

**The Skeptic Zone Podcast  
Show 407 - 7 August 2016**



**Dr Paul Willis**

1  
00:00:21,710 --> 00:00:09,080  
welcome to the skeptic zone the podcast

2  
00:00:28,019 --> 00:00:24,150  
yes it's the skeptics own podcast

3  
00:00:31,200 --> 00:00:28,029  
episode number 407 for the 7th of August

4  
00:00:34,290 --> 00:00:31,210  
2016 Richard Saunders here with you from

5  
00:00:36,570 --> 00:00:34,300  
Sydney Australia which is still nice and

6  
00:00:37,979 --> 00:00:36,580  
wintry coming up on this week's show

7  
00:00:39,600 --> 00:00:37,989  
we're going to be chatting to an old

8  
00:00:42,660 --> 00:00:39,610  
friend of mine an old friend of the

9  
00:00:45,930 --> 00:00:42,670  
skeptics own doctor Paul Willis well

10  
00:00:49,920 --> 00:00:45,940  
known to listeners in Australia dr. Paul

11  
00:00:53,100 --> 00:00:49,930  
Willis was a former ABC science reporter

12  
00:00:55,920 --> 00:00:53,110  
ABC TV on their TV show catalyst for

13  
00:00:58,740 --> 00:00:55,930

many years and then he went and joined

14

00:01:01,049 --> 00:00:58,750

the Royal Institution of Australia and

15

00:01:02,939 --> 00:01:01,059

as skeptics and listeners will remember

16

00:01:04,950 --> 00:01:02,949

for some years we were playing a

17

00:01:06,870 --> 00:01:04,960

weakened science from the Royal

18

00:01:09,780 --> 00:01:06,880

Institution of Australia that sort of

19

00:01:12,090 --> 00:01:09,790

wound up why well Paul will tell us and

20

00:01:15,270 --> 00:01:12,100

he will tell us all about the exciting

21

00:01:18,030 --> 00:01:15,280

new venture Australia's science channel

22

00:01:20,880 --> 00:01:18,040

oh yes a portal an internet portal

23

00:01:22,710 --> 00:01:20,890

devoted to science where I know there

24

00:01:24,900 --> 00:01:22,720

are many of those but this has got an

25

00:01:26,160 --> 00:01:24,910

interesting sort of twist to it find out

26  
00:01:28,230 --> 00:01:26,170  
more coming up at the top of the show

27  
00:01:30,600 --> 00:01:28,240  
when we chat to dr. Paul Willis

28  
00:01:33,870 --> 00:01:30,610  
following that it's a brief report about

29  
00:01:36,750 --> 00:01:33,880  
a chiropractor here in Australia who's

30  
00:01:40,020 --> 00:01:36,760  
been charged with breaching advertising

31  
00:01:42,000 --> 00:01:40,030  
requirements on about time and I have a

32  
00:01:45,660 --> 00:01:42,010  
funny feeling that this is only the tip

33  
00:01:48,420 --> 00:01:45,670  
of the iceberg watch this space I think

34  
00:01:51,420 --> 00:01:48,430  
we'll be reporting about this sort of

35  
00:01:55,469 --> 00:01:51,430  
thing coming up more and more following

36  
00:01:58,290 --> 00:01:55,479  
that we look at the check out the check

37  
00:02:01,219 --> 00:01:58,300  
out another ABC TV program which is all

38  
00:02:04,530 --> 00:02:01,229

about consumer affairs which we enjoy

39

00:02:07,050 --> 00:02:04,540

the recent episode of recent episode

40

00:02:08,669 --> 00:02:07,060

covered something that skeptics have

41

00:02:12,210 --> 00:02:08,679

been talking about for many years that

42

00:02:14,280 --> 00:02:12,220

is quackery in pharmacies when you go

43

00:02:16,940 --> 00:02:14,290

into your pharmacy shop you expect to

44

00:02:22,850 --> 00:02:16,950

buy a legitimate science-based medicine

45

00:02:26,069 --> 00:02:22,860

but sadly there are shelves full of pure

46

00:02:28,410 --> 00:02:26,079

quackery the checkout TV program looked

47

00:02:30,059 --> 00:02:28,420

into this I'll run a short clip and also

48

00:02:31,559 --> 00:02:30,069

i'll be reading an open letter that the

49

00:02:35,759 --> 00:02:31,569

australian skeptics wrote

50

00:02:39,030 --> 00:02:35,769

few years back about er a candling ya

51  
00:02:42,509 --> 00:02:39,040  
ear candling and sadly you can still buy

52  
00:02:44,099 --> 00:02:42,519  
ear candles in pharmacies then to round

53  
00:02:45,899 --> 00:02:44,109  
off the show we head back to Sydney

54  
00:02:50,309 --> 00:02:45,909  
skeptics in the pub and ask the big

55  
00:02:53,009 --> 00:02:50,319  
question how long should you debate with

56  
00:02:54,660 --> 00:02:53,019  
a conspiracy theorist before giving up

57  
00:02:58,220 --> 00:02:54,670  
and that question was sent to us by

58  
00:03:01,949 --> 00:02:58,230  
listener Tom Kelly thank you Tom and he

59  
00:03:04,110 --> 00:03:01,959  
