

Show 487

THE  
**SKEPTIC  
ZONE**  
PODCAST

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18 Feb 2018



**Dr Andrea Leong**

**The missing Beaumont Children from 1966**

**Britt Hermes update**

**Maynard interviews  
microbiologist Dr Andrea Leong**

**Memoirs of a Former Mystic**

**Scientific literacy low priority  
for CAM practitioners**



**Eran Segev**

1  
00:00:09,080 --> 00:00:05,920

[Music]

2  
00:00:13,910 --> 00:00:09,090

welcome to the skeptic zone the podcast

3  
00:00:16,880 --> 00:00:13,920

from Australia for science and reason

4  
00:00:22,480 --> 00:00:16,890

[Applause]

5  
00:00:24,950 --> 00:00:22,490

[Music]

6  
00:00:28,970 --> 00:00:24,960

yes it's the skeptic zone podcast

7  
00:00:32,060 --> 00:00:28,980

episode number 487 for the 18th of

8  
00:00:35,210 --> 00:00:32,070

February 2018 Richard Saunders here with

9  
00:00:37,700 --> 00:00:35,220

you from a very muggy steamy Sydney

10  
00:00:39,890 --> 00:00:37,710

Australia and before we get started with

11  
00:00:42,380 --> 00:00:39,900

the show a big congratulations to my

12  
00:00:44,439 --> 00:00:42,390

friend Tim Ferguson who does the bunga

13  
00:00:47,540 --> 00:00:44,449

bunga podcast with our reporter may not

14

00:00:51,560 --> 00:00:47,550

just today Tim had an exhibition of some

15

00:00:54,170 --> 00:00:51,570

of his artworks and it was were very

16

00:00:56,799 --> 00:00:54,180

well attended and I think the artworks

17

00:00:59,450 --> 00:00:56,809

were selling well so congratulations Tim

18

00:01:02,390 --> 00:00:59,460

it's always it's always a big thing

19

00:01:04,880 --> 00:01:02,400

actually when you have an art exhibition

20

00:01:07,399 --> 00:01:04,890

I've had well I've had an exhibition I

21

00:01:09,530 --> 00:01:07,409

suppose of photography once it's very

22

00:01:12,440 --> 00:01:09,540

exciting and again warm congratulations

23

00:01:14,420 --> 00:01:12,450

to Tim Ferguson and don't forget you can

24

00:01:17,380 --> 00:01:14,430

hear Tim and may not doing bunga bunga

25

00:01:20,030 --> 00:01:17,390

podcast at Maynard dot-com thought you

26  
00:01:23,060 --> 00:01:20,040  
know I had a funny thing happened to me

27  
00:01:26,630 --> 00:01:23,070  
the other day funny funny well not

28  
00:01:29,480 --> 00:01:26,640  
really funny I was stepping on a

29  
00:01:31,550 --> 00:01:29,490  
cardboard box to make it go flat so I

30  
00:01:36,080 --> 00:01:31,560  
could then take it up to the recycle bin

31  
00:01:38,960 --> 00:01:36,090  
as a household that practices recycling

32  
00:01:41,360 --> 00:01:38,970  
so there I was stomping away when my

33  
00:01:45,020 --> 00:01:41,370  
foot came down on the the cardboard box

34  
00:01:47,690 --> 00:01:45,030  
it lost traction on the wooden floor my

35  
00:01:51,290 --> 00:01:47,700  
foot went with the box away from my body

36  
00:01:53,570 --> 00:01:51,300  
and I was sort of tipped over straight

37  
00:01:56,600 --> 00:01:53,580  
back down on to the hard wooden floor

38  
00:01:58,850 --> 00:01:56,610

and my coccyx ouch

39

00:02:00,050 --> 00:01:58,860

I was completely winded dazed and

40

00:02:03,530 --> 00:02:00,060

confused I didn't know what had happened

41

00:02:05,090 --> 00:02:03,540

in great pain and for a moment I

42

00:02:08,029 --> 00:02:05,100

wondered if I could actually stand up at

43

00:02:10,309 --> 00:02:08,039

all I whacked my arm on the table going

44

00:02:15,860 --> 00:02:10,319

down luckily there wasn't anything

45

00:02:19,520 --> 00:02:15,870

behind my head I eventually got to my

46

00:02:22,190 --> 00:02:19,530

feet and sort of crawled off to bed the

47

00:02:24,140 --> 00:02:22,200

next day my back and my lower back

48

00:02:27,009 --> 00:02:24,150

especially got progressively worse I was

49

00:02:30,110 --> 00:02:27,019

feeling a little bit disorientated and

50

00:02:32,179 --> 00:02:30,120

what I should have done right away which

51  
00:02:33,860 --> 00:02:32,189  
I didn't do was I went to the doctor who

52  
00:02:36,770 --> 00:02:33,870  
referred me to get x-rays

53  
00:02:40,250 --> 00:02:36,780  
luckily I didn't break anything but it

54  
00:02:42,350 --> 00:02:40,260  
really hurt I can tell you folks so

55  
00:02:44,449 --> 00:02:42,360  
that's why the skeptic zone is a little

56  
00:02:46,729 --> 00:02:44,459  
bit disjointed in short this week I was

57  
00:02:47,630 --> 00:02:46,739  
just a little bit out of sorts feeling

58  
00:02:49,880 --> 00:02:47,640  
much better now

59  
00:02:52,809 --> 00:02:49,890  
almost almost back to normal but my

60  
00:02:55,460 --> 00:02:52,819  
advice don't fall over on your coccyx

61  
00:02:58,220 --> 00:02:55,470  
but now what's on this week's episode of

62  
00:03:00,470 --> 00:02:58,230  
the skeptic zone I'm going to start with

63  
00:03:04,400 --> 00:03:00,480

a little bit of information about a very

64

00:03:09,140 --> 00:03:04,410

cold old cold case here in Australia way

65

00:03:11,420 --> 00:03:09,150

back in 1966 in fact three children went

66

00:03:13,400 --> 00:03:11,430

missing from Adelaide it's called the

67

00:03:15,589 --> 00:03:13,410

Beaumont children case it's very famous

68

00:03:18,190 --> 00:03:15,599

in Australia and the reason it's of

69

00:03:21,530 --> 00:03:18,200

interest to the skeptical community is

70

00:03:24,710 --> 00:03:21,540

because it's an early example of a

71

00:03:27,770 --> 00:03:24,720

so-called psychic detective being called

72

00:03:30,470 --> 00:03:27,780

in to try and shed some light on these

73

00:03:33,440 --> 00:03:30,480

missing children now the children have

74

00:03:37,580 --> 00:03:33,450

never been found so it's well over fifty

75

00:03:39,890 --> 00:03:37,590

years now but the story in regards to

76  
00:03:42,400 --> 00:03:39,900  
the psychic is a good lesson even for us

77  
00:03:44,660 --> 00:03:42,410  
today so I'll be chatting about that

78  
00:03:47,120 --> 00:03:44,670  
well before the show really gets

79  
00:03:49,190 --> 00:03:47,130  
underway but then we have a grain of

80  
00:03:51,110 --> 00:03:49,200  
salt with Iran sir given Iran is going

81  
00:03:54,559 --> 00:03:51,120  
to bring us up to date on the

82  
00:03:56,870 --> 00:03:54,569  
fundraising campaign that he and

83  
00:04:00,170 --> 00:03:56,880  
Australian skeptics initiated for Britt

84  
00:04:02,539 --> 00:04:00,180  
Hermes the ex naturopath who is being

85  
00:04:05,030 --> 00:04:02,549  
sued or threatened with legal action by

86  
00:04:07,220 --> 00:04:05,040  
naturopaths following that it's a very

87  
00:04:10,339 --> 00:04:07,230  
interesting interview may not conduct it

88  
00:04:12,530 --> 00:04:10,349

at skeptics in the pub with dr. Andrea

89

00:04:17,089 --> 00:04:12,540

Liang who was there to give a talk and

90

00:04:19,270 --> 00:04:17,099

her speciality is well microbiology

91

00:04:22,730 --> 00:04:19,280

biology of the gut that sort of thing

92

00:04:25,159 --> 00:04:22,740

it's a it's a wide-ranging discussion

93

00:04:27,020 --> 00:04:25,169

and yes chocolate is mentioned is it

94

00:04:29,180 --> 00:04:27,030

good to eat chocolate from her point of

95

00:04:31,339 --> 00:04:29,190

view find out I hope the answers yes I

96

00:04:34,219 --> 00:04:31,349

certainly hope the answers yes and she

97

00:04:36,890 --> 00:04:34,229

is also a candidate representative from

98

00:04:39,800 --> 00:04:36,900

the science party the political party

99

00:04:41,480 --> 00:04:39,810

based on science an interesting

100

00:04:43,370 --> 00:04:41,490

interview coming up a bit later on in

101  
00:04:46,030 --> 00:04:43,380  
the show then we hear from Elizabeth

102  
00:04:48,670 --> 00:04:46,040  
Katie and Jessica Schwab a

103  
00:04:53,170 --> 00:04:48,680  
their upcoming project memoirs of a

104  
00:04:54,820 --> 00:04:53,180  
former mystic now Jessica and Elizabeth

105  
00:04:57,520 --> 00:04:54,830  
were interviewed on the skeptics own

106  
00:04:59,350 --> 00:04:57,530  
last year by Iran Segev I'll add a link

107  
00:05:02,290 --> 00:04:59,360  
to that in the show notes in case you

108  
00:05:04,000 --> 00:05:02,300  
want a recap or you didn't hear it this

109  
00:05:08,170 --> 00:05:04,010  
is all about the fact that Jessica was

110  
00:05:10,570 --> 00:05:08,180  
to consider to be a mystic New Age guru

111  
00:05:15,940 --> 00:05:10,580  
and she went around the world preaching

112  
00:05:19,300 --> 00:05:15,950  
the new age until she more or less woke

113  
00:05:21,460 --> 00:05:19,310

up to herself the penny dropped and now

114

00:05:24,670 --> 00:05:21,470

