

The Skeptic Zone
Show 389 - 3 April 2016



Jan Wolf

1
00:00:23,339 --> 00:00:09,110
welcome to the skeptic zone the podcast

2
00:00:30,089 --> 00:00:25,870
hello and welcome to the skeptic zone

3
00:00:32,979 --> 00:00:30,099
episode number 389 the third of april

4
00:00:36,040 --> 00:00:32,989
2016 Richard Saunders here with you from

5
00:00:37,840 --> 00:00:36,050
Sydney Australia and before we start my

6
00:00:41,189 --> 00:00:37,850
dear friends thank you so much for the

7
00:00:43,569 --> 00:00:41,199
well wishes and the kind words and the

8
00:00:45,430 --> 00:00:43,579
virtual hugs that I've been receiving

9
00:00:49,119 --> 00:00:45,440
all week following the death of my

10
00:00:51,399 --> 00:00:49,129
mother thank you so much every one of

11
00:00:54,280 --> 00:00:51,409
them I promise you every one of them I

12
00:00:57,460 --> 00:00:54,290
read and I appreciated every kind of

13
00:00:59,649 --> 00:00:57,470

thought and every kind comment thank you

14

00:01:04,780 --> 00:00:59,659

so much and a big thanks to the skeptics

15

00:01:08,289 --> 00:01:04,790

guide to the universe who sneakily sent

16

00:01:12,370 --> 00:01:08,299

a little care package here and that was

17

00:01:15,310 --> 00:01:12,380

very gratefully received the skeptics

18

00:01:18,850 --> 00:01:15,320

guide to the universe folks al sister

19

00:01:21,820 --> 00:01:18,860

podcast brother podcast sibling podcast

20

00:01:23,289 --> 00:01:21,830

a very popular podcast indeed I have the

21

00:01:25,029 --> 00:01:23,299

pleasure every now and then to be a

22

00:01:29,709 --> 00:01:25,039

guest rogue on the skeptics guide to the

23

00:01:32,529 --> 00:01:29,719

universe so their gesture was WOW very

24

00:01:35,410 --> 00:01:32,539

touching thank you SGU thank you so very

25

00:01:39,940 --> 00:01:35,420

much and thank you to the Australian

26
00:01:41,499 --> 00:01:39,950
skeptics who as some of the members of

27
00:01:44,050 --> 00:01:41,509
Australian skeptics came along to my

28
00:01:49,919 --> 00:01:44,060
mother's funeral which was very very

29
00:01:54,099 --> 00:01:49,929
nice to see and let me know that a

30
00:01:57,730 --> 00:01:54,109
contribution has been made to Professor

31
00:02:00,749 --> 00:01:57,740
Klingons cancer research at the

32
00:02:04,779 --> 00:02:00,759
University of Wollongong which was a

33
00:02:08,469 --> 00:02:04,789
request from my mother she said to meal

34
00:02:14,020 --> 00:02:08,479
sometime ago she wished to have people

35
00:02:17,199 --> 00:02:14,030
donate to this this cause because it's

36
00:02:19,210 --> 00:02:17,209
due to the fact that her professor who

37
00:02:22,059 --> 00:02:19,220
was looking after and in the final years

38
00:02:23,559 --> 00:02:22,069

and other people like him it's due to

39

00:02:26,230 --> 00:02:23,569

the fact that they are they're doing

40

00:02:29,229 --> 00:02:26,240

what they do with the research and

41

00:02:32,949 --> 00:02:29,239

scientific medicine that my mother was

42

00:02:34,660 --> 00:02:32,959

able to be with us for so long so thank

43

00:02:37,360 --> 00:02:34,670

you to the Australian skeptics for

44

00:02:39,490 --> 00:02:37,370

a donation to that particular research

45

00:02:43,030 --> 00:02:39,500

we've been bagging the University of

46

00:02:47,350 --> 00:02:43,040

Wollongong lately I know for the PhD to

47

00:02:49,479 --> 00:02:47,360

the anti-vaxxers but of course like any

48

00:02:54,220 --> 00:02:49,489

university they do fantastic work as

49

00:02:56,890 --> 00:02:54,230

well so a very big week I promise you it

50

00:02:59,470 --> 00:02:56,900

was a very big week however let's say

51
00:03:01,390 --> 00:02:59,480
let's look forward to this week's show

52
00:03:03,550 --> 00:03:01,400
we're going to kick off we're going to

53
00:03:06,220 --> 00:03:03,560
start with an interview with Alex cares

54
00:03:09,309 --> 00:03:06,230
who is the director of Perak on

55
00:03:11,500 --> 00:03:09,319
Australia coming up in May a paranormal

56
00:03:14,130 --> 00:03:11,510
meeting a paranormal convention in the

57
00:03:17,710 --> 00:03:14,140
Blue Mountains near Sydney I am very

58
00:03:21,160 --> 00:03:17,720
thrilled to be a guest speaker goodness

59
00:03:24,190 --> 00:03:21,170
me let me reach for my mother's Bible

60
00:03:26,350 --> 00:03:24,200
what's this Daniel in the lion's den hmm

61
00:03:28,420 --> 00:03:26,360
I'm a guest speaker at Paragon more

62
00:03:31,120 --> 00:03:28,430
about that coming up my interview with

63
00:03:33,220 --> 00:03:31,130

Alex chaos following that it's a couple

64

00:03:35,080 --> 00:03:33,230
of skeptical announcements what's going

65

00:03:37,300 --> 00:03:35,090
on in the skeptical world especially

66

00:03:40,270 --> 00:03:37,310
here in Australia then I'll be reading a

67

00:03:42,009 --> 00:03:40,280
piece by Kim mendham you seem to get a

68

00:03:43,660 --> 00:03:42,019
lot of pieces by Tim minden he's a good

69

00:03:46,800 --> 00:03:43,670
writer actually he's the editor of the

70

00:03:50,949 --> 00:03:46,810
skeptic magazine here in Australia about

71

00:03:52,870 --> 00:03:50,959
wind farms wind farms and some of the

72

00:03:55,150 --> 00:03:52,880
nonsense that's going on there with

73

00:03:59,380 --> 00:03:55,160
large amounts of money being splashed

74

00:04:02,050 --> 00:03:59,390
about find out more soon and then it's

75

00:04:04,420 --> 00:04:02,060
Maynard spooky action chatting to an old

76

00:04:06,190 --> 00:04:04,430

friend of mine lan wolf in wolf's

77

00:04:08,830 --> 00:04:06,200

appeared on our show before from time to

78

00:04:12,509 --> 00:04:08,840

time he's the man behind the diffusion

79

00:04:14,740 --> 00:04:12,519

science radio show here in Australia and

80

00:04:17,289 --> 00:04:14,750

that's a very long running show to

81

00:04:19,630 --> 00:04:17,299

podcast it's a radio show find out more

82

00:04:22,510 --> 00:04:19,640

later on the show and may not interviews

83

00:04:25,450 --> 00:04:22,520

lan wolf and then to round off the show

84

00:04:28,560 --> 00:04:25,460

a little news clip and little news item

85

00:04:32,860 --> 00:04:28,570

about a high court challenge apparently

86

00:04:37,390 --> 00:04:32,870

who knows to the Australian Government's

87

00:04:40,330 --> 00:04:37,400

no a jab no pay laws will the

88

00:04:43,600 --> 00:04:40,340

anti-vaxxers succeed in overturning the

89

00:04:44,800 --> 00:04:43,610

law we shall find out oh by the way just

90

00:04:47,560 --> 00:04:44,810

referring back to what I said before

91

00:04:48,550 --> 00:04:47,570

about the professor's research professor

92

00:04:51,670 --> 00:04:48,560

Klingon

93

00:04:53,920 --> 00:04:51,680

I'll add a link in the show notes for

94

00:04:59,530 --> 00:04:53,930

this week or you can simply google

95

00:05:02,140 --> 00:04:59,540

professor Klingon that's CL I n gan

96

00:05:04,060 --> 00:05:02,150

Klingon Research Foundation my mother

97

00:05:05,860 --> 00:05:04,070

certainly thought very highly of the

98

00:05:08,830 --> 00:05:05,870

professor who was looking after her he

99

00:05:11,700 --> 00:05:08,840

was a lovely man and thanks to him of

100

00:05:16,210 --> 00:05:11,710

course and the wonderful work they do

101

00:05:20,710 --> 00:05:16,220

generally in in cancer research that

102

00:05:22,840 --> 00:05:20,720

does keep thousands of people alive it

103

00:05:25,780 --> 00:05:22,850

really does oh and by the way my mother

104

00:05:29,350 --> 00:05:25,790

did not have any time for quackery quack

105

00:05:33,420 --> 00:05:29,360

cures and promises she was a very bright

106

00:05:36,700 --> 00:05:33,430

woman and she knew exactly her best

107

00:05:39,219 --> 00:05:36,710

course of action and as I mentioned on

108

00:05:41,760 --> 00:05:39,229

last week's show that course of action

109

00:05:44,260 --> 00:05:41,770

gave us about another 30 years with mum

110

00:05:45,969 --> 00:05:44,270

stay tuned right at the end of the show

111

00:05:47,860 --> 00:05:45,979

for an important announcement from the

112

00:05:50,320 --> 00:05:47,870

skeptic zone something very interesting

113

00:05:53,260 --> 00:05:50,330

indeed but right now it's time for me to

114

00:05:59,140 --> 00:05:53,270

run downstairs open up the fridge look

115

00:06:01,930 --> 00:05:59,150

for some marshmallows I thought I saw I

116

00:06:06,490 --> 00:06:01,940

wonder if they're in the cupboard hot

117

00:06:09,730 --> 00:06:06,500

chocolate and marshmallows that sounds

118

00:06:34,119 --> 00:06:09,740

pretty good why not well I'm enjoying

119

00:06:38,359 --> 00:06:36,649

now there's a long history of

120

00:06:39,739 --> 00:06:38,369

interesting conventions in Australia

121

00:06:41,929 --> 00:06:39,749

everything from well dare i say

122

00:06:43,809 --> 00:06:41,939

australian skeptics conventions to all

123

00:06:46,459 --> 00:06:43,819

sorts of things historical and all

124

00:06:47,749 --> 00:06:46,469

manner of organizations love to have

125

00:06:51,169 --> 00:06:47,759

conventions and i think this is a

126

00:06:54,489 --> 00:06:51,179

worldwide thing coming up but just next

127

00:06:58,669 --> 00:06:54,499

month in May May 26 to the 29th we have

128

00:07:00,949 --> 00:06:58,679

Paracon Australia 2016 and this is going

129

00:07:02,299 --> 00:07:00,959

to be held in the wonderful Blue

130

00:07:04,219 --> 00:07:02,309

Mountains I thought I'd find out a bit

131

00:07:07,129 --> 00:07:04,229

more about this it's a paranormal

132

00:07:08,719 --> 00:07:07,139