sent that in via a skeptic zone facebook

60  
00:03:06,539 --> 00:03:04,120  
page and you're welcome to go to the

61  
00:03:09,059 --> 00:03:06,549  
skeptic zone facebook page the links are

62  
00:03:10,500 --> 00:03:09,069  
at skeptic zone TV if you want to add

63  
00:03:14,789 --> 00:03:10,510

your comments to any particular episode

64

00:03:18,689 --> 00:03:14,799

and speaking of skeptic zone TV if you

65

00:03:21,240 --> 00:03:18,699

go there now you will see a link to i

66

00:03:24,899 --> 00:03:21,250

heart radio yes the skeptic zone is now

67

00:03:28,800 --> 00:03:24,909

on the iheart radio network as well as

68

00:03:30,949 --> 00:03:28,810

iTunes and stitcher and YouTube those

69

00:03:33,539 --> 00:03:30,959

people living in Sydney look out on

70

00:03:35,339 --> 00:03:33,549

saturday the thirteenth of this month

71

00:03:38,119 --> 00:03:35,349

just over a week away or just under a

72

00:03:41,339 --> 00:03:38,129

week away at the Australian Museum

73

00:03:44,039 --> 00:03:41,349

super-science Saturday if you check out

74

00:03:46,409 --> 00:03:44,049

Australian Museum net got a you or

75

00:03:49,949 --> 00:03:46,419

Google super-science Saturday it's a

76

00:03:52,619 --> 00:03:49,959

great fun day full of science and I will

77

00:03:54,869 --> 00:03:52,629

be performing there whether Maynard will

78

00:03:56,670 --> 00:03:54,879

be doing the mystery investigators show

79

00:04:00,210 --> 00:03:56,680

I think we've got a couple of shows

80

00:04:01,890 --> 00:04:00,220

lined up during the course of the day so

81

00:04:03,149 --> 00:04:01,900

if you want to come by bring the kids

82

00:04:05,429 --> 00:04:03,159

and check out the mystery investigators

83

00:04:06,929 --> 00:04:05,439

will be bending spoons we have a bed of

84

00:04:09,390 --> 00:04:06,939

nails will be doing all that sort of fun

85

00:04:12,059 --> 00:04:09,400

thing water divining explaining science

86

00:04:14,189 --> 00:04:12,069

I'll certainly add a link to the show

87

00:04:15,869 --> 00:04:14,199

notes this week and before we get stuck

88

00:04:18,930 --> 00:04:15,879

into the show a note from our friends at

89

00:04:21,810 --> 00:04:18,940

the canberra skeptics I think the best

90

00:04:25,290 --> 00:04:21,820

way to visit them would be via meetup

91

00:04:28,890 --> 00:04:25,300

com social skeptics Canberra is the name

92

00:04:30,659 --> 00:04:28,900

of the group anyway on the ninth of all

93

00:04:34,770 --> 00:04:30,669

wrist coming up pretty soon actually

94

00:04:36,779 --> 00:04:34,780

this is a coming tuesday at six pm at

95

00:04:38,969 --> 00:04:36,789

King o'malley's irish pub all that's a

96

00:04:44,420 --> 00:04:38,979

nice pub I've been there many times it's

97

00:04:47,270 --> 00:04:44,430

a mini sort of skeptic camp the speaker

98

00:04:49,640 --> 00:04:47,280

you if you turn up this month that says

99

00:04:51,290 --> 00:04:49,650

on the meetup page we're doing something

100

00:04:53,810 --> 00:04:51,300

a little different to celebrate science

101  
00:04:55,340 --> 00:04:53,820  
week a skeptic camp for those who

102  
00:04:57,890 --> 00:04:55,350  
haven't attended a skeptic out before

103  
00:05:00,200 --> 00:04:57,900  
speakers will sign up on the night will

104  
00:05:02,960 --> 00:05:00,210  
be there from five-thirty p.m. and talks

105  
00:05:05,750 --> 00:05:02,970  
will start around 6 10pm and each

106  
00:05:08,860 --> 00:05:05,760  
speaker will have five to 10 minutes on

107  
00:05:11,570 --> 00:05:08,870  
their topic so there you are folks in

108  
00:05:13,070 --> 00:05:11,580  
Canberra check it out and I'll add a

109  
00:05:15,050 --> 00:05:13,080  
link to the show notes well that's

110  
00:05:18,320 --> 00:05:15,060  
enough for me it's time for me to run

111  
00:05:22,850 --> 00:05:18,330  
downstairs indulge myself a little bit

112  
00:05:26,900 --> 00:05:22,860  
and have a few are squares of some nice

113  
00:05:29,690 --> 00:05:26,910

white chocolate and old favorite who

114

00:05:31,880 --> 00:05:29,700

remembers the Milky Bar kid mmm well I

115

00:05:54,900 --> 00:05:31,890

do that I hope you enjoy the skeptic

116

00:06:00,100 --> 00:05:57,879

and joining me now from the Royal

117

00:06:03,460 --> 00:06:00,110

Institution of Australia an old friend

118

00:06:05,650 --> 00:06:03,470

of the skeptics only widely traveled dr.