she's I guess you'd call it she's a

115

00:05:27,280 --> 00:05:24,680

defector to science it made a lot of New

116

00:05:29,410 --> 00:05:27,290

Age people very upset anyway this is a

117

00:05:31,810 --> 00:05:29,420

little update about that whole project a

118

00:05:33,460 --> 00:05:31,820

very interesting project and I'm looking

119

00:05:36,820 --> 00:05:33,470

forward to seeing the finished product

120

00:05:39,310 --> 00:05:36,830

and also information on how you can help

121

00:05:40,900 --> 00:05:39,320

the project come along then then we'll

122

00:05:44,220 --> 00:05:40,910

bring you a story from the Australian

123

00:05:47,320 --> 00:05:44,230

skeptics website about the expected

124

00:05:51,670 --> 00:05:47,330

scientific literacy for complementary

125

00:05:55,000 --> 00:05:51,680

and alternative practitioners and out of

126

00:05:58,930 --> 00:05:55,010

12 recommended criteria scientific

127

00:06:01,720 --> 00:05:58,940

literacy comes 11th well that sort of

128

00:06:03,160 --> 00:06:01,730

makes sense in a way if complementary

129

00:06:05,980 --> 00:06:03,170

and alternative practitioners were

130

00:06:07,540 --> 00:06:05,990

required to have high scientific

131

00:06:08,670 --> 00:06:07,550

literacy maybe they wouldn't be

132

00:06:11,290 --> 00:06:08,680

complementary and alternative

133

00:06:13,630 --> 00:06:11,300

practitioners all that coming up on the

134

00:06:16,450 --> 00:06:13,640

skeptic zone but before we start here's

135

00:06:19,960 --> 00:06:16,460

my take on the Beaumont case now the

136

00:06:21,640 --> 00:06:19,970

reason the reason that I've got very

137

00:06:25,270 --> 00:06:21,650

interested in this case was a couple of

138

00:06:30,160 --> 00:06:25,280

weeks ago police received credible

139

00:06:34,000 --> 00:06:30,170

evidence of the possible burial site of

140

00:06:37,180 --> 00:06:34,010

these children in a in a warehouse in

141

00:06:40,000 --> 00:06:37,190

Adelaide and this evidence was based on

142

00:06:42,400 --> 00:06:40,010

a possible suspect brought to the

143

00:06:43,150 --> 00:06:42,410

attention of the police and some work

144

00:06:45,700 --> 00:06:43,160

done

145

00:06:48,670 --> 00:06:45,710

like geophysics ground-penetrating radar

146

00:06:51,750 --> 00:06:48,680

radar type work which indicated an

147

00:06:55,450 --> 00:06:51,760

anomaly in in the yard of this warehouse

148

00:06:58,570 --> 00:06:55,460

so police took that all into

149

00:06:59,470 --> 00:06:58,580

consideration and decided that it was

150

00:07:02,470 --> 00:06:59,480

probably

151  
00:07:04,630 --> 00:07:02,480  
worth a dig sadly after the police were

152  
00:07:07,210 --> 00:07:04,640  
digging they they found nothing I think

153  
00:07:09,070 --> 00:07:07,220  
there was some animal skeletons or some

154  
00:07:09,640 --> 00:07:09,080  
rubbish left there many many many years

155  
00:07:11,560 --> 00:07:09,650  
ago

156  
00:07:15,150 --> 00:07:11,570  
so another dead end in the case

157  
00:07:18,580 --> 00:07:15,160  
unfortunately but way back in the 60s in

158  
00:07:23,710 --> 00:07:18,590  
1966 and these children disappeared on

159  
00:07:25,720 --> 00:07:23,720  
the 26th of January 1966 the the case

160  
00:07:28,060 --> 00:07:25,730  
caught the imagination the whole country

161  
00:07:29,380 --> 00:07:28,070  
in fact where it was a quite a horrible

162  
00:07:33,970 --> 00:07:29,390  
thing to have three children simply

163  
00:07:36,910 --> 00:07:33,980

disappear suspects were flagged ideas

164

00:07:38,290 --> 00:07:36,920

were put forward claims that the

165

00:07:41,740 --> 00:07:38,300

children were abducted and taken

166

00:07:44,170 --> 00:07:41,750

overseas but as the months went by the

167

00:07:48,750 --> 00:07:44,180

case sort of stagnated and there was

168

00:07:52,450 --> 00:07:48,760

really no leads that's when the Dutch

169

00:07:55,170 --> 00:07:52,460

clairvoyant psychic mystic seer as he

170

00:07:59,470 --> 00:07:55,180

was known in the press gerard

171

00:08:02,530 --> 00:07:59,480

Chrisette was was brought in now he had

172

00:08:05,430 --> 00:08:02,540

been sent letters and information all

173

00:08:09,250 --> 00:08:05,440

the way to the netherlands from adelaide

174

00:08:12,010 --> 00:08:09,260

including a about to say a video but it

175

00:08:15,280 --> 00:08:12,020

was a film made from a helicopter of the

176

00:08:18,190 --> 00:08:15,290

beach glenelg beach from where we'd

177

00:08:21,280 --> 00:08:18,200

suspected the children disappeared he

178

00:08:23,440 --> 00:08:21,290

used his visions and declared that the

179

00:08:25,120 --> 00:08:23,450

children were actually buried somewhere

180

00:08:28,450 --> 00:08:25,130

but there was no foul play they were

181

00:08:30,400 --> 00:08:28,460

buried by accident this really did catch

182

00:08:33,100 --> 00:08:30,410

the popular imagination at the time and

183

00:08:35,860 --> 00:08:33,110

there were many newspaper articles and

184

00:08:39,250 --> 00:08:35,870

reports about this mystic seer in the

185

00:08:42,430 --> 00:08:39,260

Netherlands so much interest was

186

00:08:44,040 --> 00:08:42,440

generated and by now people were getting

187

00:08:47,560 --> 00:08:44,050

a bit desperate they really needed to

188

00:08:49,420 --> 00:08:47,570

try to bring this case to a close that a

189

00:08:54,630 --> 00:08:49,430

local businessman by the name of con

190

00:08:58,300 --> 00:08:54,640

Pilates helped sponsor a visit by Jared

191

00:09:01,060 --> 00:08:58,310

Cosette to Australia and even on the

192

00:09:04,690 --> 00:09:01,070

flight to Australia which in the mid-60s

193

00:09:06,220 --> 00:09:04,700

took her took quite some time he was

194

00:09:07,900 --> 00:09:06,230

accompanied by reporters who were

195

00:09:11,110 --> 00:09:07,910

sending back reports about his latest

196

00:09:13,480 --> 00:09:11,120

vision just getting to Adelaide when he

197

00:09:17,450 --> 00:09:13,490

arrived in Adelaide in November

198

00:09:20,000 --> 00:09:17,460

1966 he was met by hundreds of people at

199

00:09:22,250 --> 00:09:20,010

Adelaide Airport and over 30

200

00:09:25,340 --> 00:09:22,260

representatives of TV radio and

201  
00:09:27,590 --> 00:09:25,350  
newspaper media in fact I've come across

202  
00:09:30,800 --> 00:09:27,600  
a few reports that liken it to the

203  
00:09:33,920 --> 00:09:30,810  
Beatles arriving over the next two and a

204  
00:09:35,960 --> 00:09:33,930  
half days was that as far as I can

205  
00:09:39,470 --> 00:09:35,970  
determine from all the research I've

206  
00:09:42,829 --> 00:09:39,480  
done largely through archival newspaper

207  
00:09:46,970 --> 00:09:42,839  
reports drove around or was driven

208  
00:09:48,920 --> 00:09:46,980  
around following his visions and making

209  
00:09:51,800 --> 00:09:48,930  
notes followed also by the media who

210  
00:09:53,720 --> 00:09:51,810  
were close behind he talked the people

211  
00:09:56,660 --> 00:09:53,730  
he'd look at spots he'd make more notes

212  
00:09:59,150 --> 00:09:56,670  
and sketches he'd have more visions at

213  
00:10:01,579 --> 00:09:59,160

one stage he spent an hour with a woman

214

00:10:04,790 --> 00:10:01,589

who claimed she had a vision about the

215

00:10:08,269 --> 00:10:04,800

children and this went on for two days

216

00:10:10,940 --> 00:10:08,279

eventually he decided that the children

217

00:10:14,750 --> 00:10:10,950

were buried under a concrete floor of a

218

00:10:18,050 --> 00:10:14,760

recently built warehouse and then

219

00:10:20,960 --> 00:10:18,060

promptly left the country well just

220

00:10:22,790 --> 00:10:20,970

before he did he spent an hour or two

221

00:10:27,550 --> 00:10:22,800

with the parents of the Beaumont

222

00:10:30,410 --> 00:10:27,560

children the strange thing to do I guess

223

00:10:32,390 --> 00:10:30,420

he told the parents that he thought the

224

00:10:35,990 --> 00:10:32,400

children were dead or his vision told

225

00:10:38,210 --> 00:10:36,000

him that mrs. Beaumont for one refused

226

00:10:42,230 --> 00:10:38,220

to believe her children were dead anyway

227

00:10:45,530 --> 00:10:42,240

he flies off such was the the public

228

00:10:48,199 --> 00:10:45,540

demand I guess you'd say for something

229

00:10:50,510 --> 00:10:48,209

to be done after this psychic had the

230

00:10:52,519 --> 00:10:50,520

vision of where the children were that

231

00:10:54,019 --> 00:10:52,529

the premier of the state and the Deputy

232

00:10:56,269 --> 00:10:54,029