convention and it's a particular

133

00:07:11,059 --> 00:07:08,729

interest to me but we'll get to that

134

00:07:13,219 --> 00:07:11,069

soon join me on the line from the fifth

135

00:07:15,859 --> 00:07:13,229

dimension I think somewhere floating in

136

00:07:19,100 --> 00:07:15,869

the either is the director of Paragon

137

00:07:21,379 --> 00:07:19,110

Australia Alex KS hello Alex hello

138

00:07:23,119 --> 00:07:21,389

Richard how you doing I'm not doing too

139

00:07:26,899 --> 00:07:23,129

badly i'm not doing do by little i am

140

00:07:28,909 --> 00:07:26,909

certainly looking forward to para con

141

00:07:31,609 --> 00:07:28,919

australia because when to spill the

142

00:07:33,679 --> 00:07:31,619

beans I'm actually an invited speaker

143

00:07:35,659 --> 00:07:33,689

this year which is fantastic but before

144

00:07:37,489 --> 00:07:35,669

we get to all that what can you tell me

145

00:07:41,029 --> 00:07:37,499

about the event then something of its

146

00:07:42,980 --> 00:07:41,039

history ok yeah so perricone Australia

147

00:07:44,389 --> 00:07:42,990

as you said is a paranormal conference

148

00:07:47,209 --> 00:07:44,399

this is at the third year I've been

149

00:07:50,149 --> 00:07:47,219

running it we've done it in the Blue

150

00:07:52,730 --> 00:07:50,159

Mountains for two years now and it is

151
00:07:55,609 --> 00:07:52,740
just two days of everything paranormal

152
00:07:57,799 --> 00:07:55,619
from ghost hunting to UFO and et

153
00:08:00,439 --> 00:07:57,809
research you know we're throw-in a few

154
00:08:02,329 --> 00:08:00,449
Yowies for good measure it's just you

155
00:08:04,429 --> 00:08:02,339
know if you're into the paranormal

156
00:08:06,079 --> 00:08:04,439
paranormal research this is definitely

157
00:08:07,339 --> 00:08:06,089
starting to check out well that's

158
00:08:08,749 --> 00:08:07,349
interesting you should say we are you

159
00:08:10,939 --> 00:08:08,759
throwing in a few galleys because the

160
00:08:13,159 --> 00:08:10,949
Blue Mountains and this event is being

161
00:08:16,129 --> 00:08:13,169
held up there d Carrington hotel which

162
00:08:18,259 --> 00:08:16,139
is a Grand Hotel indeed in Katoomba

163
00:08:20,569 --> 00:08:18,269

beautiful beautiful but the Blue

164

00:08:23,089 --> 00:08:20,579

Mountains is one of the dare I say the

165

00:08:24,769 --> 00:08:23,099

Yowie hotspots and for our international

166

00:08:27,049 --> 00:08:24,779

listeners a yaoi is sort of the

167

00:08:30,109 --> 00:08:27,059

Australian cousin to the Bigfoot isn't

168

00:08:32,719 --> 00:08:30,119

it yes definitely well distantly related

169

00:08:34,070 --> 00:08:32,729

like we like to consider New Zealand as

170

00:08:36,020 --> 00:08:34,080

a cousin

171

00:08:40,670 --> 00:08:36,030

is a strange analogy if I've ever heard

172

00:08:44,270 --> 00:08:40,680

one yeah well the blue mountains if you

173

00:08:45,980 --> 00:08:44,280

like is full of all sorts of legends and

174

00:08:48,350 --> 00:08:45,990

phenomena around all things paranormal

175

00:08:49,700 --> 00:08:48,360

so I think it's a great spot to do it it

176

00:08:51,830 --> 00:08:49,710

is in the Blue Mountains for those

177

00:08:53,510 --> 00:08:51,840

people who may not know is not far out

178

00:08:55,010 --> 00:08:53,520

of Sydney couple of hours on the train

179

00:08:57,050 --> 00:08:55,020

and you're in the wonderful Blue

180

00:09:00,410 --> 00:08:57,060

Mountains very popular place for

181

00:09:01,940 --> 00:09:00,420

tourists and is very beautiful lots of

182

00:09:03,590 --> 00:09:01,950

scenery and mountains and things like

183

00:09:05,780 --> 00:09:03,600

that of course now what can you tell me

184

00:09:07,640 --> 00:09:05,790

about the past events because i think if

185

00:09:10,040 --> 00:09:07,650

i remember correctly i might have been

186

00:09:12,980 --> 00:09:10,050

to one as a visitor a couple years back

187

00:09:15,950 --> 00:09:12,990

but i think that was in maitland yes so

188

00:09:17,870 --> 00:09:15,960

that was the first Paracon at maitland

189

00:09:20,810 --> 00:09:17,880

jail of course we locked everyone up for

190

00:09:23,510 --> 00:09:20,820

a weekend and so that's where we started

191

00:09:24,860 --> 00:09:23,520

so we've been going since 2014 oh yes I

192

00:09:26,450 --> 00:09:24,870

remember it well I had a very

193

00:09:28,670 --> 00:09:26,460

interesting day there I went along with

194

00:09:30,410 --> 00:09:28,680

our reporter Maynard who was

195

00:09:32,570 --> 00:09:30,420

interviewing all sorts of people on the

196

00:09:34,220 --> 00:09:32,580

day and we may not and I ended up in a

197

00:09:36,290 --> 00:09:34,230

jail cell at one stage I don't know it

198

00:09:39,950 --> 00:09:36,300

was going on tell me about some of the

199

00:09:42,440 --> 00:09:39,960

guests you've had in the past alright so

200

00:09:45,500 --> 00:09:42,450

yeah we've had in the past people from

201
00:09:47,720 --> 00:09:45,510
overseas including Ben Hansen who was

202
00:09:50,680 --> 00:09:47,730
just recently out for another tour he's

203
00:09:53,510 --> 00:09:50,690
a former FBI agent turned ghost hunter

204
00:09:56,260 --> 00:09:53,520
people who specialize in things like

205
00:09:58,700 --> 00:09:56,270
Ouija boards with Robert Murch we've had

206
00:10:00,500 --> 00:09:58,710
people who you know such as Katrina

207
00:10:03,590 --> 00:10:00,510
Cavanaugh come and speak she spoke the

208
00:10:06,470 --> 00:10:03,600
first year Rex Gilroy who's quite

209
00:10:09,140 --> 00:10:06,480
popular in there cryptozoology feel

210
00:10:11,330 --> 00:10:09,150
they're all from the first year yes and

211
00:10:12,830 --> 00:10:11,340
I remember seeing him there and may not

212
00:10:14,570 --> 00:10:12,840
had a very interesting interview with

213
00:10:17,840 --> 00:10:14,580

Rex he's the guy who looks for the

214

00:10:19,850 --> 00:10:17,850

Yowies and the monsters and yes yeah and

215

00:10:21,950 --> 00:10:19,860

then if we jump to year two we had

216

00:10:25,070 --> 00:10:21,960

people like Travis Walton come out which

217

00:10:28,640 --> 00:10:25,080

is the famous UFO incident from the

218

00:10:31,010 --> 00:10:28,650

United States we had lots of authors

219

00:10:33,670 --> 00:10:31,020

people like got Podmore who wrote the

220

00:10:35,900 --> 00:10:33,680

book conversations with mediums

221

00:10:37,520 --> 00:10:35,910

paranormal investigators talking about

222

00:10:39,710 --> 00:10:37,530

how to talk to ghosts all sorts of

223

00:10:42,410 --> 00:10:39,720

things it's your one-stop shop for

224

00:10:44,300 --> 00:10:42,420

everything paranormal it would seem now

225

00:10:48,060 --> 00:10:44,310

let's get this year's event as we keep

226
00:10:50,610 --> 00:10:48,070
saying is a 26 inch length of my mapping

227
00:10:53,760 --> 00:10:50,620
wonderful blue mountains apart from a

228
00:10:57,450 --> 00:10:53,770
certain skeptic what are the guests can

229
00:11:00,750 --> 00:10:57,460
people expect to see wow ok so apart

230
00:11:03,620 --> 00:11:00,760
from yes mr. Richard Saunders we've got

231
00:11:06,960 --> 00:11:03,630
i think around 20 different presenters

232
00:11:08,880 --> 00:11:06,970
ranging again all sorts of legs of the

233
00:11:10,980 --> 00:11:08,890
paranormal we've got some really cool

234
00:11:13,920 --> 00:11:10,990
stuff this year with around their big

235
00:11:16,950 --> 00:11:13,930
cats urban legend so Rebecca Lang and

236
00:11:18,810 --> 00:11:16,960
Mike Williams talking about that in the

237
00:11:21,870 --> 00:11:18,820
UFO side we've got people like Mary

238
00:11:25,010 --> 00:11:21,880

Rodwell and Bill shocker talking about

239

00:11:27,120 --> 00:11:25,020

like the West all incidents of the 60s

240

00:11:28,980 --> 00:11:27,130

internationally speaking I've got some

241

00:11:31,740 --> 00:11:28,990

really fun characters who had just got

242

00:11:34,590 --> 00:11:31,750

to be a great to talk to you but also a

243

00:11:37,500 --> 00:11:34,600

hoot I reckon we've got Calvin bond

244

00:11:39,870 --> 00:11:37,510

crush who's a cult object and bizarre

245

00:11:42,510 --> 00:11:39,880

artifact collector and we've got a

246

00:11:46,290 --> 00:11:42,520

comedian and psychic Karen Wong kowski

247

00:11:48,450 --> 00:11:46,300

who has just been hilarious already so

248

00:11:51,150 --> 00:11:48,460

she I think she's got to be a hit a

249

00:11:53,010 --> 00:11:51,160

comedian and a psychic she must know all

250

00:11:55,050 --> 00:11:53,020

the punchlines to her own gags before

251

00:11:58,380 --> 00:11:55,060

she says them oh dear well she says them

252

00:12:00,630 --> 00:11:58,390

up first and then goes backwards that

253

00:12:03,990 --> 00:12:00,640

does sound interesting now and I'm very

254

00:12:05,400 --> 00:12:04,000

pleased that that you decided to invite

255

00:12:07,620 --> 00:12:05,410

me along i'm sure i'll have an

256

00:12:10,230 --> 00:12:07,630

interesting time if i can put it that

257

00:12:12,090 --> 00:12:10,240

way and i hope that i'll give in my talk

258

00:12:14,490 --> 00:12:12,100

i hope i'll give your audience some

259

00:12:18,480 --> 00:12:14,500

insights what I'm going to be discussing

260

00:12:20,640 --> 00:12:18,490

is a guide or an overview to the various

261

00:12:22,530 --> 00:12:20,650

money challenges that skeptics put her

262

00:12:23,880 --> 00:12:22,540

up around the world including here in

263

00:12:26,550 --> 00:12:23,890