119

00:06:07,629 --> 00:06:05,660

Paul Willis hello Paul doesn't that

120

00:06:10,150 --> 00:06:07,639

sound posh the Royal Institution of

121

00:06:12,100 --> 00:06:10,160

Australia yeah I always thought it did

122

00:06:13,689 --> 00:06:12,110

but that's what it's called right yeah

123

00:06:16,150 --> 00:06:13,699

well that's exactly what it's called in

124

00:06:18,999 --> 00:06:16,160

fact I now figure that because of my

125

00:06:23,379 --> 00:06:19,009

position I'm entitled to an adjunct

126  
00:06:26,260 --> 00:06:23,389  
Nobel laureate my reasoning is that my

127  
00:06:28,600 --> 00:06:26,270  
predecessors in this role in the Royal

128  
00:06:30,820 --> 00:06:28,610  
Institution in Great Britain they've

129  
00:06:32,589 --> 00:06:30,830  
most of them have being Nobel laureate

130  
00:06:35,170 --> 00:06:32,599  
so I figure I deserve one as well I

131  
00:06:37,360 --> 00:06:35,180  
think's then well let's face it you know

132  
00:06:39,010 --> 00:06:37,370  
just one of the low-hanging fruit one of

133  
00:06:42,339 --> 00:06:39,020  
the easy ones you go world peace all

134  
00:06:44,110 --> 00:06:42,349  
this nothing too taxing will have it

135  
00:06:45,550 --> 00:06:44,120  
will have a word will have a word to the

136  
00:06:47,080 --> 00:06:45,560  
committee and see what we can we can

137  
00:06:49,540 --> 00:06:47,090  
work out for you for I think it is I

138  
00:06:51,370 --> 00:06:49,550

think you deserve right anyway before

139

00:06:53,649 --> 00:06:51,380

now before we get too far into it of

140

00:06:54,969 --> 00:06:53,659

course skeptic zone listen as long time

141

00:06:56,469 --> 00:06:54,979

skeptics and listeners will be very

142

00:06:59,980 --> 00:06:56,479

familiar with the Royal Institution of

143

00:07:02,439 --> 00:06:59,990

Australia because for some years each

144

00:07:04,300 --> 00:07:02,449

week we were playing a wonderful segment

145

00:07:06,909 --> 00:07:04,310

produced by the Royal Institution of

146

00:07:09,490 --> 00:07:06,919

Australia called a week in science what

147

00:07:11,620 --> 00:07:09,500

happened to that poor I love week and

148

00:07:13,570 --> 00:07:11,630

science was a lot of fun we had it

149

00:07:15,510 --> 00:07:13,580

running for three years i think it was

150

00:07:18,820 --> 00:07:15,520

and you know went through various

151  
00:07:22,240 --> 00:07:18,830  
evolutions along the way but now we've

152  
00:07:24,700 --> 00:07:22,250  
turned our attention to a new kind of

153  
00:07:27,430 --> 00:07:24,710  
vodcast a new production it's called

154  
00:07:30,939 --> 00:07:27,440  
brouhaha and basically their little one

155  
00:07:32,980 --> 00:07:30,949  
minute podcasts which some up whatever's

156  
00:07:34,600 --> 00:07:32,990  
on their mind when it comes to the

157  
00:07:37,360 --> 00:07:34,610  
science that's in the zeitgeist out

158  
00:07:39,839 --> 00:07:37,370  
there so that's one to watch out for on

159  
00:07:41,680 --> 00:07:39,849  
Australia's science channel but brouhaha

160  
00:07:43,719 --> 00:07:41,690  
brouhaha that sounds pretty interesting

161  
00:07:45,430 --> 00:07:43,729  
now you've mentioned it we better talk

162  
00:07:46,899 --> 00:07:45,440  
about it and the reason really one of

163  
00:07:49,779 --> 00:07:46,909

the reasons i'm chatting used to you

164

00:07:51,670 --> 00:07:49,789

today is that if i go to the Royal

165

00:07:53,559 --> 00:07:51,680

Institution of Australia's website RI

166

00:07:58,149 --> 00:07:53,569

aus dog today you

167

00:08:02,139 --> 00:07:58,159

it says Australia's science channel

168

00:08:03,999 --> 00:08:02,149

what's that all about look Australia

169

00:08:06,279 --> 00:08:04,009

science channel is the platform that

170

00:08:10,449 --> 00:08:06,289

we've been developing along with host

171

00:08:13,119 --> 00:08:10,459

works which is an online on demand

172

00:08:15,669 --> 00:08:13,129

channel which can handle video it can

173

00:08:17,919 --> 00:08:15,679

handle audio it can handle written work

174

00:08:20,919 --> 00:08:17,929

it can handle mixed media you name it it

175

00:08:24,179 --> 00:08:20,929

can handle it and so basically anything

176

00:08:27,279 --> 00:08:24,189

to do with science of suitable quality

177

00:08:29,439 --> 00:08:27,289

we will put out to the world through

178

00:08:32,409 --> 00:08:29,449

Australia's science channel so we not

179

00:08:34,600 --> 00:08:32,419

only create material ourselves to go on

180

00:08:37,540 --> 00:08:34,610

Australia's science channel we also

181

00:08:39,309 --> 00:08:37,550

aggregate from universities museums and

182

00:08:42,279 --> 00:08:39,319

all kinds of sources around the country

183

00:08:44,980 --> 00:08:42,289

anybody who wants to talk about science

184

00:08:47,170 --> 00:08:44,990

this is a great little hub in order to

185

00:08:48,730 --> 00:08:47,180

be able to do that it looks it looks

186

00:08:50,949 --> 00:08:48,740

fascinating and I've just noticed of

187

00:08:54,610 --> 00:08:50,959

course that there's another website

188

00:08:57,730 --> 00:08:54,620

another URL here which is RI a u.s. TV

189

00:09:00,220 --> 00:08:57,740

is that is that different that's the

190

00:09:02,590 --> 00:09:00,230

actual platform itself yeah so there's

191

00:09:05,679 --> 00:09:02,600