Police Commissioner actually had a

233

00:10:59,990 --> 00:10:56,279

conference to decide what to be done

234

00:11:01,940 --> 00:11:00,000

should they authorize the excavation of

235

00:11:03,740 --> 00:11:01,950

this warehouse and even went to state

236

00:11:08,600 --> 00:11:03,750

cabinet eventually after a couple of

237

00:11:11,480 --> 00:11:08,610

days cabinet decided with or based on

238

00:11:13,460 --> 00:11:11,490

the advice of police that there was no

239

00:11:16,040 --> 00:11:13,470

reasonable chance that the children

240

00:11:17,870 --> 00:11:16,050

would be buried there and any excavation

241

00:11:20,630 --> 00:11:17,880

would be a complete waste of time and

242

00:11:23,600 --> 00:11:20,640

money the police had very good reasons

243

00:11:24,980 --> 00:11:23,610

to think that it just wouldn't have

244

00:11:26,420 --> 00:11:24,990

happened the children wouldn't be buried

245

00:11:29,030 --> 00:11:26,430

there under any circumstances

246

00:11:31,550 --> 00:11:29,040

although that information in detail

247

00:11:33,400 --> 00:11:31,560

wasn't at hand you'd have to think the

248

00:11:36,380 --> 00:11:33,410

police knew what they were talking about

249

00:11:39,019 --> 00:11:36,390

well that wasn't very satisfactory for

250

00:11:42,410 --> 00:11:39,029

the citizens the good citizens of

251  
00:11:44,260 --> 00:11:42,420  
Adelaide who shortly thereafter some of

252  
00:11:48,650 --> 00:11:44,270  
them at least formed an action committee

253  
00:11:51,710 --> 00:11:48,660  
raised something like \$40,000 and had an

254  
00:11:56,840 --> 00:11:51,720  
excavation performed anyway the next

255  
00:11:58,160 --> 00:11:56,850  
year alas nothing was found and you

256  
00:12:05,750 --> 00:11:58,170  
think well that's sort of where that

257  
00:12:08,150 --> 00:12:05,760  
story ends but no 30 years later in 1996

258  
00:12:11,540 --> 00:12:08,160  
the same man the same businessman who

259  
00:12:15,400 --> 00:12:11,550  
helped sponsor Chris 'its visit in the

260  
00:12:18,410 --> 00:12:15,410  
60s con Pillai DS funded another

261  
00:12:20,000 --> 00:12:18,420  
excavation so convinced was he that

262  
00:12:21,530 --> 00:12:20,010  
that's where the children were cus

263  
00:12:26,420 --> 00:12:21,540

that's what the psychic said all those

264

00:12:28,430 --> 00:12:26,430

years ago again nothing was found not a

265

00:12:30,320 --> 00:12:28,440

thing now I'm sure there are people

266

00:12:32,540 --> 00:12:30,330

listening right now who remember those

267

00:12:34,400 --> 00:12:32,550

days and remember them when the children

268

00:12:37,660 --> 00:12:34,410

disappeared over fifty years ago and

269

00:12:40,490 --> 00:12:37,670

probably remember the the fuss the

270

00:12:42,949 --> 00:12:40,500

pandemonium of having a psychic come all

271

00:12:46,130 --> 00:12:42,959

the way from the Netherlands and look

272

00:12:47,180 --> 00:12:46,140

for these missing children and it's from

273

00:12:49,670 --> 00:12:47,190

a sceptical point of view it's

274

00:12:52,910 --> 00:12:49,680

fascinating to follow the case day by

275

00:12:55,430 --> 00:12:52,920

day through newspaper reports and also

276

00:12:57,530 --> 00:12:55,440

to realize that despite all the evidence

277

00:12:59,210 --> 00:12:57,540

that would suggest that this man didn't

278

00:13:01,910 --> 00:12:59,220

know what he was talking about more or

279

00:13:03,769 --> 00:13:01,920

less randomly wandering and driving

280

00:13:06,710 --> 00:13:03,779

around streets and looking for visions

281

00:13:09,980 --> 00:13:06,720

and signs that people really did think

282

00:13:11,390 --> 00:13:09,990

he was the real deal even up to 30 years

283

00:13:14,079 --> 00:13:11,400

later they couldn't let it drop

284

00:13:16,670 --> 00:13:14,089

and even today Australia is plagued with

285

00:13:18,590 --> 00:13:16,680

so-called psychic detectives people who

286

00:13:21,980 --> 00:13:18,600

waste the time of police sending them

287

00:13:24,710 --> 00:13:21,990

their visions and it reminds me of what

288

00:13:26,510 --> 00:13:24,720

Detective Chief Inspector Gary deublin

289

00:13:28,490 --> 00:13:26,520

of the New South Wales Police Force said

290

00:13:32,540 --> 00:13:28,500

only a few months ago in a media

291

00:13:35,210 --> 00:13:32,550

statement quote we are not interested in

292

00:13:38,660 --> 00:13:35,220

information from clairvoyance or people

293

00:13:39,840 --> 00:13:38,670

that have had dreams we're interested in

294

00:13:42,210 --> 00:13:39,850

people

295

00:13:44,340 --> 00:13:42,220

that have genuine information and quote

296

00:13:45,809 --> 00:13:44,350

so people can whine and whinge about the

297

00:13:47,610 --> 00:13:45,819

skeptics or they like saying of course

298

00:13:49,639 --> 00:13:47,620

the skeptics don't believe in psychic

299

00:13:53,519 --> 00:13:49,649

detectives and psychics helping police

300

00:13:54,689 --> 00:13:53,529

well that may be the case but when

301  
00:13:57,210 --> 00:13:54,699  
something comes from the police

302  
00:13:59,340 --> 00:13:57,220  
themselves saying basically stop wasting

303  
00:14:02,160 --> 00:13:59,350  
our time then I think everybody should

304  
00:14:03,780 --> 00:14:02,170  
listen well after all that and that's an

305  
00:14:05,790 --> 00:14:03,790  
interesting case oh you can read much

306  
00:14:08,129 --> 00:14:05,800  
more about that by the way I wrote a

307  
00:14:09,990 --> 00:14:08,139  
full report in the next issue of the

308  
00:14:12,360 --> 00:14:10,000  
skeptic The Magazine from Australian

309  
00:14:13,800 --> 00:14:12,370  
skeptics and after all that I think it's

310  
00:14:17,999 --> 00:14:13,810  
time for me to run downstairs have a

311  
00:14:21,389 --> 00:14:18,009  
very very large glass of ice cold water

312  
00:14:23,110 --> 00:14:21,399  
with extra ice will I do that I hope you

313  
00:14:38,699 --> 00:14:23,120

enjoy the skeptic zone

314

00:14:49,749 --> 00:14:41,519

let's all take this with a grain of salt

315

00:14:51,220 --> 00:14:49,759

she's around ticket yes it's a grain of

316

00:14:53,949 --> 00:14:51,230

salt with the Rance again hello run

317

00:14:56,710 --> 00:14:53,959

hello Richard how you doing I'm not too

318

00:14:58,749 --> 00:14:56,720

bad as you know because the other night

319

00:15:02,410 --> 00:14:58,759

as I told my listeners at the top of the

320

00:15:05,259 --> 00:15:02,420

show I I was crunching down a cardboard

321

00:15:07,419 --> 00:15:05,269

box in my living room to put into the

322

00:15:10,119 --> 00:15:07,429

recycle my thought went down on the box

323

00:15:12,160 --> 00:15:10,129

and it slipped on the the box and the

324

00:15:14,350 --> 00:15:12,170

the wooden floor and I went straight

325

00:15:20,679 --> 00:15:14,360

backwards on my coccyx and I'm just

326

00:15:21,879 --> 00:15:20,689

waiting to get the x-rays that's the

327

00:15:24,910 --> 00:15:21,889

only thing me too

328

00:15:26,139 --> 00:15:24,920

but more important matters recently our

329

00:15:29,919 --> 00:15:26,149

listeners certainly have been aware of

330

00:15:32,429 --> 00:15:29,929

the campaign to help Brit hermès yes and

331

00:15:35,489 --> 00:15:32,439

which was initiated by you of course and

332

00:15:38,979 --> 00:15:35,499

can you let us know the latest

333

00:15:40,569 --> 00:15:38,989

developments on that yeah so I would say

334

00:15:42,819 --> 00:15:40,579

I mean the campaign is sort of ongoing

335

00:15:46,539 --> 00:15:42,829

in that we still have donations coming

336

00:15:49,479 --> 00:15:46,549

in at a slow pace as a drip maybe about

337

00:15:52,350 --> 00:15:49,489

ten to fifteen donations a day we are

338

00:15:55,689 --> 00:15:52,360

now up to the total donation so far

339

00:15:58,419 --> 00:15:55,699

95,000 Wow which is quite astonishing we

340

00:16:00,789 --> 00:15:58,429

got to our target of 80,000 which is

341

00:16:03,280 --> 00:16:00,799

fifty thousand euros we got to that

342

00:16:05,139 --> 00:16:03,290

within eight days which was eight days

343

00:16:06,519 --> 00:16:05,149

that's all he took for the for the

344

00:16:09,929 --> 00:16:06,529

sceptical international skeptical

345

00:16:14,409 --> 00:16:09,939

community to raise the funds required to

346

00:16:16,429 --> 00:16:14,419

defend Brit or protector against the

347

00:16:18,359 --> 00:16:16,439

potential

348

00:16:20,160 --> 00:16:18,369

financial problems that could arise if

349

00:16:22,559 --> 00:16:20,170

she had to pay for it for this

350