Australia which is a hundred thousand

264

00:12:28,910 --> 00:12:26,560

dollars for anybody who can successfully

265

00:12:32,310 --> 00:12:28,920

perform a paranormal or supernatural

266

00:12:35,190 --> 00:12:32,320

event and I wonder if I'll get people

267

00:12:37,890 --> 00:12:35,200

lining up to apply after my talk we

268

00:12:39,540 --> 00:12:37,900

shall see i'm looking forward to it so

269

00:12:42,810 --> 00:12:39,550

if you bring your application forms

270

00:12:46,800 --> 00:12:42,820

along and we'll put them out what you

271

00:12:49,320 --> 00:12:46,810

will now I as my listeners know I do

272

00:12:50,670 --> 00:12:49,330

attend many of these events and I do do

273

00:12:52,560 --> 00:12:50,680

so around the world I go to the

274

00:12:55,230 --> 00:12:52,570

mind-body-spirit festival every year he

275

00:12:57,360 --> 00:12:55,240

rested knee and what I always say to my

276

00:12:59,430 --> 00:12:57,370

listeners because most of my listeners

277

00:13:01,860 --> 00:12:59,440

of the skeptical persuasion I would

278

00:13:06,360 --> 00:13:01,870

hazard a guess is that this thing

279

00:13:09,000 --> 00:13:06,370

for skeptics are so worthwhile going to

280

00:13:10,940 --> 00:13:09,010

to see because you actually learn what

281

00:13:13,410 --> 00:13:10,950

believers and people into the paranormal

282

00:13:16,500 --> 00:13:13,420

what they really believe or what they

283

00:13:20,970 --> 00:13:16,510

really say not the cartoon caricature

284

00:13:22,829 --> 00:13:20,980

yet we might think it's really

285

00:13:24,480 --> 00:13:22,839

interesting to see where their reasoning

286

00:13:27,450 --> 00:13:24,490

comes from what we're research they've

287

00:13:30,150 --> 00:13:27,460

done how they justify their claims and

288

00:13:32,040 --> 00:13:30,160

things like that so for skeptics in

289

00:13:33,870 --> 00:13:32,050

Australia it's probably really

290

00:13:35,760 --> 00:13:33,880

worthwhile coming along check out the

291

00:13:39,060 --> 00:13:35,770

program see what talks are coming up and

292

00:13:40,860 --> 00:13:39,070

you might get some very interesting

293

00:13:44,550 --> 00:13:40,870

insights into the minds of the people

294

00:13:47,880 --> 00:13:44,560

who are into the paranormal now what is

295

00:13:49,860 --> 00:13:47,890

the best URL for people out there to

296

00:13:52,650 --> 00:13:49,870

find out more information and maybe

297

00:13:56,250 --> 00:13:52,660

score themselves a ticket yeah if you

298

00:13:58,800 --> 00:13:56,260

just head to ww parkin australia com or

299

00:14:02,460 --> 00:13:58,810

the informations there just click on the

300

00:14:05,610 --> 00:14:02,470

para con 2016 tab and it's everything

301

00:14:09,810 --> 00:14:05,620

you need it's quite easy wwp Archon

302

00:14:11,190 --> 00:14:09,820

Australia PA raco in Australia dot y all

303

00:14:12,870 --> 00:14:11,200

the informations there you can check out

304

00:14:15,750 --> 00:14:12,880

the speakers for this year because I

305

00:14:17,519 --> 00:14:15,760

notice there's a long page of speakers

306

00:14:20,190 --> 00:14:17,529

with their photographs and BIOS there

307

00:14:22,620 --> 00:14:20,200

which is pretty cool yeah and again if

308

00:14:25,829 --> 00:14:22,630

people want to come along enjoy the

309

00:14:28,440 --> 00:14:25,839

sessions of believers to skeptics will

310

00:14:30,150 --> 00:14:28,450

find everything interesting i'm sure and

311

00:14:32,850 --> 00:14:30,160

i look forward to meeting everybody

312

00:14:34,019 --> 00:14:32,860

there myself exhale we look forward to

313

00:14:36,449 --> 00:14:34,029

having you richer that's going to be a

314

00:14:39,410 --> 00:14:36,459

great weekend I think so well Alex case

315

00:14:42,079 --> 00:14:39,420

the director of Perak on Australia

316

00:15:06,030 --> 00:14:42,089

coming up next month thank you very much

317

00:15:13,120 --> 00:15:09,310

now here are a few notes a few things of

318

00:15:17,500 --> 00:15:13,130

interest to skeptics in Australia how

319

00:15:20,950 --> 00:15:17,510

the sky works an introduction to naked

320

00:15:25,150 --> 00:15:20,960

eye astronomy now this is Tuesday the 12

321

00:15:30,130 --> 00:15:25,160

April at six pm at King o'malley's irish

322

00:15:33,070 --> 00:15:30,140

pub in canberra cheap astronomy is about

323

00:15:35,110 --> 00:15:33,080

exploring the universe maybe just with

324

00:15:37,480 --> 00:15:35,120

your eyes or maybe with binoculars or

325

00:15:40,030 --> 00:15:37,490

even Adam out of the box department

326

00:15:42,550 --> 00:15:40,040

store telescope cheap astronomy is aimed

327

00:15:44,829 --> 00:15:42,560

at people who want to do real astronomy

328

00:15:48,310 --> 00:15:44,839

for under three hundred dollars and that

329

00:15:50,950 --> 00:15:48,320

includes zero dollars Steven Ehrlich is

330

00:15:52,840 --> 00:15:50,960

a camera-based podcaster who has

331

00:15:56,680 --> 00:15:52,850

presented the weekly cheap astronomy

332

00:15:58,960 --> 00:15:56,690

podcast since 2009 almost as long as the

333

00:16:01,420 --> 00:15:58,970

skeptics own he is a very amateur

334

00:16:04,150 --> 00:16:01,430

astronomer and size communicator whose

335

00:16:08,740 --> 00:16:04,160

main objective in life is to give others

336

00:16:10,600 --> 00:16:08,750

a reason to look up for more information

337

00:16:15,430 --> 00:16:10,610

head to meetup com delay you and search

338

00:16:17,260 --> 00:16:15,440

for social skeptics Canberra don't

339

00:16:21,040 --> 00:16:17,270

forget the Wollongong skeptics in the

340

00:16:23,260 --> 00:16:21,050

pub meaning in dicey rileys 333 crown

341

00:16:25,720 --> 00:16:23,270

street in Wollongong and you can find

342

00:16:28,720 --> 00:16:25,730

more information meetup looking for

343

00:16:30,610 --> 00:16:28,730

Wollongong skeptics in the pub and as

344

00:16:33,280 --> 00:16:30,620

mentioned last week Sydney dinner the

345

00:16:36,430 --> 00:16:33,290

Sydney skeptics dinner strange skeptics

346

00:16:39,190 --> 00:16:36,440

dinner on the 9th of April the evolution

347

00:16:42,329 --> 00:16:39,200

of the anti-evolution movement at the

348

00:16:44,860 --> 00:16:42,339

ride Eastwood leagues club in west ryde

349

00:16:49,600 --> 00:16:44,870

starting at six thirty for more

350

00:16:51,490 --> 00:16:49,610

information visit www the website of

351

00:16:55,199 --> 00:16:51,500

Australian skeptics click the link and

352

00:17:05,460 --> 00:16:55,209

that will see you at the dinner

353

00:17:05,470 --> 00:17:16,350

you

354

00:17:23,140 --> 00:17:19,829

from the website of Australian skeptics

355

00:17:26,230 --> 00:17:23,150

www.skype.com do you from the 23rd of

356

00:17:27,699 --> 00:17:26,240

March written by Tim mendham the

357

00:17:31,810 --> 00:17:27,709

national health and medical research

358

00:17:34,750 --> 00:17:31,820

council 3.3 million dollars on wind farm

359

00:17:35,919 --> 00:17:34,760

research money down the drain the

360

00:17:39,640 --> 00:17:35,929

national health and medical research

361

00:17:42,700 --> 00:17:39,650

council and hmrc has announced two

362

00:17:44,320 --> 00:17:42,710

grants totaling 3.3 million dollars to

363

00:17:46,600 --> 00:17:44,330

researchers at the University of New

364

00:17:48,840 --> 00:17:46,610

South Wales and Flinders University to

365

00:17:50,860 --> 00:17:48,850

quote enrich the evidence-based

366

00:17:54,039 --> 00:17:50,870

understanding of the effects of wind

367

00:17:56,110 --> 00:17:54,049

farms on human health man code this is

368

00:17:59,500 --> 00:17:56,120

despite its own year-long study that

369

00:18:02,230 --> 00:17:59,510

reported in early 2015 that there was no

370

00:18:05,799 --> 00:18:02,240

quote consistent evidence and quote that

371

00:18:08,260 --> 00:18:05,809

a problem exists the NH MRC made a

372

00:18:10,990 --> 00:18:08,270

targeted call for research last year and

373

00:18:12,820 --> 00:18:11,000

now named the recipients as professing

374

00:18:15,480 --> 00:18:12,830

guy marks from the University of New

375

00:18:17,860 --> 00:18:15,490

South Wales 1.49 million dollars and

376

00:18:20,380 --> 00:18:17,870

associate professor peter catch side

377

00:18:23,530 --> 00:18:20,390

from flinders university one point three

378

00:18:26,799 --> 00:18:23,540

six million dollars a statement by the

379

00:18:29,799 --> 00:18:26,809

NHMRC says that the University of New

380

00:18:31,240 --> 00:18:29,809

South Wales will quote investigate the

381

00:18:33,549 --> 00:18:31,250

broader social and environmental

382

00:18:35,530 --> 00:18:33,559

circumstances that may influence the

383

00:18:38,880 --> 00:18:35,540

health of people living near wind farms

384

00:18:41,440 --> 00:18:38,890

in quote studying the health impacts of

385

00:18:44,080 --> 00:18:41,450

infrasound sound waves typically

386

00:18:46,510 --> 00:18:44,090

inaudible to humans generated by wind

387

00:18:49,270 --> 00:18:46,520

turbines Flinders University will quote

388

00:18:51,610 --> 00:18:49,280

explore relationships between noise from

389

00:18:54,460 --> 00:18:51,620

wind farms and effects such as

390

00:18:56,860 --> 00:18:54,470

annoyances and reduced sleep and quality

391

00:18:58,900 --> 00:18:56,870

of life and word Simon Chapman and

392

00:19:01,539 --> 00:18:58,910

emeritus professor of Public Health at

393

00:19:04,360 --> 00:19:01,549

the University of Sydney and 2013