the the old website which is our oils

192

00:09:09,550 --> 00:09:05,689

okay you which now is kind of a legacy

193

00:09:12,100 --> 00:09:09,560

site and that will refer you over to

194

00:09:13,689 --> 00:09:12,110

Australia's science channel which is you

195

00:09:16,480 --> 00:09:13,699

see one of the problems that we've had

196

00:09:20,110 --> 00:09:16,490

with a royal institution of Australia or

197

00:09:22,179 --> 00:09:20,120

we call ourselves our iOS is that it

198

00:09:24,879 --> 00:09:22,189

takes a while to explain exactly what it

199

00:09:27,100 --> 00:09:24,889

is that you do whereas if you say

200

00:09:28,929 --> 00:09:27,110

Australia's science channel everybody

201  
00:09:32,110 --> 00:09:28,939  
knows instantly what it is that you do

202  
00:09:33,850 --> 00:09:32,120  
you talk about science to the world and

203  
00:09:36,670 --> 00:09:33,860  
you talk about Australian science to the

204  
00:09:39,069 --> 00:09:36,680  
world and so that's why we've had that

205  
00:09:41,470 --> 00:09:39,079  
switch so there's still the parent

206  
00:09:44,259 --> 00:09:41,480  
company if you like behind it which is

207  
00:09:46,929 --> 00:09:44,269  
the Royal Institution of Australia but

208  
00:09:49,480 --> 00:09:46,939  
our public platform is Australia's

209  
00:09:51,129 --> 00:09:49,490  
science channel okay and just flipping

210  
00:09:54,519 --> 00:09:51,139  
over there right now to that website

211  
00:09:56,650 --> 00:09:54,529  
it's seems to me at first glance heavily

212  
00:09:58,840 --> 00:09:56,660  
video orientated we've got something

213  
00:10:00,460 --> 00:09:58,850

here from the grandfather paradox but

214

00:10:02,590 --> 00:10:00,470

what I like about it is it gives you a

215

00:10:04,190 --> 00:10:02,600

sort of a big thumbnail selection of

216

00:10:07,430 --> 00:10:04,200

content

217

00:10:08,750 --> 00:10:07,440

and the time so there's things only go

218

00:10:10,340 --> 00:10:08,760

for a couple of minutes things that go

219

00:10:13,490 --> 00:10:10,350

longer there's things that go for nearly

220

00:10:16,280 --> 00:10:13,500

an hour is quite a selection yeah look

221

00:10:20,060 --> 00:10:16,290

it it's one of the it's rapidly building

222

00:10:22,760 --> 00:10:20,070

up into a case of you know I don't know

223

00:10:24,230 --> 00:10:22,770

about you but I sit at home on a night

224

00:10:25,790 --> 00:10:24,240

when there's nothing free to air on a

225

00:10:28,670 --> 00:10:25,800

telly that I want to watch I'll sit

226

00:10:30,980 --> 00:10:28,680

there with SBS on demand or ABC iview

227

00:10:33,890 --> 00:10:30,990

and just cruise around and watch what I

228

00:10:35,960 --> 00:10:33,900

want when I want and that's what the

229

00:10:38,540 --> 00:10:35,970

Australia science channel is therefore

230

00:10:39,890 --> 00:10:38,550

that's the kind of market with for those

231

00:10:42,790 --> 00:10:39,900

people who are specifically interested

232

00:10:45,020 --> 00:10:42,800

in science now a large chunk of this

233

00:10:48,290 --> 00:10:45,030

Australia science channel is given over

234

00:10:51,380 --> 00:10:48,300

to a dedicated area we call the ultimate

235

00:10:55,700 --> 00:10:51,390

science guide which is all about STEM

236

00:10:57,500 --> 00:10:55,710

careers not only is it tied to our print

237

00:11:00,410 --> 00:10:57,510

publication the ultimate science guide

238

00:11:02,270 --> 00:11:00,420

which is an annual compendium of careers

239

00:11:05,420 --> 00:11:02,280

in science technology engineering and

240

00:11:08,450 --> 00:11:05,430

maths but because we've got it on

241

00:11:10,070 --> 00:11:08,460

Australia's science channel we can back

242

00:11:12,710 --> 00:11:10,080

it up with all kinds of interesting

243

00:11:15,470 --> 00:11:12,720

videos there's over 80 videos there that

244

00:11:19,430 --> 00:11:15,480

are young bright researchers in all

245

00:11:22,310 --> 00:11:19,440

kinds of careers saying to the next

246

00:11:24,080 --> 00:11:22,320

generation hey six months ago I didn't

247

00:11:26,450 --> 00:11:24,090

know what a nanotechnologist was but now

248

00:11:28,070 --> 00:11:26,460

I am one and this is how much fun I'm

249

00:11:30,980 --> 00:11:28,080

having and this is these are the

250

00:11:33,710 --> 00:11:30,990

possible careers you can have so by

251  
00:11:36,020 --> 00:11:33,720  
providing this smorgasbord of of career

252  
00:11:39,650 --> 00:11:36,030  
opportunities hopefully we can stimulate

253  
00:11:41,720 --> 00:11:39,660  
that whole stem discussion that's out

254  
00:11:43,700 --> 00:11:41,730  
there and in the Australian zeitgeist at

255  
00:11:47,150 --> 00:11:43,710  
the moment I think that that's a

256  
00:11:48,650 --> 00:11:47,160  
wonderful endeavor I've just again folks

257  
00:11:50,360 --> 00:11:48,660  
clicking through the website I've just

258  
00:11:52,940 --> 00:11:50,370  
clicked on the video link which takes

259  
00:11:55,160 --> 00:11:52,950  
you deeper into the site and yes the

260  
00:11:57,440 --> 00:11:55,170  
list of quick short interesting videos

261  
00:11:59,240 --> 00:11:57,450  
is extensive and it goes on for page

262  
00:12:02,450 --> 00:11:59,250  
after page after page you also have a

263  
00:12:04,340 --> 00:12:02,460