00:16:25,859 --> 00:16:22,569

litigation herself which means that she

351

00:16:28,739 --> 00:16:25,869

can stand up to the bullying of Colleen

352

00:16:30,090 --> 00:16:28,749

hooba and hopefully we won't come to

353

00:16:32,009 --> 00:16:30,100

that hopefully she won't need the money

354

00:16:35,040 --> 00:16:32,019

hopefully this will be thrown out very

355

00:16:38,009 --> 00:16:35,050

quickly however if it does come it does

356

00:16:39,389 --> 00:16:38,019

go the length of usual court case she

357

00:16:41,579 --> 00:16:39,399

will be able to we will be able to pay

358

00:16:43,439 --> 00:16:41,589

her legal bills and that would be a big

359

00:16:46,109 --> 00:16:43,449

story in itself this is in similar

360

00:16:48,689 --> 00:16:46,119

lights to the campaign we did for Ken

361

00:16:51,359 --> 00:16:48,699

Harvey in years 2011 we are trying to

362

00:16:52,949 --> 00:16:51,369

not only protect Britt here we're also

363

00:16:55,139 --> 00:16:52,959

trying to send a message to quacks out

364

00:16:57,090 --> 00:16:55,149

there that they should not mess with

365

00:16:58,710 --> 00:16:57,100

skeptics because we will not bow and we

366

00:17:04,380 --> 00:16:58,720

will defend our own and we'll make sure

367

00:17:07,380 --> 00:17:04,390

that the truth can be heard in that in

368

00:17:09,360 --> 00:17:07,390

that respect it should be noted that we

369

00:17:12,539 --> 00:17:09,370

are going further than simply Britt what

370

00:17:14,189 --> 00:17:12,549

because we've already collected more

371

00:17:15,600 --> 00:17:14,199

than money than Britt will light will

372

00:17:17,970 --> 00:17:15,610

likely need even in the worst case

373

00:17:19,590 --> 00:17:17,980

scenario and we are hopeful that Britt

374

00:17:21,480 --> 00:17:19,600

won't need all that money we will have a

375

00:17:24,000 --> 00:17:21,490

chunk of money out there available to

376

00:17:26,429 --> 00:17:24,010

for the establishment of a Legal Defense

377

00:17:27,779 --> 00:17:26,439

Fund and we are already working on the

378

00:17:29,850 --> 00:17:27,789

establishment of such a fund it will not

379

00:17:31,500 --> 00:17:29,860

be an Australian skeptics fund he will

380

00:17:32,580 --> 00:17:31,510

be something international so we're

381

00:17:36,120 --> 00:17:32,590

working with several international

382

00:17:37,529 --> 00:17:36,130

colleagues on establishing it but yeah

383

00:17:38,760 --> 00:17:37,539

it will be a while before that that

384

00:17:40,710 --> 00:17:38,770

happens but there will be money out

385

00:17:43,529 --> 00:17:40,720

there and there will be a mechanism for

386

00:17:46,889 --> 00:17:43,539

skeptics who are being sued to seek some

387

00:17:48,480 --> 00:17:46,899

help it's certainly not then a green

388

00:17:50,789 --> 00:17:48,490

light for people to shoot them out off

389

00:17:52,620 --> 00:17:50,799

no no it's a it's definitely not that

390

00:17:55,230 --> 00:17:52,630

and we actually are one of the things

391

00:17:57,029 --> 00:17:55,240

we've been talking about is that Steve

392

00:17:59,399 --> 00:17:57,039

Novello suggested that we should have a

393

00:18:01,169 --> 00:17:59,409

primer that basically tells people this

394

00:18:04,470 --> 00:18:01,179

is how not to get sued yes and people

395

00:18:06,389 --> 00:18:04,480

ignore that will not be eligible to be

396

00:18:08,850 --> 00:18:06,399

helps I mean if you if you try to get

397

00:18:11,029 --> 00:18:08,860

sued if you just you go out there and

398

00:18:14,250 --> 00:18:11,039

you're not cautious enough and you

399

00:18:16,080 --> 00:18:14,260

defame people unnecessarily not simply

400

00:18:18,480 --> 00:18:16,090

telling the truth but actually defaming

401  
00:18:19,889 --> 00:18:18,490  
people then you know you're on your own

402  
00:18:22,590 --> 00:18:19,899  
we're not gonna we're not there to

403  
00:18:24,220 --> 00:18:22,600  
simply support people being being just

404  
00:18:27,549 --> 00:18:24,230  
stupid about the way they behave

405  
00:18:30,190 --> 00:18:27,559  
but when somebody simply exposes some

406  
00:18:33,490 --> 00:18:30,200  
quackery which is what Britt does she

407  
00:18:35,560 --> 00:18:33,500  
simply exposes naturopathy in general

408  
00:18:37,870 --> 00:18:35,570  
and specific naturopaths in particular

409  
00:18:40,630 --> 00:18:37,880  
and she exposes them based on the

410  
00:18:42,520 --> 00:18:40,640  
evidence she deserves to be protected

411  
00:18:44,110 --> 00:18:42,530  
she does not deserve to be sued and

412  
00:18:45,940 --> 00:18:44,120  
that's why we've done this well she of

413  
00:18:47,770 --> 00:18:45,950

course she gave a wonderful talk at our

414

00:18:51,789 --> 00:18:47,780

recent convention only a couple months

415

00:18:53,620 --> 00:18:51,799

ago via video from the home in Germany

416

00:18:55,630 --> 00:18:53,630

but that was a highlight of the

417

00:18:57,549 --> 00:18:55,640

convention I think yes he was he was

418

00:19:01,690 --> 00:18:57,559

very well received and we hope to have

419

00:19:03,250 --> 00:19:01,700

her at some future event in person that

420

00:19:05,049 --> 00:19:03,260

would be live meant great a few times

421

00:19:06,549 --> 00:19:05,059

and she's absolutely wonderful well

422

00:19:08,260 --> 00:19:06,559

thanks around and people can still can

423

00:19:09,400 --> 00:19:08,270

contribute to that if they feel so

424

00:19:12,640 --> 00:19:09,410

inclined yeah and they can go to

425

00:19:15,820 --> 00:19:12,650

skeptics condo to you / great Hermes or

426  
00:19:17,320 --> 00:19:15,830  
just Britt some people have put in place

427  
00:19:18,880 --> 00:19:17,330  
their recurring donation which is a

428  
00:19:20,950 --> 00:19:18,890  
really good idea because then it's in a

429  
00:19:22,840 --> 00:19:20,960  
small amounts maybe ten fifteen dollars

430  
00:19:25,780 --> 00:19:22,850  
a month and but you know every month and

431  
00:19:28,299 --> 00:19:25,790  
then that it again it accumulates there

432  
00:19:29,590 --> 00:19:28,309  
were we had a so far 2,300 donate

433  
00:19:33,070 --> 00:19:29,600  
donations which is a very large number

434  
00:19:34,360 --> 00:19:33,080  
and most of them are under \$20 by the

435  
00:19:37,090 --> 00:19:34,370  
way a few large ones but most of the

436  
00:19:40,510 --> 00:19:37,100  
rounds were needed under \$20 in yet we

437  
00:19:42,730 --> 00:19:40,520  
are now at \$95,000 so it shows you the

438  
00:19:44,530 --> 00:19:42,740

the power of you know large numbers so

439

00:19:46,659 --> 00:19:44,540

yes anybody you can donate maybe put

440

00:19:47,980 --> 00:19:46,669

together put put in place a recurring

441

00:19:55,790 --> 00:19:47,990

donation that's very helpful

442

00:20:01,310 --> 00:19:59,620

[Music]

443

00:20:04,710 --> 00:20:01,320

[Applause]

444

00:20:07,110 --> 00:20:04,720

calling all skeptics or listeners do you

445

00:20:09,419 --> 00:20:07,120

live in or near Glasgow or are you

446

00:20:12,060 --> 00:20:09,429

planning to visit something then you're

447

00:20:15,090 --> 00:20:12,070

in luck because a Glasgow sceptics have

448

00:20:16,799 --> 00:20:15,100

got your Monday nights sorted we are

449

00:20:19,110 --> 00:20:16,809

committed to filling up every available

450

00:20:22,110 --> 00:20:19,120

Monday night talks on science and

451  
00:20:24,330 --> 00:20:22,120  
skepticism ha speakers include Eugenie

452  
00:20:24,840 --> 00:20:24,340  
Scott jelly coin maker Marshall Nate

453  
00:20:26,850 --> 00:20:24,850  
Phelps

454  
00:20:30,210 --> 00:20:26,860  
tormund Cecil from cognitive dissonance

455  
00:20:32,279 --> 00:20:30,220  
PZ Myers Richard Wiseman AC grilling

456  
00:20:35,220 --> 00:20:32,289  
Nora Heath and Eli from the scaling

457  
00:20:37,409 --> 00:20:35,230  
atheist Simon Singh Rebecca Watson and a

458  
00:20:39,749 --> 00:20:37,419  
multitude of local academics and

459  
00:20:41,789 --> 00:20:39,759  
sceptics there's literally nothing

460  
00:20:44,039 --> 00:20:41,799  
better you can do on a Monday night in

461  
00:20:46,830 --> 00:20:44,049  
Glasgow that doesn't involve taking your

462  
00:20:48,930 --> 00:20:46,840  
clothes off so come join us we've also

463  
00:20:51,149 --> 00:20:48,940

got a vibrant online community you can

464

00:20:53,340 --> 00:20:51,159

find us on Facebook Twitter and get

465

00:20:56,820 --> 00:20:53,350

involved with the discussion glasgow

466

00:20:58,070 --> 00:20:56,830

skeptics self-help or your brain

467

00:21:07,880 --> 00:20:58,080

[Music]