394

00:19:06,400 --> 00:19:04,370

skeptic of the year told The Sydney

395

00:19:08,850 --> 00:19:06,410

Morning Herald newspaper that quote

396

00:19:11,500 --> 00:19:08,860

there had been at least 25 reviews

397

00:19:13,900 --> 00:19:11,510

internationally including by the NHMRC

398

00:19:15,820 --> 00:19:13,910

that showed very little evidence of

399

00:19:18,130 --> 00:19:15,830

direct effects from wind farms then

400

00:19:20,680 --> 00:19:18,140

quote effects that did exist could be

401
00:19:22,630 --> 00:19:20,690
put down to psychosocial factors he said

402
00:19:25,030 --> 00:19:22,640
such as pre-existing and

403
00:19:27,250 --> 00:19:25,040
Timothy to win farmers resentment by

404
00:19:30,910 --> 00:19:27,260
locals who had received no benefit from

405
00:19:33,370 --> 00:19:30,920
turbines in their region and anxiety of

406
00:19:35,770 --> 00:19:33,380
perceived health impacts quote it's

407
00:19:38,530 --> 00:19:35,780
really quite disgraceful it's money

408
00:19:40,840 --> 00:19:38,540
literally poured down the drain there is

409
00:19:43,750 --> 00:19:40,850
no health or medical agency in the world

410
00:19:46,270 --> 00:19:43,760
that would give any rational priority to

411
00:19:48,070 --> 00:19:46,280
wind farms and health potentially

412
00:19:50,830 --> 00:19:48,080
hundreds of researchers who had just

413
00:19:52,930 --> 00:19:50,840

missed out on funding research would be

414

00:19:56,970 --> 00:19:52,940

angry as the money is being spent on

415

00:19:59,950 --> 00:19:56,980

wind farm research unquote NHMRC CEO

416

00:20:02,290 --> 00:19:59,960

professor and kelso so that further

417

00:20:04,060 --> 00:20:02,300

research was needed to explore the

418

00:20:07,390 --> 00:20:04,070

relationships between wind farms and

419

00:20:09,790 --> 00:20:07,400

human health quote existing research in

420

00:20:12,940 --> 00:20:09,800

this area is of poor quality and

421

00:20:15,070 --> 00:20:12,950

targeted funding is warranted to support

422

00:20:17,230 --> 00:20:15,080

high quality independent research on the

423

00:20:19,330 --> 00:20:17,240

issue to address this we need

424

00:20:21,190 --> 00:20:19,340

well-designed studies conducted by

425

00:20:23,890 --> 00:20:21,200

excellent researchers in Australian

426
00:20:25,210 --> 00:20:23,900
conditions these grants directly support

427
00:20:27,760 --> 00:20:25,220
the Australian government's commitment

428
00:20:30,370 --> 00:20:27,770
to determine any actual or potential

429
00:20:33,280 --> 00:20:30,380
effects of wind farms and quote she said

430
00:20:36,220 --> 00:20:33,290
quote NHMRC supports only the most

431
00:20:38,080 --> 00:20:36,230
outstanding research each application

432
00:20:41,110 --> 00:20:38,090
for this funding underwent the same

433
00:20:44,170 --> 00:20:41,120
stringent independent review process we

434
00:20:46,750 --> 00:20:44,180
apply to all NHMRC grant applications

435
00:20:48,850 --> 00:20:46,760
end quote the Abbott government and

436
00:20:51,400 --> 00:20:48,860
particularly former Prime Minister Tony

437
00:20:53,830 --> 00:20:51,410
Abbott and treasurer Joe Hockey were

438
00:20:56,230 --> 00:20:53,840

against wind farm on both supposed

439

00:21:01,030 --> 00:20:56,240

technical issues and aesthetic grounds

440

00:21:03,850 --> 00:21:01,040

the 2014-2015 study by NHMRC was ordered

441

00:21:05,980 --> 00:21:03,860

by the Abbott government in January 2013

442

00:21:08,080 --> 00:21:05,990

even before the results of a separate

443

00:21:10,510 --> 00:21:08,090

review of the issue by the council had

444

00:21:12,160 --> 00:21:10,520

been made public the decision for

445

00:21:15,520 --> 00:21:12,170

another review Stokes fears that the

446

00:21:18,250 --> 00:21:15,530

government was being swayed by anti wind

447

00:21:21,310 --> 00:21:18,260

farm campaigners including Morris Newman

448

00:21:24,190 --> 00:21:21,320

a senior business advisor to Abbott I'm

449

00:21:27,190 --> 00:21:24,200

sure we'll be hearing more about wind

450

00:21:29,210 --> 00:21:27,200

farms and their supposed health impacts

451

00:21:32,240 --> 00:21:29,220

further down the track

452

00:21:55,279 --> 00:21:32,250

however that was a story by Tim mendham

453

00:22:02,390 --> 00:21:55,289

has published at ww skeptics calm razvi

454

00:22:04,669 --> 00:22:02,400

3 30 minute video fear of Islamic law be

455

00:22:06,350 --> 00:22:04,679

so skeptical museum was not just a

456

00:22:07,940 --> 00:22:06,360

shikara prohodit car that we need a live

457

00:22:09,529 --> 00:22:07,950

mas clear it algebra class champ

458

00:22:11,210 --> 00:22:09,539

associate nash podcast Petrova hooded

459

00:22:13,310 --> 00:22:11,220

garden again what Custance White's

460

00:22:16,159 --> 00:22:13,320

escaped a site editor bombers use not

461

00:22:20,510 --> 00:22:16,169

initiated st at the web / skeptics

462

00:22:22,190 --> 00:22:20,520

society Rajguru everybody my name is

463

00:22:24,409 --> 00:22:22,200

carol and i'm the founder of skeptics

464

00:22:26,450 --> 00:22:24,419

society russia come visit us in moscow

465

00:22:27,919 --> 00:22:26,460

and our bi-weekly meetings and also

466

00:22:29,659 --> 00:22:27,929

listen to our weekly podcast which is

467

00:22:31,730 --> 00:22:29,669

called skeptic and the site where you

468

00:22:44,260 --> 00:22:31,740

can find all of that is skeptics society

469

00:22:52,570 --> 00:22:48,950

here's my not spooky action at a

470

00:22:57,950 --> 00:22:55,730

I'm here on an occasional bench in glee

471

00:22:59,930 --> 00:22:57,960

but that's right part of Sydney this is

472

00:23:00,860 --> 00:22:59,940

where the elite like to hang out and

473

00:23:02,450 --> 00:23:00,870

think that they're better than everyone

474

00:23:04,490 --> 00:23:02,460

else and I'm sitting on the bench going

475

00:23:06,110 --> 00:23:04,500

to them as they go past but here's

476
00:23:08,120 --> 00:23:06,120
someone I would never go to do because

477
00:23:09,710 --> 00:23:08,130
he has one of the most interesting

478
00:23:11,870 --> 00:23:09,720
science shows in Australia because it's

479
00:23:13,490 --> 00:23:11,880
been going for ages it covers lots of

480
00:23:15,200 --> 00:23:13,500
topics sometimes it's political

481
00:23:16,760 --> 00:23:15,210
sometimes it's not but i'll let him

482
00:23:19,430 --> 00:23:16,770
introduce himself and welcome to my

483
00:23:21,769 --> 00:23:19,440
occasional bench hello may not how are

484
00:23:23,360 --> 00:23:21,779
you well I'm just fine it's a lovely day

485
00:23:26,029 --> 00:23:23,370
who've we got here and tell us a bit

486
00:23:27,769 --> 00:23:26,039
about your show imean wolf and I

487
00:23:29,630 --> 00:23:27,779
produced diffusion science radio a

488
00:23:32,120 --> 00:23:29,640

weekly science and technology podcast

489

00:23:33,409 --> 00:23:32,130

and community radio show and how long

490

00:23:35,029 --> 00:23:33,419

you been doing this for how long could

491

00:23:36,590 --> 00:23:35,039

have people been listening to your voice

492

00:23:38,990 --> 00:23:36,600

on the show although it's been going for

493

00:23:40,820 --> 00:23:39,000

ages hasn't it it has I joined the show

494

00:23:43,029 --> 00:23:40,830

in 1998 although it had already been

495

00:23:45,440 --> 00:23:43,039

going for a few years before then and

496

00:23:47,389 --> 00:23:45,450

when it comes to long-running science

497

00:23:51,019 --> 00:23:47,399

shows in Australia there's yourself

498

00:23:53,389 --> 00:23:51,029

there's the ABC science show that we got

499

00:23:57,080 --> 00:23:53,399

any think any older than that it's still

500

00:23:58,519 --> 00:23:57,090

going not that I'm aware of and what's

501
00:24:00,710 --> 00:23:58,529
the main subject of your show because

502
00:24:01,610 --> 00:24:00,720
there's so many disciplines in science

503
00:24:03,769 --> 00:24:01,620
oh by the way have you got a degree

504
00:24:07,010 --> 00:24:03,779
yourself I do have a degree in applied

505
00:24:10,940 --> 00:24:07,020
science from UTS majoring in physics and

506
00:24:14,570 --> 00:24:10,950
computing Wow so can you explain Planck

507
00:24:16,159 --> 00:24:14,580
time to me Planck time is see if I can

508
00:24:18,500 --> 00:24:16,169
remember the numbers i think it's 10 to

509
00:24:22,130 --> 00:24:18,510
the minus 37 seconds which is the

510
00:24:24,889 --> 00:24:22,140
shortest amount of time that things can

511
00:24:26,389 --> 00:24:24,899
happen in wow I love that I love the

512
00:24:27,860 --> 00:24:26,399
whole idea of Planck time it blows my

513
00:24:29,180 --> 00:24:27,870

mind by the way we are sitting on a

514

00:24:30,860 --> 00:24:29,190

street so you will get Street noises

515

00:24:32,149 --> 00:24:30,870

you'll get people walking past going

516

00:24:33,590 --> 00:24:32,159

what the hell's going because some

517

00:24:35,000 --> 00:24:33,600

people might think we're going live mine

518

00:24:36,889 --> 00:24:35,010

there they might think we're going live

519

00:24:38,180 --> 00:24:36,899

hmm and because where can we find your

520

00:24:40,130 --> 00:24:38,190

show too we're going to talk all about

521

00:24:43,310 --> 00:24:40,140

it there where can they find it so I'm

522

00:24:46,220 --> 00:24:43,320

on WWF fusion radio com and you can find

523

00:24:47,990 --> 00:24:46,230

me on iTunes science 360 dog of the

524

00:24:49,940 --> 00:24:48,000

National Science Foundation's internet

525

00:24:52,700 --> 00:24:49,950