link there to podcasts and to science

264

00:12:07,220 --> 00:12:04,350

articles plus all sorts of other links

265

00:12:08,780 --> 00:12:07,230

what was the genesis of this idea how

266

00:12:11,870 --> 00:12:08,790

long has this been kicking around before

267

00:12:14,300 --> 00:12:11,880

you finally got it going well yeah well

268

00:12:16,790 --> 00:12:14,310

I've been in this job now for just

269

00:12:19,790 --> 00:12:16,800

five years and it wasn't long after I

270

00:12:24,830 --> 00:12:19,800

got here that I said what we need is a

271

00:12:29,180 --> 00:12:24,840

television channel online so that we can

272

00:12:32,269 --> 00:12:29,190

you know make and bring together good

273

00:12:33,950 --> 00:12:32,279

science videos and and initially there

274

00:12:36,170 --> 00:12:33,960

was some skepticism as to whether that

275

00:12:38,810 --> 00:12:36,180

was possible and we were pushing around

276  
00:12:42,410 --> 00:12:38,820  
here we didn't want just another YouTube

277  
00:12:44,300 --> 00:12:42,420  
channel because othr to ban ille you

278  
00:12:48,590 --> 00:12:44,310  
can't curate the content the way that

279  
00:12:50,690 --> 00:12:48,600  
you want to and so yeah we were kind of

280  
00:12:53,180 --> 00:12:50,700  
in a quandary as the hardness of

281  
00:12:56,120 --> 00:12:53,190  
television channel before I don't know

282  
00:12:58,519 --> 00:12:56,130  
how to do it and then we had the fortune

283  
00:13:03,019 --> 00:12:58,529  
to come across a guy called will

284  
00:13:06,530 --> 00:13:03,029  
Berryman who was also another ex ABC

285  
00:13:09,079 --> 00:13:06,540  
science journal but he got out of ABC

286  
00:13:12,680 --> 00:13:09,089  
science prior to me actually getting

287  
00:13:16,670 --> 00:13:12,690  
into ABC science and he's gone on to

288  
00:13:21,320 --> 00:13:16,680

quite an illustrious career in digital

289

00:13:24,440 --> 00:13:21,330

media and now he heads up this company

290

00:13:28,120 --> 00:13:24,450

host works which is all about a building

291

00:13:32,870 --> 00:13:28,130

online platforms such as SBS on demand

292

00:13:36,140 --> 00:13:32,880

ABC ivy I view it they do all the

293

00:13:39,800 --> 00:13:36,150

backend heavy lifting for Ticketek and

294

00:13:44,270 --> 00:13:39,810

for jetstar bookings and observe really

295

00:13:46,970 --> 00:13:44,280

deep data management tools in in the

296

00:13:48,860 --> 00:13:46,980

online environment and we'll took a

297

00:13:50,630 --> 00:13:48,870

shine to what it is that we wanted to do

298

00:13:52,880 --> 00:13:50,640

and he said hey would you like me to

299

00:13:55,640 --> 00:13:52,890

build you a television channel I said

300

00:13:58,570 --> 00:13:55,650

yeah that sounds like a great idea so

301  
00:14:01,910 --> 00:13:58,580  
we've been working together ever since

302  
00:14:04,670 --> 00:14:01,920  
to actually make this happen officially

303  
00:14:08,510 --> 00:14:04,680  
we launched the corporate launch was

304  
00:14:12,290 --> 00:14:08,520  
actually in late 2014 and we've spent

305  
00:14:14,960 --> 00:14:12,300  
the last 4 18 months or so just really

306  
00:14:17,630 --> 00:14:14,970  
building up the the platform so that its

307  
00:14:19,910 --> 00:14:17,640  
robust enough its diverse enough it's

308  
00:14:22,070 --> 00:14:19,920  
appealing enough that now we can get out

309  
00:14:24,650 --> 00:14:22,080  
there and start doing the big audience

310  
00:14:26,330 --> 00:14:24,660  
Salem come and play ladies and gentlemen

311  
00:14:28,340 --> 00:14:26,340  
this is a resource we've built

312  
00:14:31,190 --> 00:14:28,350  
specifically for you to come and play in

313  
00:14:33,980 --> 00:14:31,200

that science domain well folks the URL

314

00:14:35,990 --> 00:14:33,990

is quite easy to remember our I aus dot

315

00:14:38,840 --> 00:14:36,000

TV that's the new one that's the one

316

00:14:41,600 --> 00:14:38,850

folks to go to Paul how much original

317

00:14:45,800 --> 00:14:41,610

content is there or are you farming

318

00:14:47,660 --> 00:14:45,810

other content well we're sourcing

319

00:14:49,700 --> 00:14:47,670

content from all across the country and

320

00:14:53,030 --> 00:14:49,710

I would like to get more from regional

321

00:14:55,730 --> 00:14:53,040

areas and this is the beauty of our iOS

322

00:14:59,120 --> 00:14:55,740

TV if you've got a science story to tell

323

00:15:02,420 --> 00:14:59,130

and you're in the end of the token wall

324

00:15:04,850 --> 00:15:02,430

or somewhere going to way off the beaten

325

00:15:07,850 --> 00:15:04,860

track yeah you can actually now do it if

326

00:15:10,490 --> 00:15:07,860

you you can sit down and simply write a

327

00:15:13,070 --> 00:15:10,500

blog about what science you're up to in

328

00:15:15,320 --> 00:15:13,080

the outback and you can email it to us

329

00:15:16,460 --> 00:15:15,330

and we will shape it up into something

330

00:15:19,340 --> 00:15:16,470

that will go on a straight a size

331

00:15:21,260 --> 00:15:19,350

channel so this is you know this is for

332

00:15:23,060 --> 00:15:21,270

everybody to come and play in that's

333

00:15:25,310 --> 00:15:23,070

that's a great offer folks there's the

334

00:15:27,740 --> 00:15:25,320

offer from dr. Paul Willis now Paul

335