468

00:21:19,020 --> 00:21:13,050

years may not spooky action at the

469

00:21:20,760 --> 00:21:19,030

distance well of course skeptics at the

470

00:21:22,560 --> 00:21:20,770

pub here it's February it's a packed

471

00:21:23,760 --> 00:21:22,570

room over a hundred hundred and twenty

472

00:21:25,890 --> 00:21:23,770

people all at one hundred and twenty

473

00:21:27,690 --> 00:21:25,900

thousand people here to hear about Pooh

474

00:21:29,040 --> 00:21:27,700

and a-holes backed up other stuff now

475

00:21:31,530 --> 00:21:29,050

who've we got here and where are you

476  
00:21:34,440 --> 00:21:31,540  
from yeah my name is Andrea Liang and

477  
00:21:37,740 --> 00:21:34,450  
I'm a microbiologist I currently work in

478  
00:21:40,080 --> 00:21:37,750  
a private company doing research on the

479  
00:21:42,450 --> 00:21:40,090  
bacteria that you find in probiotics but

480  
00:21:45,180 --> 00:21:42,460  
I've worked on antibacterial surfaces in

481  
00:21:48,210 --> 00:21:45,190  
the past I'm quite interested in looking

482  
00:21:49,890 --> 00:21:48,220  
at ways that we can interact with

483  
00:21:52,350 --> 00:21:49,900  
microbes other than killing them all

484  
00:21:55,050 --> 00:21:52,360  
with antibiotics and what drew you into

485  
00:21:57,210 --> 00:21:55,060  
this field in the first place bacteria I

486  
00:22:00,450 --> 00:21:57,220  
mean surely viruses are all sexy action

487  
00:22:02,430 --> 00:22:00,460  
is in science isn't it yeah well you get

488  
00:22:05,010 --> 00:22:02,440

the best of both worlds bacteria have

489

00:22:07,100 --> 00:22:05,020

viruses of their own yes yes you had

490

00:22:10,160 --> 00:22:07,110

some photos of it yeah

491

00:22:12,860 --> 00:22:10,170

so I've just always had an interest in

492

00:22:15,320 --> 00:22:12,870

microbiology I guess I've just always

493

00:22:17,120 --> 00:22:15,330

wanted to look at the causes of human

494

00:22:20,290 --> 00:22:17,130

health and disease and then through uni

495

00:22:22,490 --> 00:22:20,300

I realized that microbiology was for me

496

00:22:25,910 --> 00:22:22,500

it gets a bit smelly in the lab

497

00:22:28,850 --> 00:22:25,920

sometimes has this changed in any way

498

00:22:32,810 --> 00:22:28,860

the way you look at public restrooms for

499

00:22:33,910 --> 00:22:32,820

example I think it actually made me less

500

00:22:36,620 --> 00:22:33,920

of a germaphobe

501  
00:22:38,330 --> 00:22:36,630  
because I suppose I work with bacteria

502  
00:22:40,010 --> 00:22:38,340  
in a lab I know as long as I wash my

503  
00:22:43,610 --> 00:22:40,020  
hands I'm not going to get sick so

504  
00:22:48,980 --> 00:22:43,620  
that's actually something that I think

505  
00:22:50,750 --> 00:22:48,990  
about antibacterial soap yes so if you

506  
00:22:53,210 --> 00:22:50,760  
weren't getting sick before then

507  
00:22:55,130 --> 00:22:53,220  
antibiotics soap isn't really doing any

508  
00:22:57,230 --> 00:22:55,140  
good is it it's a waste of money

509  
00:22:59,600 --> 00:22:57,240  
because what my dad he's the classic 50s

510  
00:23:01,460 --> 00:22:59,610  
dad he's about 90 so it's man versus

511  
00:23:03,080 --> 00:23:01,470  
nature in the garden in the house it's

512  
00:23:04,700 --> 00:23:03,090  
everything's got to be clean all the

513  
00:23:10,060 --> 00:23:04,710

time and if it's an if he could have an

514

00:23:12,380 --> 00:23:10,070

antibiotic hat he'd wear one definitely

515

00:23:15,230 --> 00:23:12,390

working with bacteria on a day to day

516

00:23:17,750 --> 00:23:15,240

basis makes me less concerned about the

517

00:23:19,850 --> 00:23:17,760

bacteria that you see on door handles

518

00:23:21,440 --> 00:23:19,860

and things like that but maybe maybe a

519

00:23:24,770 --> 00:23:21,450

little more concerned about some of the

520

00:23:26,510 --> 00:23:24,780

bacteria that cause disease um actually

521

00:23:28,660 --> 00:23:26,520

that's not true

522

00:23:32,800 --> 00:23:28,670

when it comes to food as well I think

523

00:23:35,210 --> 00:23:32,810

that's fine that's fine for another day

524

00:23:36,770 --> 00:23:35,220

so the use by date because you're a

525

00:23:38,920 --> 00:23:36,780

professional who's trained you can let

526

00:23:40,690 --> 00:23:38,930

that go a couple of days

527

00:23:42,550 --> 00:23:40,700

yeah I think I've probably just got a

528

00:23:44,770 --> 00:23:42,560

bit of hubris and think I'm the bacteria

529

00:23:46,840 --> 00:23:44,780

whisperer what is it the most

530

00:23:48,460 --> 00:23:46,850

fascinating bacteria - everybody's got

531

00:23:50,020 --> 00:23:48,470

their own every doctors got a favorite

532

00:23:52,150 --> 00:23:50,030

part of the body a favorite disease

533

00:23:53,800 --> 00:23:52,160

what's the most interesting bacteria to

534

00:24:00,160 --> 00:23:53,810

you is it one we'd know was one of these

535

00:24:01,810 --> 00:24:00,170

smartypants welcomed Anthea newson

536

00:24:03,730 --> 00:24:01,820

Ophelia Wow

537

00:24:06,490 --> 00:24:03,740

that's bacteria that lives in the gut

538

00:24:10,810 --> 00:24:06,500

and actually as its carbohydrate source

539

00:24:13,030 --> 00:24:10,820

likes to eat our gut mucus so if it if

540

00:24:15,400 --> 00:24:13,040

it eats too much of that we can have

541

00:24:18,460 --> 00:24:15,410

some trouble as the mucus is broken down

542

00:24:20,080 --> 00:24:18,470

too far and if we don't have enough of

543

00:24:21,700 --> 00:24:20,090

that bacteria we can also even have

544

00:24:24,310 --> 00:24:21,710

trouble when the mucus builds up too

545

00:24:26,260 --> 00:24:24,320

much so it's a like everything delicate

546

00:24:27,730 --> 00:24:26,270

balance so how does your gut regulate

547

00:24:33,580 --> 00:24:27,740

the amount of that bacteria how do they

548

00:24:36,520 --> 00:24:33,590

kill it off or provoke more of it in

549

00:24:37,840 --> 00:24:36,530

particular also breaks down v r in the

550

00:24:40,150 --> 00:24:37,850

gut so if you're eating the right amount

551  
00:24:42,190 --> 00:24:40,160  
of fiber I think most people don't tend

552  
00:24:44,170 --> 00:24:42,200  
to have a problem it since sustain a

553  
00:24:46,030 --> 00:24:44,180  
good balance and we've got another

554  
00:24:47,890 --> 00:24:46,040  
excuse as to why we're eating too much

555  
00:24:49,990 --> 00:24:47,900  
chocolate and you gave it to us today

556  
00:24:52,300 --> 00:24:50,000  
tell our listeners about this this is a

557  
00:24:53,410 --> 00:24:52,310  
great one oh it's the bacteria I just

558  
00:24:56,770 --> 00:24:53,420  
ate the whole packet of Tim Tams

559  
00:25:00,310 --> 00:24:56,780  
bacteria yes so there are some theories

560  
00:25:02,200 --> 00:25:00,320  
that the bacteria in our guts actually

561  
00:25:04,000 --> 00:25:02,210  
influence our cravings for certain foods

562  
00:25:06,490 --> 00:25:04,010  
because it's in their best interests to

563  
00:25:07,870 --> 00:25:06,500

keep us eating the things that nourish

564

00:25:09,760 --> 00:25:07,880

them

565

00:25:12,940 --> 00:25:09,770

so there was a study that found that

566

00:25:16,590 --> 00:25:12,950

individuals who strongly desire

567

00:25:19,870 --> 00:25:16,600

chocolate have a different microbiome -

568

00:25:21,490 --> 00:25:19,880

well different bacterial or metabolites

569

00:25:24,070 --> 00:25:21,500

in the urine I should say I shouldn't

570

00:25:25,990 --> 00:25:24,080

overstep that different bacterial

571

00:25:28,120 --> 00:25:26,000

metabolites in the urine of chocolate

572

00:25:30,760 --> 00:25:28,130

appreciators compared to people who

573

00:25:32,890 --> 00:25:30,770

don't much care for chocolate so there's

574

00:25:35,110 --> 00:25:32,900

a missing correlation there who knows if

575

00:25:37,150 --> 00:25:35,120

it's a causation but oh I'll be blaming

576

00:25:40,060 --> 00:25:37,160

the bacteria and what's probably the

577

00:25:41,980 --> 00:25:40,070

best thing we can eat for our gut flora

578

00:25:43,779 --> 00:25:41,990

and fauna are the spots of animals down

579

00:25:44,830 --> 00:25:43,789

there yeah what's the best thing is that