radio station and astronomy dot FM and

526

00:24:54,620 --> 00:24:52,710

how did you get into it why did you

527

00:24:57,409 --> 00:24:54,630

decide ok I've got a degree in physics

528

00:24:58,460 --> 00:24:57,419

I'll go into radio well I joined a group

529

00:25:00,020 --> 00:24:58,470

called the Austrian science

530

00:25:02,299 --> 00:25:00,030

communicators the troublemakers

531

00:25:05,299 --> 00:25:02,309

troublemakers well that's why I joined

532

00:25:06,770 --> 00:25:05,309

and I got an email over their mailing

533

00:25:10,220 --> 00:25:06,780

list saying would you like to be in

534

00:25:12,409 --> 00:25:10,230

radio and it's mentioned that there's a

535

00:25:14,330 --> 00:25:12,419

science program onto ser they're looking

536

00:25:16,370 --> 00:25:14,340

for volunteers and you'd be trained up

537

00:25:18,710 --> 00:25:16,380

so I went and tried out and really

538

00:25:19,909 --> 00:25:18,720

enjoyed it ok and what keeps you doing

539

00:25:21,200 --> 00:25:19,919

it after all these years because you've

540

00:25:22,909 --> 00:25:21,210

got to put out a show every week and

541

00:25:26,360 --> 00:25:22,919

it's half hour is it it's a half-hour

542

00:25:29,029 --> 00:25:26,370

show every week I really enjoy talking

543

00:25:30,560 --> 00:25:29,039

to scientists and engineers and people

544

00:25:33,470 --> 00:25:30,570

who are making and doing interesting

545

00:25:35,029 --> 00:25:33,480

things hmmm yes sorry yeah oh and what

546

00:25:36,649 --> 00:25:35,039

is the area that interests you the most

547

00:25:38,990 --> 00:25:36,659

have you got your own little private

548

00:25:40,520 --> 00:25:39,000

little fetisshy area of science you go

549

00:25:44,720 --> 00:25:40,530

that's good because I've seen you do

550

00:25:46,880 --> 00:25:44,730

shows on 3d baldness cures well the

551
00:25:48,799 --> 00:25:46,890
problem is I have a very wide range in

552
00:25:50,960 --> 00:25:48,809
science so most scientists specialized

553
00:25:52,580 --> 00:25:50,970
almost everybody specializes very very

554
00:25:55,909 --> 00:25:52,590
narrowly whereas I'm interested in

555
00:25:58,399 --> 00:25:55,919
though almost all of it so I read very

556
00:26:00,289 --> 00:25:58,409
very very widely I'm very tuned

557
00:26:01,580 --> 00:26:00,299
futuristic technology but I'm also

558
00:26:03,260 --> 00:26:01,590
mentioning things like quantum physics

559
00:26:05,389 --> 00:26:03,270
and psychology and medicine and all

560
00:26:08,510 --> 00:26:05,399
sorts of things so could we put you as a

561
00:26:10,850 --> 00:26:08,520
transhumanist we oh yeah absolutely i

562
00:26:13,070 --> 00:26:10,860
joined the transhumanist last year and

563
00:26:15,980 --> 00:26:13,080

yeah there's a transfused australia

564

00:26:18,110 --> 00:26:15,990

group based in sydney and we've been

565

00:26:21,049 --> 00:26:18,120

supporting the science party for the

566

00:26:22,070 --> 00:26:21,059

election oh ok now until actually tell

567

00:26:24,200 --> 00:26:22,080

us a bit more about this because I want

568

00:26:25,520 --> 00:26:24,210

to get on to how politics is is a little

569

00:26:26,720 --> 00:26:25,530

bit into your show there so what are the

570

00:26:29,330 --> 00:26:26,730

science party all about are they

571

00:26:31,850 --> 00:26:29,340

represented nationally in Australia they

572

00:26:33,889 --> 00:26:31,860

are they're one of the micro parties so

573

00:26:35,180 --> 00:26:33,899

they've got a wide range of policies on

574

00:26:37,010 --> 00:26:35,190

all sorts of things but of course

575

00:26:39,649 --> 00:26:37,020

they're very much for promoting the

576
00:26:41,659 --> 00:26:39,659
funding or an infrastructure for science

577
00:26:43,879 --> 00:26:41,669
in Australia how would you describe the

578
00:26:47,269 --> 00:26:43,889
state of science and development and

579
00:26:49,370 --> 00:26:47,279
research in Australia in 2016 it's in

580
00:26:52,070 --> 00:26:49,380
trouble it's in major trouble because

581
00:26:53,690 --> 00:26:52,080
both the previous Labour government and

582
00:26:56,690 --> 00:26:53,700
the present liberal national government

583
00:26:58,820 --> 00:26:56,700
have slashed CSIRO funding so badly in

584
00:27:00,350 --> 00:26:58,830
CSR oh and the universities the only

585
00:27:01,789 --> 00:27:00,360
groups doing research in Australia the

586
00:27:02,649 --> 00:27:01,799
commercial companies do practically none

587
00:27:05,589 --> 00:27:02,659
so

588
00:27:08,200 --> 00:27:05,599

no they got rid of all this expertise

589

00:27:09,759 --> 00:27:08,210

all this speciality and these people you

590

00:27:11,320 --> 00:27:09,769

can't just turn it on and off like a tap

591

00:27:12,399 --> 00:27:11,330

that will have to go somewhere else to

592

00:27:14,710 --> 00:27:12,409

be able to pay their rent or their

593

00:27:16,210 --> 00:27:14,720

mortgage or live and as a result all

594

00:27:17,619 --> 00:27:16,220

that expertise is lost to Australia

595

00:27:19,450 --> 00:27:17,629

forever and it won't be done elsewhere

596

00:27:21,310 --> 00:27:19,460

in the world because a lot of it's about

597

00:27:23,680 --> 00:27:21,320

the Australian climate or Australian

598

00:27:26,080 --> 00:27:23,690

species or the environment it'll never

599

00:27:28,029 --> 00:27:26,090

come back well I mean dr. rach's example

600

00:27:29,349 --> 00:27:28,039

of that what what else can she do what

601
00:27:31,330 --> 00:27:29,359
else can she do I can certainly

602
00:27:33,070 --> 00:27:31,340
understand that I mean if we are

603
00:27:34,960 --> 00:27:33,080
concerned about science I mean is there

604
00:27:35,979 --> 00:27:34,970
anyone we get who do we can plan to at

605
00:27:38,229 --> 00:27:35,989
the moment because I believe that the

606
00:27:40,950 --> 00:27:38,239
Minister for sciences is a big fan of

607
00:27:46,860 --> 00:27:40,960
certain non evidence-based practices

608
00:27:48,780 --> 00:27:46,870
well yes so we have our Minister for

609
00:27:50,990 --> 00:27:48,790
and that's the Minister for public

610
00:27:55,170 --> 00:27:51,000
transport just driving past now

611
00:27:56,910 --> 00:27:55,180
absolutely um we've got our Minister for

612
00:27:58,770 --> 00:27:56,920
industry is also our Minister for

613
00:28:00,360 --> 00:27:58,780

science now which is a step up from

614

00:28:03,720 --> 00:28:00,370

previously where we didn't have a

615

00:28:05,340 --> 00:28:03,730

minister for science at all and yet they

616

00:28:06,450 --> 00:28:05,350

don't believe that science is important

617

00:28:08,549 --> 00:28:06,460

and they believe it should all be very

618

00:28:10,130 --> 00:28:08,559

very commercial as soon as possible so

619

00:28:12,330 --> 00:28:10,140

they don't understand the concept of

620

00:28:13,920 --> 00:28:12,340

long-term research they don't realize

621

00:28:15,810 --> 00:28:13,930

that all the phones and all the other

622

00:28:17,940 --> 00:28:15,820

elit ranks they're using a based on

623

00:28:20,430 --> 00:28:17,950

quantum physics which you know 50 years

624

00:28:22,140 --> 00:28:20,440

ago nobody saw a future in mmm tell us

625

00:28:24,810 --> 00:28:22,150

more about diffusion science and it's

626

00:28:26,460 --> 00:28:24,820

it's a very I compared to bunga bunga or

627

00:28:27,840 --> 00:28:26,470

one of my comedy shows it's a more

628

00:28:29,640 --> 00:28:27,850

straightforward show but that's what you

629

00:28:31,919 --> 00:28:29,650

want but i believe you have had one

630

00:28:34,560 --> 00:28:31,929

complaint about your News theme which by

631

00:28:35,910 --> 00:28:34,570

the way I quite like good news them yes

632

00:28:37,830 --> 00:28:35,920

I started putting the show out on

633

00:28:40,200 --> 00:28:37,840

youtube from in December last year and

634

00:28:42,030 --> 00:28:40,210

YouTube is a more interactive medium

635

00:28:46,049 --> 00:28:42,040

than podcasts I would use the word

636

00:28:47,820 --> 00:28:46,059

robust so I very rarely get emails from

637

00:28:49,710 --> 00:28:47,830

listeners I do get some but I don't get

638

00:28:51,660 --> 00:28:49,720

them as often as perhaps would be good

639

00:28:53,340 --> 00:28:51,670

to get feedback but as soon as I put a

640

00:28:55,799 --> 00:28:53,350

show up on youtube I immediately got

641

00:28:58,860 --> 00:28:55,809

someone complaining that the news theme

642

00:29:00,480 --> 00:28:58,870

in fact all of the music that the theme

643

00:29:08,120 --> 00:29:00,490

shot theme music for the show as well

644

00:29:13,250 --> 00:29:11,120

fusion the International Science radio

645

00:29:16,760 --> 00:29:13,260

show can the bouncer and the doors of

646

00:29:19,070 --> 00:29:16,770

perception air the good the bad the ugly

647

00:29:22,750 --> 00:29:19,080

he gets pretty exotic the myths the

648

00:29:25,310 --> 00:29:22,760

truth toxicology asteroseismology

649

00:29:27,980 --> 00:29:25,320

magnetism the dark side genetically

650

00:29:42,540 --> 00:29:27,990

engineered potatoes planetoid planetoid

651
00:29:47,270 --> 00:29:44,920
mmm

652
00:29:49,460 --> 00:29:47,280
I've got to say just like the skeptic

653
00:29:52,010 --> 00:29:49,470
zone itself you would hear very much to

654
00:29:53,780 --> 00:29:52,020
the copyright rule so it's all copyright

655
00:29:56,540 --> 00:29:53,790
free musical stuff you can find yourself

656
00:29:58,490 --> 00:29:56,550
so you know you are a bit limited I am a

657
00:29:59,750 --> 00:29:58,500