00:15:29,750 --> 00:15:27,750

let's talk about something else for a

336

00:15:32,150 --> 00:15:29,760

moment here as I mentioned at the top of

337

00:15:35,630 --> 00:15:32,160

the the interview and the well-traveled

338

00:15:39,290 --> 00:15:35,640

poor Willis how many times now have you

339

00:15:41,630 --> 00:15:39,300

been to the Antarctic oh look I know it

340

00:15:46,100 --> 00:15:41,640

sounds like I'm bragging to be honest I

341

00:15:49,490 --> 00:15:46,110

can't remember if it's 10 or 11 I'm

342

00:15:53,600 --> 00:15:49,500

going there again next year in February

343

00:15:57,830 --> 00:15:53,610

next year and I think that's trip number

344

00:16:00,710 --> 00:15:57,840

11 Wow but the opportunity is there to

345

00:16:03,380 --> 00:16:00,720

go down into some of the most some of

346

00:16:05,960 --> 00:16:03,390

the richest fossil beds in the world and

347

00:16:07,640 --> 00:16:05,970

to see at the Antarctic Peninsula it's

348

00:16:10,220 --> 00:16:07,650

yeah I'm really looking forward to going

349

00:16:11,840 --> 00:16:10,230

back there by the way there are still

350

00:16:13,430 --> 00:16:11,850

some births available on the boat if

351  
00:16:17,210 --> 00:16:13,440  
anyone was interested in coming along oh

352  
00:16:20,240 --> 00:16:17,220  
yes tell me more tell me more I'll look

353  
00:16:22,400 --> 00:16:20,250  
at I go the antal Antarctica as the

354  
00:16:25,100 --> 00:16:22,410  
ship's paleontologist on board a ship

355  
00:16:28,970 --> 00:16:25,110  
called the polar pioneer which is run by

356  
00:16:30,860 --> 00:16:28,980  
a company called Aurora expeditions and

357  
00:16:33,650 --> 00:16:30,870  
they are a travel company that

358  
00:16:34,050 --> 00:16:33,660  
specializes in tools to remote and

359  
00:16:36,990 --> 00:16:34,060  
difficult

360  
00:16:41,090 --> 00:16:37,000  
to get out places so they they cruise

361  
00:16:44,010 --> 00:16:41,100  
the Antarctic every sudden summer and

362  
00:16:48,000 --> 00:16:44,020  
they cruise the Arctic in every northern

363  
00:16:50,880 --> 00:16:48,010

summer and I go along to help interpret

364

00:16:53,550 --> 00:16:50,890

the geology and the paleontology on some

365

00:16:56,940 --> 00:16:53,560

of their trips so if you are interested

366

00:17:00,720 --> 00:16:56,950

in joining me see some amazing fossils

367

00:17:03,000 --> 00:17:00,730

and one of the experiences that should

368

00:17:05,480 --> 00:17:03,010

be on everyone's bucket list and that is

369

00:17:08,700 --> 00:17:05,490

to drink a decent quality scotch /

370

00:17:11,070 --> 00:17:08,710

glacial ice Wow if you want to come

371

00:17:13,950 --> 00:17:11,080

along and do that with me get in touch

372

00:17:17,280 --> 00:17:13,960

through Aurora expeditions and we'll see

373

00:17:18,870 --> 00:17:17,290

what we can did where I personally of

374

00:17:21,810 --> 00:17:18,880

course i would love to folks who put a

375

00:17:23,700 --> 00:17:21,820

link to that on the website and you did

376

00:17:25,920 --> 00:17:23,710

a wonderful thing or some years back

377

00:17:27,300 --> 00:17:25,930

Paul you were on that on the ship I

378

00:17:30,630 --> 00:17:27,310

don't know if it was the same one but

379

00:17:33,870 --> 00:17:30,640

you did the homeopathy challenge from

380

00:17:35,790 --> 00:17:33,880

the anti-fog that was fun because not

381

00:17:40,080 --> 00:17:35,800

long before I went off on that

382

00:17:41,760 --> 00:17:40,090

particular cruise I got the call coming

383

00:17:44,820 --> 00:17:41,770

room where the calls from at the moment

384

00:17:47,010 --> 00:17:44,830

but I got the call saying you know that

385

00:17:49,560 --> 00:17:47,020

they were having this international

386

00:17:51,330 --> 00:17:49,570

homeopathy Challenger and they got

387

00:17:54,060 --> 00:17:51,340

representatives from every continent

388

00:17:55,650 --> 00:17:54,070

except Antarctica and I said I think I

389

00:17:57,570 --> 00:17:55,660

might be able to help you there so I

390

00:18:00,180 --> 00:17:57,580

took a lot of some homeopathic sleep

391

00:18:03,060 --> 00:18:00,190

preparation oh no we're out there on the

392

00:18:04,920 --> 00:18:03,070

bow of the ship and I try to overdose on

393

00:18:07,770 --> 00:18:04,930

this but the ship's doctor was was a

394

00:18:10,410 --> 00:18:07,780

great pal he was actually standing by

395

00:18:12,420 --> 00:18:10,420

with the defibrillator just in case

396

00:18:15,180 --> 00:18:12,430

anything went wrong but in the spirit of

397

00:18:17,670 --> 00:18:15,190

being a homeopathic test we didn't plug

398

00:18:20,010 --> 00:18:17,680

the defibrillator in so it would work on

399

00:18:22,740 --> 00:18:20,020

the memory of having one start at

400

00:18:24,420 --> 00:18:22,750

someone's heart that's a great video I'm

401

00:18:27,180 --> 00:18:24,430

glad you did that in folks once again

402

00:18:29,580 --> 00:18:27,190

I'll link to that video in the show

403

00:18:31,890 --> 00:18:29,590

notes so you can view view that what's

404

00:18:34,490 --> 00:18:31,900

this is there internet down there Paul

405

00:18:38,760 --> 00:18:34,500

can you do things like live streaming ah

406

00:18:43,230 --> 00:18:38,770

look live streaming is probably a bit

407

00:18:45,030 --> 00:18:43,240

