28,640  
trek pajamas would you go for the red

810  
00:31:34,389 --> 00:31:32,880  
shirt the blue shirt or the gold shirt

811  
00:31:35,909 --> 00:31:34,399  
um

812  
00:31:37,909 --> 00:31:35,919  
well unfortunately i think i'd probably

813  
00:31:40,549 --> 00:31:37,919

look a little bit too much like william

814

00:31:43,110 --> 00:31:40,559

shatner in any of them um

815

00:31:45,990 --> 00:31:43,120

it's it's sort of an unflattering look

816

00:31:48,549 --> 00:31:46,000

for uh for you know bulky guys you gotta

817

00:31:51,669 --> 00:31:48,559

you gotta be uh you gotta be really thin

818

00:31:52,789 --> 00:31:51,679

to to rock uh a turtleneck i think

819

00:31:55,029 --> 00:31:52,799

um

820

00:31:57,029 --> 00:31:55,039

uh but i i guess i'd go with the blue

821

00:31:58,630 --> 00:31:57,039

look john flansberg back in australia

822

00:32:00,389 --> 00:31:58,640

after 12 years with john lennon don't

823

00:32:02,230 --> 00:32:00,399

make it so long next time you've got

824

00:32:04,149 --> 00:32:02,240

sock puppets on so you've got sock

825

00:32:05,509 --> 00:32:04,159

monkeys on stage look the only thing

826

00:32:07,830 --> 00:32:05,519

missing from your show currently i

827

00:32:08,630 --> 00:32:07,840

reckon is a confetti cannon

828

00:32:09,830 --> 00:32:08,640

uh

829

00:32:11,750 --> 00:32:09,840

next time

830

00:32:13,190 --> 00:32:11,760

we'll get it through our customs

831

00:32:16,789 --> 00:32:13,200

thank you john plans thanks for your

832

00:32:18,950 --> 00:32:16,799

time hey thank you hello hello

833

00:32:21,830 --> 00:32:18,960

we are they might be giants and we want

834

00:32:24,149 --> 00:32:21,840

to welcome you to our musical laboratory

835

00:32:26,710 --> 00:32:24,159

as the philosopher rudolf karnip once so

836

00:32:28,870 --> 00:32:26,720

clearly said

837

00:32:31,830 --> 00:32:28,880

science is a system of statements based

838

00:32:34,230 --> 00:32:31,840

on direct experience and controlled by

839

00:32:37,830 --> 00:32:34,240

experimental verification

840

00:32:49,830 --> 00:32:37,840

or as we say science is real

841

00:32:49,840 --> 00:32:55,110

to the milky

842

00:33:00,070 --> 00:32:56,710

the way

843

00:33:02,230 --> 00:33:00,080

about angels unicorns and elves now i

844

00:33:05,430 --> 00:33:02,240

like the stories

845

00:33:08,630 --> 00:33:05,440

as much as anybody else but when i'm

846

00:33:18,230 --> 00:33:08,640

seeking knowledge either simple or

847

00:33:44,710 --> 00:33:36,830

is

848

00:33:50,789 --> 00:33:47,909

a scientific theory

849

00:34:03,430 --> 00:33:50,799

isn't just a haunt your guess it's more

850

00:34:03,440 --> 00:34:21,550

the truth is

851  
00:35:19,430 --> 00:34:23,190  
science

852  
00:35:23,990 --> 00:35:22,390  
hello i'm marit and i'm kristen and we

853  
00:35:25,750 --> 00:35:24,000  
want to let you know that there are lots

854  
00:35:27,670 --> 00:35:25,760  
of norwegian skeptics for you to get to

855  
00:35:29,510 --> 00:35:27,680  
know there are blogs and pubmed and a

856  
00:35:31,030 --> 00:35:29,520  
podcast and the norwegian skeptics also

857  
00:35:33,030 --> 00:35:31,040  
do paranormal tests and consumer

858  
00:35:52,150 --> 00:35:33,040  
activism to find out more google

859  
00:35:55,430 --> 00:35:53,750  
thank you for listening to the skeptic

860  
00:35:57,430 --> 00:35:55,440  
zone wow what an interesting episode

861  
00:35:59,109 --> 00:35:57,440  
that was again

862  
00:36:00,390 --> 00:35:59,119  
i think you should tell your local

863  
00:36:03,030 --> 00:36:00,400

elected

864

00:36:05,510 --> 00:36:03,040

representatives what we're doing here in

865

00:36:07,430 --> 00:36:05,520

new south wales in australia

866

00:36:10,069 --> 00:36:07,440

coming up on next week's show i think

867

00:36:11,589 --> 00:36:10,079

we've got some more interviews from qed

868

00:36:13,270 --> 00:36:11,599

in manchester

869

00:36:15,030 --> 00:36:13,280

probably some more may not in fact

870

00:36:17,190 --> 00:36:15,040

definitely some more made out he sent me

871

00:36:19,030 --> 00:36:17,200

a lot of stuff lately

872

00:36:20,470 --> 00:36:19,040

and who knows maybe my voice will sound

873

00:36:22,310 --> 00:36:20,480

better i don't know

874

00:36:24,790 --> 00:36:22,320

why is my voice it's gone a bit hoarse

875

00:36:28,390 --> 00:36:24,800

folks i don't know why

876

00:36:30,390 --> 00:36:28,400

no clue sometimes it it just doesn't

877

00:36:33,670 --> 00:36:30,400

but for now this is richard saunders off

878

00:36:39,190 --> 00:36:33,680

to gargle some salty water signing off

879

00:36:42,390 --> 00:36:40,870

you've been listening to the skeptic

880

00:36:47,190 --> 00:36:42,400

zone