bit limited so the only alternative is

658
00:30:02,180 --> 00:29:59,760
to get someone to compose something

659
00:30:05,600 --> 00:30:02,190
especially and that's a lot of work I

660
00:30:07,730 --> 00:30:05,610
mean I'm not a composer but the actual

661
00:30:10,430 --> 00:30:07,740
theme for diffusion was composed for us

662
00:30:12,440 --> 00:30:10,440
about eight years ago and and tell me

663
00:30:14,210 --> 00:30:12,450

how what's your workflow like for your

664

00:30:15,440 --> 00:30:14,220

particular podcast because people often

665

00:30:17,120 --> 00:30:15,450

think I they listen to it it's a

666

00:30:20,510 --> 00:30:17,130

half-hour show he must whip that up in a

667

00:30:22,430 --> 00:30:20,520

day or something so it it's it's almost

668

00:30:24,350 --> 00:30:22,440

like a full-time job really because I've

669

00:30:26,540 --> 00:30:24,360

got to organize people I've got to

670

00:30:29,270 --> 00:30:26,550

travel out to them because I don't have

671

00:30:31,490 --> 00:30:29,280

a radio studio to work in I like you I'm

672

00:30:33,590 --> 00:30:31,500

on the street in the labs in the offices

673

00:30:36,620 --> 00:30:33,600

and so I have to travel to them find

674

00:30:38,720 --> 00:30:36,630

them set them up and get things enough

675

00:30:40,430 --> 00:30:38,730

ahead of time that I'm not struggling to

676
00:30:41,990 --> 00:30:40,440
get the show ready at the last minute by

677
00:30:43,310 --> 00:30:42,000
the next week have you thought of

678
00:30:45,650 --> 00:30:43,320
getting yourself an occasional bench

679
00:30:48,140 --> 00:30:45,660
like I have here it might make all the

680
00:30:49,850 --> 00:30:48,150
difference I mean the whole idea of not

681
00:30:51,140 --> 00:30:49,860
having walls on your recording studio is

682
00:30:53,000 --> 00:30:51,150
a bit of a disappointment when bus goes

683
00:30:54,350 --> 00:30:53,010
past but you know it's possible thinking

684
00:30:56,840 --> 00:30:54,360
there and when he got coming up in the

685
00:30:58,310 --> 00:30:56,850
near future Onderon on diffusion science

686
00:31:01,640 --> 00:30:58,320
radio what can we hear in the coming

687
00:31:03,500 --> 00:31:01,650
weeks more from Pat cat who was talking

688
00:31:06,680 --> 00:31:03,510

about artificial intelligence and toys

689

00:31:08,150 --> 00:31:06,690

Barbie dolls with AI 3d printers for

690

00:31:10,850 --> 00:31:08,160

children all sorts of things like that

691

00:31:12,470 --> 00:31:10,860

I've got an interview coming up with

692

00:31:15,350 --> 00:31:12,480

somebody's talking about slime molds

693

00:31:17,390 --> 00:31:15,360

which are organisms that can solve mazes

694

00:31:19,970 --> 00:31:17,400

without having a nervous system now I

695

00:31:22,490 --> 00:31:19,980

see there was a movie about this I mean

696

00:31:24,290 --> 00:31:22,500

is it like watching paint dry the

697

00:31:26,990 --> 00:31:24,300

creeping garden it would be except they

698

00:31:29,000 --> 00:31:27,000

speeded up honestly that helps a lot so

699

00:31:30,530 --> 00:31:29,010

you can put a slime mold in a maze and

700

00:31:34,250 --> 00:31:30,540

it will find its way through the maze

701
00:31:36,890 --> 00:31:34,260
and solve the maze for you is that cause

702
00:31:38,800 --> 00:31:36,900
it turns out to be fig tactile there's a

703
00:31:43,610 --> 00:31:38,810
word you don't hear much outside the

704
00:31:45,230 --> 00:31:43,620
realm of insect insect extermination

705
00:31:47,690 --> 00:31:45,240
usually because i believe cockroaches

706
00:31:50,000 --> 00:31:47,700
are feed tactile what does that mean

707
00:31:51,620 --> 00:31:50,010
well I think it means and please feel

708
00:31:53,450 --> 00:31:51,630
free to write to skeptics own drop us a

709
00:31:54,770 --> 00:31:53,460
line I think fig tactile means that they

710
00:31:56,870 --> 00:31:54,780
like to have contact with as many

711
00:31:57,680 --> 00:31:56,880
surfaces as once so you normally see a

712
00:31:59,869 --> 00:31:57,690
cockroach

713
00:32:01,639 --> 00:31:59,879

around a corner or along the top so they

714

00:32:03,619 --> 00:32:01,649

like to have contact with the wall and

715

00:32:04,879 --> 00:32:03,629

ceiling at the same time that sort of

716

00:32:06,350 --> 00:32:04,889

thing Cajun you'll see them on the floor

717

00:32:08,690 --> 00:32:06,360

in that but they'd like to contact as

718

00:32:11,180 --> 00:32:08,700

many surfaces as possible and maybe the

719

00:32:12,889 --> 00:32:11,190

mold is like that so there's the maximum

720

00:32:14,180 --> 00:32:12,899

they see the trough so they go through

721

00:32:16,940 --> 00:32:14,190

the trough instead of going over the

722

00:32:18,499 --> 00:32:16,950

wall it's kind of what they do so it's a

723

00:32:20,600 --> 00:32:18,509

networking sort of thing almost like

724

00:32:22,279 --> 00:32:20,610

neurons neural networks so which is what

725

00:32:24,769 --> 00:32:22,289

it kind of looks like so when you see it

726

00:32:26,240 --> 00:32:24,779

speed it up they they start to fill up

727

00:32:28,249 --> 00:32:26,250

the maze to go from where they started

728

00:32:32,210 --> 00:32:28,259

to where the food sources at the end and

729

00:32:34,279 --> 00:32:32,220

then they eliminate all the dead ends

730

00:32:35,810 --> 00:32:34,289

until you've just got one line going

731

00:32:37,460 --> 00:32:35,820

from the beginning of the maze all the

732

00:32:39,200 --> 00:32:37,470

way through to the solution to the maze

733

00:32:41,119 --> 00:32:39,210

and we want to put a call out for

734

00:32:42,409 --> 00:32:41,129

anybody who's got some science going on

735

00:32:43,909 --> 00:32:42,419

that they think people should know about

736

00:32:46,009 --> 00:32:43,919

they'll want to contact you and go hey

737

00:32:48,470 --> 00:32:46,019

maybe I've got a story for you oh please

738

00:32:51,860 --> 00:32:48,480

so if you can email me at science at

739

00:32:53,330 --> 00:32:51,870

diffusion radio com then I would love to

740

00:32:55,039 --> 00:32:53,340

come and interview you if you're in

741

00:32:58,639 --> 00:32:55,049

Sydney or if you're not we could do it

742

00:33:00,019 --> 00:32:58,649

by phone or by Skype people want to hear

743

00:33:01,730 --> 00:33:00,029

the story is there's so much really

744

00:33:03,820 --> 00:33:01,740

interesting science going on in

745

00:33:06,049 --> 00:33:03,830

Australia's universities in CSIRO and

746

00:33:07,909 --> 00:33:06,059

also the makers the people are doing in

747

00:33:09,950 --> 00:33:07,919

citizen amateur science and the

748

00:33:11,360 --> 00:33:09,960

engineers and the entrepreneurs nobody

749

00:33:13,249 --> 00:33:11,370

gets to hear about most of it it never

750

00:33:14,779 --> 00:33:13,259

reaches the mainstream and where do you

751

00:33:19,490 --> 00:33:14,789

find yourself in the role of fighting

752

00:33:21,649 --> 00:33:19,500

pseudoscience well I try to well another

753

00:33:24,200 --> 00:33:21,659

bus here we have a bit of genuine public

754

00:33:27,139 --> 00:33:24,210

transport coming along it's the 4312

755

00:33:29,419 --> 00:33:27,149

Martin place one customer hopping on

756

00:33:30,919 --> 00:33:29,429

there boldly stepping on there using his

757

00:33:32,539 --> 00:33:30,929

opal card bit of a near-field

758

00:33:34,490 --> 00:33:32,549

communication going on there for the

759

00:33:36,230 --> 00:33:34,500

card man walking long staring at us

760

00:33:38,480 --> 00:33:36,240

wearing glasses polarized that's also

761

00:33:40,249 --> 00:33:38,490

science oh and and of course he's been

762

00:33:43,879 --> 00:33:40,259

tracked because all journeys on opal I

763

00:33:47,330 --> 00:33:43,889

kept forever Oh forever why would

764

00:33:49,220 --> 00:33:47,340

someone in in 28 you want to know when I

765

00:33:50,810 --> 00:33:49,230

was heading off to Martin place in case

766

00:33:52,340 --> 00:33:50,820

you do something that they don't like

767

00:33:53,789 --> 00:33:52,350

they can look back in your history and

768

00:33:56,009 --> 00:33:53,799

work out what you did

769

00:33:58,619 --> 00:33:56,019

right okay yes actually do actually

770

00:34:00,629 --> 00:33:58,629

cover the surveillance state I have been

771

00:34:02,909 --> 00:34:00,639

it's one of those things do you cover

772

00:34:05,609 --> 00:34:02,919

politics on your science and technology

773

00:34:07,739 --> 00:34:05,619

show and I think as long as that well I

774

00:34:10,319 --> 00:34:07,749

hope I don't lose too many people when I

775

00:34:12,240 --> 00:34:10,329

do some people really like it a lot of

776

00:34:13,919 --> 00:34:12,250

Americans might be unhappy about the

777

00:34:16,079 --> 00:34:13,929

Australian focus but something like

778

00:34:17,700 --> 00:34:16,089

privacy is really important I have to

779

00:34:19,649 --> 00:34:17,710

say the Americans you just you just have

780

00:34:21,720 --> 00:34:19,659

to suck on that a bit because some we

781

00:34:24,899 --> 00:34:21,730

are constantly subjected to your

782

00:34:26,669 --> 00:34:24,909

cultural imperialism of us nature and

783

00:34:28,349 --> 00:34:26,679

your look you've got to listen to our

784

00:34:29,960 --> 00:34:28,359

science show we've got to watch Bojack

785

00:34:32,549 --> 00:34:29,970

horseman it's as simple as that

786

00:34:34,049 --> 00:34:32,559

absolutely and some Americans really

787

00:34:35,460 --> 00:34:34,059

like that it's not focused on the u.s.