data hungry and we now can handle emails

408

00:18:49,050 --> 00:18:45,040

but not very many

409

00:18:51,750 --> 00:18:49,060

and and no attachments and and so

410

00:18:53,940 --> 00:18:51,760

sending images in and out is is a bit of

411

00:18:55,410 --> 00:18:53,950

a no-no at the moment they are of course

412

00:18:57,510 --> 00:18:55,420

looking at how they can upgrade that

413

00:18:59,040 --> 00:18:57,520

because you can imagine the only way

414

00:19:02,160 --> 00:18:59,050

they can do it at the moment is via

415

00:19:04,470 --> 00:19:02,170

satellites and that's that's expensive

416

00:19:06,600 --> 00:19:04,480

stuff it is but I guess bit by bit that

417

00:19:09,150 --> 00:19:06,610

would be exciting one day to have Paul

418

00:19:11,430 --> 00:19:09,160

Willis down there and we could join you

419

00:19:13,350 --> 00:19:11,440

virtually as you walk along finding

420

00:19:16,380 --> 00:19:13,360

fossils of pleasee azores or whatever

421

00:19:19,800 --> 00:19:16,390

that's definitely a that that would be

422

00:19:22,590 --> 00:19:19,810

my first list on the priorities there

423

00:19:24,930 --> 00:19:22,600

mate would be a live interview with you

424

00:19:26,850 --> 00:19:24,940

from Antarctica are you up for that when

425

00:19:28,440 --> 00:19:26,860

the technology catches up to us I'm up

426

00:19:31,680 --> 00:19:28,450

for that them up for going there as well

427

00:19:33,000 --> 00:19:31,690

have you during your expeditions down

428

00:19:35,660 --> 00:19:33,010

there and looking for fossils and

429

00:19:38,880 --> 00:19:35,670

whatnot have you made short videos

430

00:19:42,170 --> 00:19:38,890

yourself look I made a couple of stories

431

00:19:45,840 --> 00:19:42,180

for catalyst stir over the years and

432

00:19:47,490 --> 00:19:45,850

like some of them I was able to take a

433

00:19:49,560 --> 00:19:47,500

producer with me and so there were two

434

00:19:51,000 --> 00:19:49,570

of us actually doing it but the last

435

00:19:53,400 --> 00:19:51,010

couple of stories I filed from

436

00:19:56,400 --> 00:19:53,410

Antarctica I did the whole thing myself

437

00:19:58,680 --> 00:19:56,410

right and so you know that's quite a

438

00:20:00,990 --> 00:19:58,690

challenge particularly in the Antarctic

439

00:20:03,540 --> 00:20:01,000

to be able to film something that as

440

00:20:04,820 --> 00:20:03,550

you're actually trying to present it in

441

00:20:08,940 --> 00:20:04,830

front of the camera and what have you

442

00:20:11,100 --> 00:20:08,950

and this time down in Antarctica I will

443

00:20:14,280 --> 00:20:11,110

be doing some filming for Australia

444

00:20:17,160 --> 00:20:14,290

science channel excellus stories in mind

445

00:20:19,050 --> 00:20:17,170

that would sit very well on on

446

00:20:20,970 --> 00:20:19,060

Australia's science channel and so I'll

447

00:20:23,760 --> 00:20:20,980

be whipping out the camera and getting

448

00:20:25,560 --> 00:20:23,770

back in the harness and and trying to

449

00:20:27,720 --> 00:20:25,570

earn my crust in front of the lens again

450

00:20:29,970 --> 00:20:27,730

that sounds good to me Paul just just

451  
00:20:32,400 --> 00:20:29,980  
just to remind you you know that I do a

452  
00:20:34,830 --> 00:20:32,410  
video and film production and editing

453  
00:20:37,320 --> 00:20:34,840  
really do you justice just to mention it

454  
00:20:38,880 --> 00:20:37,330  
you know just just a new one in case in

455  
00:20:41,460 --> 00:20:38,890  
case you want to come in a lot along in

456  
00:20:43,170 --> 00:20:41,470  
the hand luggage and now that it hadn't

457  
00:20:47,250 --> 00:20:43,180  
occurred to me a ball that really had

458  
00:20:49,830 --> 00:20:47,260  
folks once again the website is RI aus

459  
00:20:50,850 --> 00:20:49,840  
dot TV please check it out Australians

460  
00:20:52,290 --> 00:20:50,860  
and people all around the world

461  
00:20:54,150 --> 00:20:52,300  
especially if you're in Australia of

462  
00:20:56,400 --> 00:20:54,160  
course and if you have a science project

463  
00:20:58,250 --> 00:20:56,410

if you're involved in science if you're

464

00:21:00,890 --> 00:20:58,260

in the regional areas especially

465

00:21:03,620 --> 00:21:00,900

maybe this channel can be something that

466

00:21:05,150 --> 00:21:03,630

can really help you out well Paul what a

467

00:21:07,400 --> 00:21:05,160

delight to catch up with you once again

468

00:21:10,180 --> 00:21:07,410

I'm very yeah good to hear your voice to

469

00:21:12,830 --> 00:21:10,190

thank you Richard it's one of the

470

00:21:14,690 --> 00:21:12,840

downsides of being half a continent away

471

00:21:17,030 --> 00:21:14,700

so don't get to see you as much as I

472

00:21:18,590 --> 00:21:17,040

used to I mean we do we do get together

473

00:21:20,480 --> 00:21:18,600

very occasionally we have a lot of fun

474

00:21:22,100 --> 00:21:20,490

and but I know that you're really

475

00:21:24,020 --> 00:21:22,110

enjoying living in that beautiful city

476

00:21:25,850 --> 00:21:24,030

of Adelaide well some people have a

477

00:21:29,960 --> 00:21:25,860

tough for Willis but I'm glad you don't

478

00:21:47,600 --> 00:21:29,970

anyway for now dr. Paul Willis thank you

479

00:21:50,650 --> 00:21:47,610

very much always a pleasure Richard mr.