580

00:25:46,659 --> 00:25:44,840

one thing that's better than anything

581

00:25:49,020 --> 00:25:46,669

else oh is it such an individual thing

582

00:25:51,640 --> 00:25:49,030

you couldn't even answer that question

583

00:25:52,149 --> 00:25:51,650

microbiome varies a lot from person to

584

00:25:54,340 --> 00:25:52,159

person

585

00:25:56,230 --> 00:25:54,350

but there are some species that are

586

00:25:58,480 --> 00:25:56,240

pretty much common to all of us but the

587

00:26:00,669 --> 00:25:58,490

best thing we can do to nourish our gut

588

00:26:03,390 --> 00:26:00,679

microbiome is to eat a lot of fiber the

589

00:26:05,890 --> 00:26:03,400

bacteria they like to break down fiber

590

00:26:08,350 --> 00:26:05,900

generally the good guys and we want a

591

00:26:11,169 --> 00:26:08,360

lot of those and lots of complex sugars

592

00:26:13,700 --> 00:26:11,179

not so good yeah and lots of simple

593

00:26:15,350 --> 00:26:13,710

sugars also not so good so

594

00:26:18,890 --> 00:26:15,360

not that I'm advocating a

595

00:26:21,410 --> 00:26:18,900

low-carbohydrate diet by any means

596

00:26:23,180 --> 00:26:21,420

but yet high-fiber we don't we don't

597

00:26:26,510 --> 00:26:23,190

generally eat as much fiber as we should

598

00:26:28,910 --> 00:26:26,520

in our modern diets I'm gonna go eat a

599

00:26:30,560 --> 00:26:28,920

raw carrot right now where can we find

600

00:26:32,420 --> 00:26:30,570

you online I'll see what you're up to if

601  
00:26:36,260 --> 00:26:32,430  
you've got a place online we can visit I

602  
00:26:39,770 --> 00:26:36,270  
have any candidate page for the science

603  
00:26:43,070 --> 00:26:39,780  
party I'm the I'm the candidate for the

604  
00:26:43,940 --> 00:26:43,080  
federal seat of Kingsford Smith and I'm

605  
00:26:46,010 --> 00:26:43,950  
the leader of the New South Wales

606  
00:26:48,740 --> 00:26:46,020  
science party so you can find me kicking

607  
00:26:53,690 --> 00:26:48,750  
around those pages or I am on Twitter at

608  
00:26:55,100 --> 00:26:53,700  
Andrea underscore underscore Lian have

609  
00:26:56,900 --> 00:26:55,110  
you had a chance to do any political

610  
00:27:03,260 --> 00:26:56,910  
debates with these standard candidates

611  
00:27:06,020 --> 00:27:03,270  
in your seat death I have and you didn't

612  
00:27:09,650 --> 00:27:06,030  
get emotional yes try to keep it very

613  
00:27:12,290 --> 00:27:09,660

rational yeah so I was quite lucky in

614

00:27:15,200 --> 00:27:12,300

the 2016 election that the concerned

615

00:27:18,110 --> 00:27:15,210

citizens of Kingsford Smith organized a

616

00:27:20,090 --> 00:27:18,120

few debates among the candidates so I've

617

00:27:21,980 --> 00:27:20,100

got to cut my teeth there so politics is

618

00:27:23,360 --> 00:27:21,990

quite quite weird first I like it oh

619

00:27:24,470 --> 00:27:23,370

yeah it's really weird was there

620

00:27:26,270 --> 00:27:24,480

something that happened where you went

621

00:27:28,820 --> 00:27:26,280

oh wow I forgot that if you do that

622

00:27:32,690 --> 00:27:28,830

people get all weird talking about

623

00:27:34,070 --> 00:27:32,700

nuclear power yes that would be a tough

624

00:27:35,900 --> 00:27:34,080

one because sever everyone's got will

625

00:27:36,980 --> 00:27:35,910

look it's yes it's environmentally

626

00:27:38,660 --> 00:27:36,990

friendly but if you spill something

627

00:27:41,360 --> 00:27:38,670

that's a long time

628

00:27:43,370 --> 00:27:41,370

yeah but then looking at the the

629

00:27:45,590 --> 00:27:43,380

alternative that we have at the moment I

630

00:27:47,810 --> 00:27:45,600

think I'll take the potential future

631

00:27:52,220 --> 00:27:47,820

harm of radioactive waste over the

632

00:27:54,380 --> 00:27:52,230

current known harm of more co2 emissions

633

00:27:56,150 --> 00:27:54,390

and also the particulates that we don't

634

00:27:58,370 --> 00:27:56,160

talk too much about because we talk a

635

00:28:00,140 --> 00:27:58,380

lot about the greenhouse gas effect but

636

00:28:03,620 --> 00:28:00,150

lots of people are dying from and

637

00:28:10,060 --> 00:28:03,630

getting lung disease and all all sorts

638

00:28:12,260 --> 00:28:10,070

from the particulate from coal and as I

639

00:28:14,690 --> 00:28:12,270

just have to us as stepping into the

640

00:28:16,250 --> 00:28:14,700

political field briefly when you stepped

641

00:28:18,470 --> 00:28:16,260

on that landmine of the nuclear power

642

00:28:20,690 --> 00:28:18,480

issue is there a inhaled breath from the

643

00:28:22,760 --> 00:28:20,700

room to the whole room go

644

00:28:24,950 --> 00:28:22,770

what's the sign you look out for that we

645

00:28:27,710 --> 00:28:24,960

should all should look for oh yeah there

646

00:28:30,530 --> 00:28:27,720

was actually a collective intake of

647

00:28:32,270 --> 00:28:30,540

breath but I should have armed myself

648

00:28:35,630 --> 00:28:32,280

before beforehand with the knowledge

649

00:28:37,880 --> 00:28:35,640

that actually think about 20 percent of

650

00:28:40,700 --> 00:28:37,890

Australians in favour of nuclear energy

651  
00:28:42,920 --> 00:28:40,710  
and another 20 percent aren't opposed

652  
00:28:44,900 --> 00:28:42,930  
their sort of nuclear energy neutral so

653  
00:28:46,030 --> 00:28:44,910  
if I'd known that beforehand I would

654  
00:28:48,230 --> 00:28:46,040  
have been much more confident so

655  
00:28:49,640 --> 00:28:48,240  
forewarned is forearmed so you're

656  
00:28:53,960 --> 00:28:49,650  
looking forward to the next election are

657  
00:28:55,730 --> 00:28:53,970  
you oh yeah I mean yes of course yeah I

658  
00:28:57,379 --> 00:28:55,740  
know it's extra stuff on top of your

659  
00:29:01,279 --> 00:28:57,389  
studies in your work

660  
00:29:03,379 --> 00:29:01,289  
it is but getting issues out there and

661  
00:29:05,989 --> 00:29:03,389  
look like dick Smith would like to talk

662  
00:29:07,489 --> 00:29:05,999  
about the the population debate I think

663  
00:29:10,969 --> 00:29:07,499

the nuclear debate is one that should be

664

00:29:13,329 --> 00:29:10,979

had yeah definitely I think it's

665

00:29:15,469 --> 00:29:13,339

beneficial to get that out there that

666

00:29:18,229 --> 00:29:15,479

Australians aren't so opposed to nuclear

667

00:29:19,489 --> 00:29:18,239

power as well let's believe thank you

668

00:29:22,099 --> 00:29:19,499

for time tonight will be a good audience

669

00:29:23,959 --> 00:29:22,109

no I mean at any stage although someone

670

00:29:25,219 --> 00:29:23,969

do some smarty bum told you to read the

671

00:29:29,449 --> 00:29:25,229

Origin of Species

672

00:29:31,009 --> 00:29:29,459

you should goose him sorry the origins

673

00:29:34,639 --> 00:29:31,019

of feces oh is that what he said I

674

00:29:36,589 --> 00:29:34,649

thought I say okay right okay yeah a

675

00:29:37,459 --> 00:29:36,599

funny one mate okay thank you very much

676  
00:29:38,329 --> 00:29:37,469  
should we hope to have you back again

677  
00:29:44,460 --> 00:29:38,339  
sometime

678  
00:29:55,930 --> 00:29:51,360  
[Music]

679  
00:29:59,080 --> 00:29:55,940  
the skeptic magazine the journal from

680  
00:30:01,299 --> 00:29:59,090  
Australian skeptics subscribe online to

681  
00:30:06,580 --> 00:30:01,309  
the world's second oldest skeptical

682  
00:30:09,790 --> 00:30:06,590  
magazine visit WWF Descamps au and click

683  
00:30:14,170 --> 00:30:09,800  
the publication's link you can also find

684  
00:30:17,350 --> 00:30:14,180  
there over 30 years on back issues free

685  
00:30:31,330 --> 00:30:17,360  
to download the skeptic magazine from

686  
00:30:34,240 --> 00:30:31,340  
Australian skeptics memoirs of a former

687  
00:30:38,590 --> 00:30:34,250  
mystic a documentary film being made by

688  
00:30:41,440 --> 00:30:38,600

Jessica Schwab and Elizabeth fascia in

689

00:30:44,650 --> 00:30:41,450

production now a film were a former

690

00:30:47,100 --> 00:30:44,660

spiritual leader dares to expose what

691

00:30:48,720 --> 00:30:47,110

she wants taught and believed so fondly

692

00:30:52,060 --> 00:30:48,730

[Music]