788

00:34:38,970 --> 00:34:35,470

hang on I've got a u.s. call coming in

789

00:34:42,119 --> 00:34:38,980

right now hang on live radio

790

00:34:43,409 --> 00:34:42,129

look before we interrupted by life my

791

00:34:45,599 --> 00:34:43,419

phone that was and by the way that was

792

00:34:46,919 --> 00:34:45,609

Donald Trump on the phone he just yelled

793

00:34:50,119 --> 00:34:46,929

at me and tried to start a fight but I

794

00:34:52,260 --> 00:34:50,129

wouldn't get into it as you shouldn't

795

00:34:53,669 --> 00:34:52,270

i'm looking i'm a bit of horn blowing

796

00:34:56,159 --> 00:34:53,679

there let's give these people away as

797

00:34:58,560 --> 00:34:56,169

they go past hello well look let's just

798

00:35:00,240 --> 00:34:58,570

sum up now bye-bye just let's get it

799

00:35:01,620 --> 00:35:00,250

look we want people listen to skip exam

800

00:35:03,510 --> 00:35:01,630

beyond people listening to diffusion

801
00:35:05,099 --> 00:35:03,520
science radio because they've got very

802
00:35:07,380 --> 00:35:05,109
different focuses this is a magazine

803
00:35:09,990 --> 00:35:07,390
focus yours do you often have one story

804
00:35:12,030 --> 00:35:10,000
for the whole show i try to head make it

805
00:35:14,130 --> 00:35:12,040
a magazine in the sense that i'll have a

806
00:35:16,290 --> 00:35:14,140
news section and then maybe a few things

807
00:35:18,090 --> 00:35:16,300
lately if i get a really long interview

808
00:35:19,440 --> 00:35:18,100
then i'll let it go for 20 minutes but i

809
00:35:21,150 --> 00:35:19,450
try to have things shorter and more

810
00:35:22,950 --> 00:35:21,160
varied than that also get over to

811
00:35:25,080 --> 00:35:22,960
diffusion science radio and the question

812
00:35:29,010 --> 00:35:25,090
i love asking people here if there was a

813
00:35:30,990 --> 00:35:29,020

kind of woo a kind of paranormal a kind

814

00:35:33,090 --> 00:35:31,000

of pseudoscience it was actually real

815

00:35:36,690 --> 00:35:33,100

and you could pick one what would that

816

00:35:38,400 --> 00:35:36,700

be in it's really hard because there's

817

00:35:41,099 --> 00:35:38,410

so many interesting things that you

818

00:35:43,830 --> 00:35:41,109

could claim to do so he look I've us DJ

819

00:35:46,230 --> 00:35:43,840

go through that I've asked the amazing

820

00:35:47,910 --> 00:35:46,240

Randi or amazing as we call in and even

821

00:35:49,440 --> 00:35:47,920

he finds that difficult to pick one even

822

00:35:51,349 --> 00:35:49,450

with their wealth of experience i guess

823

00:35:53,640 --> 00:35:51,359

i've seen so much but what do you reckon

824

00:35:55,530 --> 00:35:53,650

there's so many implications if they

825

00:35:57,000 --> 00:35:55,540

were real like if they suddenly became

826
00:35:58,620 --> 00:35:57,010
real and they weren't real before that's

827
00:36:00,540 --> 00:35:58,630
different ones if they were always real

828
00:36:03,210 --> 00:36:00,550
and we just didn't know hmm so like if

829
00:36:05,190 --> 00:36:03,220
you could the whole magical healing if

830
00:36:07,109 --> 00:36:05,200
you could actually really heal someone

831
00:36:09,090 --> 00:36:07,119
in a way that we can't currently do with

832
00:36:11,280 --> 00:36:09,100
medical science that would save lots of

833
00:36:13,140 --> 00:36:11,290
lives and their to be amazing but if it

834
00:36:15,330 --> 00:36:13,150
had always been around that changes all

835
00:36:17,040 --> 00:36:15,340
the laws of physics and observation and

836
00:36:19,859 --> 00:36:17,050
everything they might have had

837
00:36:21,390 --> 00:36:19,869
consequences and deepak choke but he

838
00:36:24,540 --> 00:36:21,400

could probably die from doing the I told

839

00:36:26,099 --> 00:36:24,550

you so dance so hard he just filled up

840

00:36:27,480 --> 00:36:26,109

all that exhausted cuz he would if it

841

00:36:29,670 --> 00:36:27,490

was around there but we certainly

842

00:36:32,070 --> 00:36:29,680

haven't seen science-based evidence of

843

00:36:33,510 --> 00:36:32,080

Reiki for example well exactly so we

844

00:36:35,930 --> 00:36:33,520

haven't seen science-based evidence of

845

00:36:38,520 --> 00:36:35,940

any of the magical healing at all and

846

00:36:41,220 --> 00:36:38,530

because it doesn't work as far as I can

847

00:36:43,410 --> 00:36:41,230

tell but a show that does work in a guy

848

00:36:45,300 --> 00:36:43,420

that works hard is in and please tell us

849

00:36:48,060 --> 00:36:45,310

where we can find diffusion science once

850

00:36:51,460 --> 00:36:48,070

again so if you go to diffusion radio

851

00:36:54,940 --> 00:36:51,470

com or search on itunes or facebook

852

00:36:57,400 --> 00:36:54,950

at Ian Wolf on Twitter and I'm also on

853

00:36:58,810 --> 00:36:57,410

science 360 gov and I believe you're

854

00:37:00,490 --> 00:36:58,820

just thinking of getting into the whole

855

00:37:02,020 --> 00:37:00,500

patreon thing in the whole paypal thing

856

00:37:05,460 --> 00:37:02,030

so if people want to contribute they can

857

00:37:07,510 --> 00:37:05,470

absolutely go to patreon.com/scishow

858

00:37:09,450 --> 00:37:07,520

look thank you for time here and thank

859

00:37:23,940 --> 00:37:09,460

you for joining me on the skeptic zone

860

00:37:31,650 --> 00:37:27,910

hey Kenny oh hi Tom I stay at this part

861

00:37:34,059 --> 00:37:31,660

yeah yes great weather oh look a unicorn

862

00:37:37,240 --> 00:37:34,069

unicorn there are no such things as

863

00:37:39,430 --> 00:37:37,250

unicorns silly yes there is no there

864

00:37:42,549 --> 00:37:39,440

isn't hey guys what are you arguing

865

00:37:44,799 --> 00:37:42,559

about tom thinks unicorns are real hey

866

00:37:47,799 --> 00:37:44,809

so are let's look this up in the

867

00:37:49,569 --> 00:37:47,809

skeptics dictionary the what how can we

868

00:37:51,250 --> 00:37:49,579

do this in this park there is the

869

00:37:52,960 --> 00:37:51,260

computer here you guys probably don't

870

00:37:56,020 --> 00:37:52,970

know about the skeptics dictionary app

871

00:37:59,950 --> 00:37:56,030

available now for iPhone iPad and iPod

872

00:38:01,510 --> 00:37:59,960

touch in the app store Wow cool the app

873

00:38:03,730 --> 00:38:01,520

lets you access all of the great

874

00:38:06,309 --> 00:38:03,740

skeptics dictionary articles when you're

875

00:38:09,010 --> 00:38:06,319

on the go here let me look up unicorns

876

00:38:11,559 --> 00:38:09,020

now cool Kenny prepare to be proven

877

00:38:15,700 --> 00:38:11,569

wrong it says here the Unicorn is a

878

00:38:16,960 --> 00:38:15,710

creature from fables aha actually I see

879

00:38:19,539 --> 00:38:16,970

now that someone just dumped their ice

880

00:38:34,579 --> 00:38:19,549

cream cone on that horse's head thanks

881

00:38:39,749 --> 00:38:37,109

now here's a little updated are

882

00:38:41,180 --> 00:38:39,759

published at the Australian com do you

883

00:38:44,849 --> 00:38:41,190

buy into Colin book avec