693

00:30:56,049 --> 00:30:52,070

after ten years of being a New Age guru

694

00:30:59,020 --> 00:30:56,059

and iconic crystal child Jessica Shaw of

695

00:31:01,990 --> 00:30:59,030

aka Jessica mystic chose to quit her

696

00:31:04,660 --> 00:31:02,000

mission and started deconditioning

697

00:31:13,750 --> 00:31:04,670

herself from the esoteric ideas that had

698

00:31:15,970 --> 00:31:13,760

ruled her life her so long hello I am

699

00:31:18,970 --> 00:31:15,980

the producer of the documentary project

700

00:31:21,490 --> 00:31:18,980

memoize a Performa mystic I met Jessica

701  
00:31:24,280 --> 00:31:21,500  
sharp two years ago and she told me

702  
00:31:27,190 --> 00:31:24,290  
about her story and I felt okay we have

703  
00:31:29,380 --> 00:31:27,200  
to make a film about this so just yeah

704  
00:31:31,780 --> 00:31:29,390  
can you tell us what the story is all

705  
00:31:33,490 --> 00:31:31,790  
about yes in this film I'm going to take

706  
00:31:36,549 --> 00:31:33,500  
people into a journey of how I end up

707  
00:31:38,980 --> 00:31:36,559  
believing these things to begin with the

708  
00:31:41,140 --> 00:31:38,990  
spiritual new-age ideologies that is all

709  
00:31:42,760 --> 00:31:41,150  
about love light and consciousness and

710  
00:31:45,730 --> 00:31:42,770  
connecting to your infinite potential

711  
00:31:47,919 --> 00:31:45,740  
and being positive but also dealing with

712  
00:31:48,610 --> 00:31:47,929  
the darker energy which we call the

713  
00:31:50,980 --> 00:31:48,620

Illuminati

714

00:31:53,620 --> 00:31:50,990

that is controlling the government and I

715

00:31:56,440 --> 00:31:53,630

thought I was I had this very important

716

00:31:58,990 --> 00:31:56,450

information and so I decided to make a

717

00:32:00,640 --> 00:31:59,000

youtube video in 2008 called my message

718

00:32:02,590 --> 00:32:00,650

to humanity

719

00:32:04,840 --> 00:32:02,600

this video ended up getting a lot of

720

00:32:07,420 --> 00:32:04,850

interest and support from people they

721

00:32:09,790 --> 00:32:07,430

were so impressed by it and they felt

722

00:32:12,460 --> 00:32:09,800

that I had something really important

723

00:32:14,140 --> 00:32:12,470

and before I knew it I was asked to

724

00:32:17,920 --> 00:32:14,150

speak all over the world about my

725

00:32:20,830 --> 00:32:17,930

spiritual messages and and it was it was

726

00:32:22,240 --> 00:32:20,840

just suddenly became a guru and when I

727

00:32:23,710 --> 00:32:22,250

really believed what I was doing I

728

00:32:26,050 --> 00:32:23,720

really felt it was helping and it was

729

00:32:29,530 --> 00:32:26,060

right and it was true so I accepted this

730

00:32:32,530 --> 00:32:29,540

label this title and I also became a

731

00:32:33,880 --> 00:32:32,540

celebrity in the esoteric field when as

732

00:32:35,560 --> 00:32:33,890

time went on I started to realize that

733

00:32:38,230 --> 00:32:35,570

these beliefs were really not helping

734

00:32:40,150 --> 00:32:38,240

that they were not that it was difficult

735

00:32:42,040 --> 00:32:40,160

to be able to face reality with these

736

00:32:43,930 --> 00:32:42,050

beliefs particularly also for myself

737

00:32:45,490 --> 00:32:43,940

that we but these beliefs were the

738

00:32:47,770 --> 00:32:45,500

answer and solution to all of our

739

00:32:50,620 --> 00:32:47,780

problems and my own personal life was a

740

00:32:53,320 --> 00:32:50,630

mess and they weren't able to help me so

741

00:32:58,060 --> 00:32:53,330

I started to feel so very trapped by

742

00:32:59,620 --> 00:32:58,070

these beliefs and I also saw that I I

743

00:33:01,060 --> 00:32:59,630

really wanted to believe they were

744

00:33:02,530 --> 00:33:01,070

helping but the more I saw that they

745

00:33:04,120 --> 00:33:02,540

really weren't and I had a

746

00:33:06,820 --> 00:33:04,130

responsibility because I helped to

747

00:33:09,220 --> 00:33:06,830

encourage this therefore I had to be the

748

00:33:11,860 --> 00:33:09,230

one to now speak out and expose it but

749

00:33:14,890 --> 00:33:11,870

really nothing prepared me for how my

750

00:33:18,100 --> 00:33:14,900

father's reacted when I did this yeah as

751  
00:33:21,040 --> 00:33:18,110  
you see it's a very exciting product the

752  
00:33:23,440 --> 00:33:21,050  
testimonial of a person who was a

753  
00:33:25,870 --> 00:33:23,450  
believer and became a skeptic and it's

754  
00:33:29,050 --> 00:33:25,880  
really a provocation actually from this

755  
00:33:30,880 --> 00:33:29,060  
outstanding story to tell people to

756  
00:33:33,010 --> 00:33:30,890  
question their own beliefs to question

757  
00:33:35,740 --> 00:33:33,020  
their own way of thinking and sometimes

758  
00:33:37,870 --> 00:33:35,750  
we think we do the best we are doing

759  
00:33:40,060 --> 00:33:37,880  
good we are looking for the truth and

760  
00:33:43,600 --> 00:33:40,070  
actually we're doing some harm to

761  
00:33:45,070 --> 00:33:43,610  
ourselves and to others so this film is

762  
00:33:46,990 --> 00:33:45,080  
gonna be an adventure we're gonna go

763  
00:33:51,010 --> 00:33:47,000

around the world to shoot sequences

764

00:33:54,160 --> 00:33:51,020

where Jessica was once welcomed as a

765

00:33:57,280 --> 00:33:54,170

messenger of a greater truth it's gonna

766

00:33:58,960 --> 00:33:57,290

be shot in North America in Europe and

767

00:34:02,200 --> 00:33:58,970

even in Asia where she went

768

00:34:04,390 --> 00:34:02,210

so we hope you you're as excited as we

769

00:34:06,370 --> 00:34:04,400

are about this project and that you will

770

00:34:12,500 --> 00:34:06,380

support it thanks a lot

771

00:34:14,849 --> 00:34:12,510

[Music]

772

00:34:19,530 --> 00:34:14,859

if you want to support this project

773

00:34:21,629 --> 00:34:19,540

visit wwm woz of a form of mr. calm or

774

00:34:38,430 --> 00:34:21,639

just follow the links in this week's

775

00:34:41,579 --> 00:34:38,440

show notes oh hi Maynard

776

00:34:44,430 --> 00:34:41,589

oh hi Heidi great day in this park

777

00:34:48,359 --> 00:34:44,440

yeah if you like that sort of thing look

778

00:34:52,879 --> 00:34:48,369

over there oh yeah we there are no such

779

00:34:56,490 --> 00:34:52,889

things as URIs silly hmm might be just

780

00:34:58,050 --> 00:34:56,500

dog a big dog I think it's a King

781

00:35:02,099 --> 00:34:58,060

Charles Spaniel thing

782

00:35:04,890 --> 00:35:02,109

mmm no no no no no it's a Yowie Maynard

783

00:35:05,970 --> 00:35:04,900

if it's a choice between it being a dog

784

00:35:09,690 --> 00:35:05,980

or a Yowie

785

00:35:12,210 --> 00:35:09,700

no no no it's ii yo ii yo ii yo ii yo ii

786

00:35:16,170 --> 00:35:12,220

yo ii argument from Authority its

787

00:35:19,020 --> 00:35:16,180

yah we are you - what are you arguing

788

00:35:23,609 --> 00:35:19,030

about may not think that dog lookin

789

00:35:27,930 --> 00:35:23,619

thing over there is a Yowie yah we well

790

00:35:30,359 --> 00:35:27,940

maybe Chu Becker the wookie over her I

791

00:35:33,470 --> 00:35:30,369

see okay we better look this up in the

792

00:35:36,480 --> 00:35:33,480

skeptics dictionary online though Wow

793

00:35:38,880 --> 00:35:36,490

the skeptics dictionary online features

794

00:35:41,490 --> 00:35:38,890

definitions arguments and essays on

795

00:35:44,270 --> 00:35:41,500

hundreds of strange beliefs amusing

796

00:35:46,920 --> 00:35:44,280

descriptions and dangerous delusions

797

00:35:49,710 --> 00:35:46,930

also features dozens of entries on

798

00:35:56,870 --> 00:35:49,720

logical fallacies cognitive biases

799

00:36:08,890 --> 00:36:05,430

was kept in comma right hand prepared

800

00:36:13,380 --> 00:36:08,900

to be amazed okay

801  
00:36:16,960 --> 00:36:13,390  
ah here it is send a Bigfoot it says

802  
00:36:19,029 --> 00:36:16,970  
most scientists discount the evidence of

803  
00:36:21,999 --> 00:36:19,039  
Bigfoot because the evidence supporting

804  
00:36:24,609 --> 00:36:22,009  
belief in the survival of a historic

805  
00:36:28,239 --> 00:36:24,619  
biped ape-like creature of such

806  
00:36:35,009 --> 00:36:28,249  
dimensions is scant you know maybe that

807  
00:36:57,849 --> 00:36:56,559  
thank you skeptics dictionary online now

808  
00:36:59,859 --> 00:36:57,859  
here's a story from the Australian

809  
00:37:02,349 --> 00:36:59,869  
skeptics at skeptics calm today you

810  
00:37:05,680 --> 00:37:02,359  
written by Tim Mendham published on the

811  
00:37:09,009 --> 00:37:05,690  
2nd of February 2018 scientific literacy

812  
00:37:14,020 --> 00:37:09,019  
low priority for complementary and

813  
00:37:20,020 --> 00:37:17,530

a draft industry skills forecast for the

814

00:37:22,660 --> 00:37:20,030

complementary health industry puts

815

00:37:26,350 --> 00:37:22,670

scientific illiteracy near the bottom of

816

00:37:28,780 --> 00:37:26,360

its list of quote key generic skills

817

00:37:32,470 --> 00:37:28,790

ranked in order of importance end quote

818

00:37:37,870 --> 00:37:32,480

quote science mathematics and scientific

819

00:37:40,920 --> 00:37:37,880

literacy unquote ranks 11 out of 12

820

00:37:43,690 --> 00:37:40,930

meaning Finance and entrepreneurialship

821

00:37:46,480 --> 00:37:43,700

including the ability to sell ideas and

822

00:37:48,820 --> 00:37:46,490

products are more important only quote

823

00:37:51,430 --> 00:37:48,830

environmental and sustainability in

824

00:37:53,530 --> 00:37:51,440

quote skills rate lower than an

825

00:37:56,710 --> 00:37:53,540

appreciation and knowledge of science

826

00:38:00,130 --> 00:37:56,720

the complementary medicine disciplines

827

00:38:03,670 --> 00:38:00,140

covered in the forecast are aromatherapy

828

00:38:06,330 --> 00:38:03,680

era Veda kinesiology massage and

829

00:38:09,310 --> 00:38:06,340

remedial massage therapy reflexology

830

00:38:12,730 --> 00:38:09,320

shiatsu and traditional Chinese medicine

831

00:38:15,490 --> 00:38:12,740

remedial massage the list is part of a

832

00:38:19,230 --> 00:38:15,500

skills forecast document prepared by

833

00:38:22,960 --> 00:38:19,240

skills iq quote a not-for-profit

834

00:38:25,060 --> 00:38:22,970

independent skills service organization

835

00:38:28,570 --> 00:38:25,070

supporting a range of industry reference

836

00:38:30,580 --> 00:38:28,580

committees ir cease to undertake

837

00:38:33,790 --> 00:38:30,590

training product development that

838

00:38:36,880 --> 00:38:33,800

ensures skills meet future industry

839

00:38:38,410 --> 00:38:36,890

needs in quote skills like you receive

840

00:38:41,410 --> 00:38:38,420

some financial support from the

841

00:38:44,350 --> 00:38:41,420

Commonwealth Government the seventeen IR

842

00:38:46,090 --> 00:38:44,360

sees that skills IQ works with are

843

00:38:48,370 --> 00:38:46,100

responsible for overseeing the

844

00:38:51,460 --> 00:38:48,380

development and review of training

845

00:38:53,620 --> 00:38:51,470

packages serving the skills needs of

846

00:38:57,430 --> 00:38:53,630

almost fifty percent of the Australian

847

00:39:00,280 --> 00:38:57,440

workforce skills IQ objectives they

848

00:39:02,620 --> 00:39:00,290

include facilitating IRCs to advise the

849

00:39:06,370 --> 00:39:02,630

Australian Government via the Australian

850

00:39:08,650 --> 00:39:06,380

industry and skills committee I are CG

851  
00:39:10,240 --> 00:39:08,660  
on quote positioning Australia to

852  
00:39:13,000 --> 00:39:10,250  
respond to additional demands for

853  
00:39:15,250 --> 00:39:13,010  
services as our population ages to

854  
00:39:17,680 --> 00:39:15,260  
capitalize on synergies across the

855  
00:39:20,680 --> 00:39:17,690  
services sector to increase career

856  
00:39:24,340 --> 00:39:20,690  
pathways and mobility and recruitment of

857  
00:39:26,500 --> 00:39:24,350  
young people men quote the complimentary

858  
00:39:27,099 --> 00:39:26,510  
health skills document is not sure how

859  
00:39:28,930 --> 00:39:27,109  
many

860  
00:39:32,019 --> 00:39:28,940  
businesses there are in the overall

861  
00:39:33,759 --> 00:39:32,029  
complimentary medicine sector depending

862  
00:39:36,039 --> 00:39:33,769  
on the source there are somewhere

863  
00:39:39,700 --> 00:39:36,049

between nineteen thousand five hundred

864

00:39:41,620 --> 00:39:39,710

to nearly 30 thousand those numbers

865

00:39:43,690 --> 00:39:41,630

include other services not covered in

866

00:39:45,849 --> 00:39:43,700

the skills forecast but are still

867

00:39:49,089 --> 00:39:45,859

classified as complementary or quote

868

00:39:51,989 --> 00:39:49,099

allied unquote services most of the

869

00:39:55,680 --> 00:39:51,999

businesses are single person operations

870

00:39:58,109 --> 00:39:55,690

the twelve generic skills required by

871

00:40:00,489 --> 00:39:58,119

complementary and alternative medicine

872

00:40:03,009 --> 00:40:00,499

operators are supplied by the

873

00:40:05,440 --> 00:40:03,019

Commonwealth Department of Education and

874

00:40:08,319 --> 00:40:05,450

Training though not necessarily in the

875

00:40:12,269 --> 00:40:08,329

order presented ranked from the most

876

00:40:14,799 --> 00:40:12,279

important to the least they are one

877

00:40:17,999 --> 00:40:14,809

communication collaboration social

878

00:40:20,890 --> 00:40:18,009

intelligence to learning agility

879

00:40:23,890 --> 00:40:20,900

information literacy intellectual

880

00:40:28,499 --> 00:40:23,900

autonomy three customer service

881

00:40:31,839 --> 00:40:28,509

marketing for financial five

882

00:40:36,239 --> 00:40:31,849

entrepreneurial six language literacy

883

00:40:39,749 --> 00:40:36,249

and numeracy seven design mindset

884

00:40:43,599 --> 00:40:39,759

thinking critically system thinking

885

00:40:49,229 --> 00:40:43,609

problem-solving eight technology and

886

00:40:54,299 --> 00:40:49,239

application nine data analysis ten

887

00:40:57,609 --> 00:40:54,309

managerial leadership eleven science

888

00:41:00,749 --> 00:40:57,619

technology engineering and maths science

889

00:41:05,620 --> 00:41:00,759

mathematics and scientific literacy

890

00:41:07,660 --> 00:41:05,630

twelve environmental sustainability the

891

00:41:10,539 --> 00:41:07,670

seventh skill set which includes

892

00:41:13,120 --> 00:41:10,549

critical thinking covers quote ability

893

00:41:16,029 --> 00:41:13,130

to adapt products to rapidly shifting

894

00:41:17,499 --> 00:41:16,039

consumer tastes and trends ability to

895

00:41:19,359 --> 00:41:17,509

determine the deeper meaning or

896

00:41:22,450 --> 00:41:19,369

significance of what is being expressed

897

00:41:25,660 --> 00:41:22,460

by technology ability to understand how

898

00:41:29,499 --> 00:41:25,670

things are regarded as systems influence

899

00:41:32,319 --> 00:41:29,509

one another with a complete entity or

900

00:41:36,940 --> 00:41:32,329

larger system ability to think

901  
00:41:39,789 --> 00:41:36,950  
historically unquote as an aside fans of

902  
00:41:41,460 --> 00:41:39,799  
Yes Minister might be hearing Sir

903  
00:41:44,200 --> 00:41:41,470  
Humphry up will be at the

904  
00:41:50,890 --> 00:41:44,210  
in that report bottom Mendham appears at

905  
00:41:50,900 --> 00:42:08,630  
[Music]

906  
00:42:13,230 --> 00:42:11,009  
thank you for listening to the skeptic

907  
00:42:16,230 --> 00:42:13,240  
zone now next week we hope to bring you

908  
00:42:18,990 --> 00:42:16,240  
an update on the story that made news

909  
00:42:21,930 --> 00:42:19,000  
here recently last few days the

910  
00:42:23,370 --> 00:42:21,940  
Australian Senate has passed a bill in

911  
00:42:26,099 --> 00:42:23,380  
relation to the Therapeutic Goods

912  
00:42:29,039 --> 00:42:26,109  
Administration which opened the door to

913  
00:42:32,069 --> 00:42:29,049

all sorts of quack claims to be made now

914

00:42:34,890 --> 00:42:32,079

we reported on this last week sadly

915

00:42:36,870 --> 00:42:34,900

that's gone through it's absolutely

916

00:42:38,279 --> 00:42:36,880

outrageous but anyway we'll try to bring

917

00:42:41,910 --> 00:42:38,289

you some more information about that

918

00:42:45,450 --> 00:42:41,920

next week I'm looking forward on the

919

00:42:47,549 --> 00:42:45,460

first Thursday of next month to skeptics

920

00:42:51,059 --> 00:42:47,559

in the pub where Maynard myself and Lara

921

00:42:54,180 --> 00:42:51,069

Benham will be conducting a trivia night

922

00:42:55,859 --> 00:42:54,190

if you love trivia love skepticism it's

923

00:42:57,799 --> 00:42:55,869

a skeptical trivia night so all the

924

00:43:01,789 --> 00:42:57,809

questions will most of them I think

925

00:43:04,109 --> 00:43:01,799

wrapped up with your skeptical knowledge

926

00:43:06,059 --> 00:43:04,119

there'll be some prizes along the way

927

00:43:07,799 --> 00:43:06,069

and lots of fun so that's Sydney

928

00:43:11,190 --> 00:43:07,809

skeptics in the pub more details at

929

00:43:13,819 --> 00:43:11,200

skeptics calm today you and thank you

930

00:43:15,990 --> 00:43:13,829

for those people who continued to

931

00:43:19,380 --> 00:43:16,000

support the sceptic zone with your

932

00:43:22,799 --> 00:43:19,390

donations via patreon or PayPal and in

933

00:43:26,190 --> 00:43:22,809

fact with your generous help over the

934

00:43:27,870 --> 00:43:26,200

last couple of years I was able to well

935

00:43:30,990 --> 00:43:27,880

it certainly helped me purchase a new

936

00:43:33,890 --> 00:43:31,000

iPad which I use quite a lot for the

937

00:43:37,559 --> 00:43:33,900

sceptic zone in fact mmm something like

938

00:43:40,589 --> 00:43:37,569

75% of the sceptic zone is now edited on

939

00:43:43,559 --> 00:43:40,599

the iPad using an app I really like

940

00:43:45,440 --> 00:43:43,569

called a ferret for those of you who

941

00:43:48,839 --> 00:43:45,450

want to give it a go it's a wonderful

942

00:43:50,009 --> 00:43:48,849

multitrack audio editor and while I'm

943

00:43:53,039 --> 00:43:50,019

talking about these matters

944

00:43:53,579 --> 00:43:53,049

I'm also very taken with the Apple

945

00:43:55,410 --> 00:43:53,589

pencil

946

00:43:58,499 --> 00:43:55,420

well done Apple no I don't get any

947

00:44:00,390 --> 00:43:58,509

kickbacks from Apple not a one and the

948

00:44:03,299 --> 00:44:00,400

app called procreate which is an

949

00:44:05,099 --> 00:44:03,309

artistic app which uses lots and

950

00:44:08,460 --> 00:44:05,109

different pens and pencils and inking

951  
00:44:10,170 --> 00:44:08,470  
and multiple layers and it's just very

952  
00:44:11,670 --> 00:44:10,180  
well done so though they're my tips

953  
00:44:13,680 --> 00:44:11,680  
there you go folks if you happen to have

954  
00:44:17,609 --> 00:44:13,690  
an iPad pro I can recommend that

955  
00:44:21,269 --> 00:44:17,619  
combination again I have no deal with

956  
00:44:24,019 --> 00:44:21,279  
Apple I promise you but until next week

957  
00:44:26,640 --> 00:44:24,029  
and in the meantime I'll practice amaura

958  
00:44:28,920 --> 00:44:26,650  
some more artistic endeavors this is

959  
00:44:35,069 --> 00:44:28,930  
Richard Saunders signing off from Sydney

960  
00:44:37,799 --> 00:44:35,079  
Australia you've been listening to the

961  
00:44:44,460 --> 00:44:37,809  
skeptic zone podcast please visit our

962  
00:44:47,249 --> 00:44:44,470  
website at [wwlp.com](http://wwlp.com) tax and to access

963  
00:44:50,849 --> 00:44:47,259

the bat catalog of episodes going back

964

00:44:54,480 --> 00:44:50,859

to 2008 you can follow the skeptic zone

965

00:44:56,880 --> 00:44:54,490

podcast on twitter at skeptic zone visit

966

00:45:00,240 --> 00:44:56,890

our facebook page or leave a review on

967

00:45:03,630 --> 00:45:00,250

itunes you can also support the skeptic

968

00:45:05,970 --> 00:45:03,640

zone via patreon or PayPal the skeptic

969

00:45:07,920 --> 00:45:05,980

zone podcast is an independent

970

00:45:10,140 --> 00:45:07,930

production reviews and opinions

971

00:45:12,269 --> 00:45:10,150

expressed on the skeptic zone are not

972

00:45:13,529 --> 00:45:12,279

necessarily those of Australian skeptics

973

00:45:15,210 --> 00:45:13,539

or any other