884

00:38:48,109 --> 00:38:44,859

anti-vaccination lobby flags high court

885

00:38:50,759 --> 00:38:48,119

challenge to know jab no pay

886

00:38:52,799 --> 00:38:50,769

anti-vaccination activists are seeking

887

00:38:56,999 --> 00:38:52,809

funds to pay for a shot at overturning

888

00:39:00,269 --> 00:38:57,009

the government's no job at no pay policy

889

00:39:03,239 --> 00:39:00,279

in the High Court however they insist

890

00:39:05,579 --> 00:39:03,249

they cannot say just yet who will

891

00:39:07,799 --> 00:39:05,589

represent them or on what grounds they

892

00:39:10,529 --> 00:39:07,809

will seek to defeat the legislation

893

00:39:12,900 --> 00:39:10,539

under the policy parents who fail to

894

00:39:15,269 --> 00:39:12,910

fully vaccinate their children can lose

895

00:39:17,549 --> 00:39:15,279

access to the child care benefit the

896

00:39:20,549 --> 00:39:17,559

childcare rebate and the Family Tax

897

00:39:22,609 --> 00:39:20,559

Benefit Part A supplement unless they

898

00:39:25,289 --> 00:39:22,619

have medical grounds for their actions

899

00:39:28,049 --> 00:39:25,299

conscientious objection is not a valid

900

00:39:30,359 --> 00:39:28,059

reason under the legislation which came

901
00:39:32,609 --> 00:39:30,369
into effect on the first of January for

902
00:39:34,829 --> 00:39:32,619
failing to vaccinate children the

903
00:39:38,400 --> 00:39:34,839
Australian vaccination skeptics Network

904
00:39:41,219 --> 00:39:38,410
founder Meryl Dory said the group had

905
00:39:44,309 --> 00:39:41,229
received quote preliminary oral advice

906
00:39:46,799 --> 00:39:44,319
when quote from a barrister including it

907
00:39:49,650 --> 00:39:46,809
had grounds to challenge the law miss

908
00:39:52,620 --> 00:39:49,660
Dory said the barrister had found quote

909
00:39:54,809 --> 00:39:52,630
at least one section of the Constitution

910
00:39:57,900 --> 00:39:54,819
in quote which was breached by the

911
00:40:00,509 --> 00:39:57,910
legislation quote I am not free to tell

912
00:40:02,489 --> 00:40:00,519
you what it is because I can't release

913
00:40:05,430 --> 00:40:02,499

any information about our advice then

914

00:40:06,959 --> 00:40:05,440

quote ms Dory said she also said she

915

00:40:08,640 --> 00:40:06,969

could not reveal the name of the

916

00:40:12,239 --> 00:40:08,650

barrister who had provided the advice

917

00:40:14,009 --> 00:40:12,249

because security threats against the avn

918

00:40:16,920 --> 00:40:14,019

meant that people who helped the group

919

00:40:20,130 --> 00:40:16,930

preferred quote to keep their identities

920

00:40:22,259 --> 00:40:20,140

quiet end quote however she said she was

921

00:40:24,779 --> 00:40:22,269

confident that the avn would gather the

922

00:40:26,969 --> 00:40:24,789

funds and assemble a full legal team to

923

00:40:30,569 --> 00:40:26,979

mount this challenge the group is

924

00:40:32,749 --> 00:40:30,579

appealing online for sponsorship quote

925

00:40:35,370 --> 00:40:32,759

what the government is doing is

926
00:40:37,259 --> 00:40:35,380
unconstitutional immoral and illegal and

927
00:40:40,799 --> 00:40:37,269
they need to be shown the error of their

928
00:40:43,630 --> 00:40:40,809
ways end quote miss Dorry said many in

929
00:40:46,300 --> 00:40:43,640
the community work word suffering terror

930
00:40:48,160 --> 00:40:46,310
unquote as a result of the policy his

931
00:40:51,790 --> 00:40:48,170
door he said they were living out of

932
00:40:53,590 --> 00:40:51,800
cars had left the country or terminated

933
00:40:56,350 --> 00:40:53,600
pregnancy because they could not afford

934
00:40:58,150 --> 00:40:56,360
to have more children she said quote the

935
00:40:59,880 --> 00:40:58,160
government is supposed to protect us

936
00:41:02,710 --> 00:40:59,890
they don't have a mandate to

937
00:41:04,870 --> 00:41:02,720
discriminate or to be bigots and that's

938
00:41:07,420 --> 00:41:04,880

what they're doing men quote lizard

939

00:41:10,630 --> 00:41:07,430

Horry said and that's certainly a story

940

00:41:15,550 --> 00:41:10,640

we shall be keeping tabs of over the

941

00:41:17,890 --> 00:41:15,560

coming months this hmm challenge to the

942

00:41:19,930 --> 00:41:17,900

government legislation of no job no pain

943

00:41:24,580 --> 00:41:19,940

anyway that story was from the

944

00:41:46,170 --> 00:41:24,590

Australian at www the Australian calm

945

00:41:50,199 --> 00:41:48,670

thank you for listening to the skeptic

946

00:41:53,349 --> 00:41:50,209

zone now I said at the top of the show

947

00:41:59,949 --> 00:41:53,359

there was an important announcement let

948

00:42:07,060 --> 00:41:59,959

me just pick up my microphone run down

949

00:42:14,780 --> 00:42:11,960

open up the laundry door here which has

950

00:42:18,380 --> 00:42:14,790

little bells on it oh come on come and

951
00:42:25,130 --> 00:42:18,390
there are two little faces looking at me

952
00:42:29,810 --> 00:42:25,140
through the crack come on Archie come

953
00:42:34,720 --> 00:42:29,820
it's all right yes come on sweet yeah

954
00:42:40,340 --> 00:42:34,730
whoa what was that this is Henrietta oh

955
00:42:46,640 --> 00:42:40,350
and meowing on the floor is moored the

956
00:42:49,220 --> 00:42:46,650
new skeptic zone kittens yes I EU who

957
00:42:52,790 --> 00:42:49,230
are bound to keep me very busy I promise

958
00:42:56,090 --> 00:42:52,800
you will never forget Fred yeah I know

959
00:43:01,520 --> 00:42:56,100
you I hear you but now we have Henry it

960
00:43:04,760 --> 00:43:01,530
and Maude all right you too so for this

961
00:43:07,070 --> 00:43:04,770
week my friends with the kittens

962
00:43:09,200 --> 00:43:07,080
following me back up the stairs it would

963
00:43:12,380 --> 00:43:09,210

seem you think I've got some dinner for

964

00:43:14,180 --> 00:43:12,390

you mm-hmm this is Richard so oh there

965

00:43:24,170 --> 00:43:14,190

they go this is Richard Saunders signing

966

00:43:25,840 --> 00:43:24,180

off from Sydney Australia you've been

967

00:43:30,440 --> 00:43:25,850

listening to the skeptics own podcast

968

00:43:33,020 --> 00:43:30,450

visit our website at wwc AP exams TV for

969

00:43:37,070 --> 00:43:33,030

contacts and archive of all episodes

970

00:43:39,230 --> 00:43:37,080

since 2008 and our online store please

971

00:43:42,560 --> 00:43:39,240

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972

00:43:45,550 --> 00:43:42,570

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973

00:43:47,900 --> 00:43:45,560

facebook and leaving a review on iTunes

974

00:43:50,570 --> 00:43:47,910

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975

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976

00:43:56,360 --> 00:43:54,330

99 cents a week the skeptic zone is an

977

00:43:58,460 --> 00:43:56,370

independent production the views and

978

00:44:00,650 --> 00:43:58,470

opinions expressed on the skeptic zone

979

00:44:03,530 --> 00:44:00,660

and not necessarily those Australian