480

00:21:54,230 --> 00:21:50,660

Katz Aragami jewelry pendants earrings

481

00:21:56,690 --> 00:21:54,240

and cufflinks all handmade by yours

482

00:21:59,120 --> 00:21:56,700

truly Richard Saunders and featuring

483

00:22:02,600 --> 00:21:59,130

many popular designs like origami

484

00:22:05,810 --> 00:22:02,610

Pegasus the flying pig you can find the

485

00:22:08,330 --> 00:22:05,820

store at facebook.com slash mr. Katz

486

00:22:20,350 --> 00:22:08,340

origami or by following the link at

487

00:22:26,140 --> 00:22:22,720

from the website of Australian skeptics

488

00:22:27,669 --> 00:22:26,150

Australian skeptics come you published

489

00:22:30,610 --> 00:22:27,679

on the second of August written by Tim

490

00:22:32,799 --> 00:22:30,620

Mendham chiropractor charged with false

491

00:22:37,660 --> 00:22:32,809

advertising the Australian health care

492

00:22:39,820 --> 00:22:37,670

practitioner regulatory agency AHPR has

493

00:22:42,130 --> 00:22:39,830

charged a New South Wales chiropractor

494

00:22:44,410 --> 00:22:42,140

with breaching advertising requirements

495

00:22:47,200 --> 00:22:44,420

alleging his website advertised

496

00:22:49,960 --> 00:22:47,210

chiropractic services in a way that was

497

00:22:53,200 --> 00:22:49,970

likely to be false misleading or

498

00:22:55,450 --> 00:22:53,210

deceptive this follows the chiropractic

499

00:22:58,330 --> 00:22:55,460

Board of Australia's action against

500

00:23:00,880 --> 00:22:58,340

Victorian chiropractor Ian Ross Pura who

501  
00:23:03,400 --> 00:23:00,890  
was banned from treating children under

502  
00:23:06,250 --> 00:23:03,410  
two years old but in this case the

503  
00:23:10,260 --> 00:23:06,260  
chiropractor is unnamed and the charge

504  
00:23:13,419 --> 00:23:10,270  
is not listed in a statement aah p ra

505  
00:23:16,060 --> 00:23:13,429  
says that quote the charges were laid

506  
00:23:18,430 --> 00:23:16,070  
last week as this matter is now before

507  
00:23:20,950 --> 00:23:18,440  
the courts we are unable to comment

508  
00:23:23,380 --> 00:23:20,960  
further on this particular case end

509  
00:23:25,600 --> 00:23:23,390  
quote this is in contrast to the ross

510  
00:23:28,180 --> 00:23:25,610  
perot case in which the chiropractor was

511  
00:23:30,310 --> 00:23:28,190  
named even when he was the subject of an

512  
00:23:34,230 --> 00:23:30,320  
investigation let alone when any

513  
00:23:37,450 --> 00:23:34,240

findings were made against him ahpra CEO

514

00:23:40,720 --> 00:23:37,460

Martin Fletcher said the agency took its

515

00:23:43,539 --> 00:23:40,730

role of promoting the public quote very

516

00:23:46,270 --> 00:23:43,549

seriously and quotable quote anyone

517

00:23:47,890 --> 00:23:46,280

advertising a regulated health service

518

00:23:50,830 --> 00:23:47,900

regardless of whether they are

519

00:23:53,130 --> 00:23:50,840

registered health practitioners or not

520

00:23:56,110 --> 00:23:53,140

must meet the requirements of the law

521

00:23:58,990 --> 00:23:56,120

patients and consumers have a right not

522

00:24:02,860 --> 00:23:59,000

to be misled by unclear or deceptive

523

00:24:04,480 --> 00:24:02,870

advertising banquet as an aside oh boy

524

00:24:08,409 --> 00:24:04,490

this guy should visit the mind/body

525

00:24:11,650 --> 00:24:08,419

wallet one day good grief we read on CB

526  
00:24:13,720 --> 00:24:11,660  
a chair dr. wayne Minter said it is

527  
00:24:15,610 --> 00:24:13,730  
important that patients are

528  
00:24:17,740 --> 00:24:15,620  
well-informed and understand the

529  
00:24:20,500 --> 00:24:17,750  
treatments recommended by their

530  
00:24:23,250 --> 00:24:20,510  
chiropractor as with treatments from all

531  
00:24:25,539 --> 00:24:23,260  
regulated health professionals quote

532  
00:24:27,820 --> 00:24:25,549  
chiropractors must practice in an

533  
00:24:29,860 --> 00:24:27,830  
evidence-based way and their advertising

534  
00:24:32,409 --> 00:24:29,870  
must not make false or misleading claims

535  
00:24:33,820 --> 00:24:32,419  
about treatments as a patient you have

536  
00:24:36,310 --> 00:24:33,830  
the right to underst

537  
00:24:38,529 --> 00:24:36,320  
and the potential risks or benefits

538  
00:24:41,620 --> 00:24:38,539

about a treatment for your individual

539

00:24:44,259 --> 00:24:41,630

circumstances if you're not sure get a

540

00:24:45,940 --> 00:24:44,269

second opinion end quote and that comes

541

00:24:58,460 --> 00:24:45,950

to us from Australian skeptics that

542

00:25:03,510 --> 00:25:01,170

edinburgh the home of the Scottish

543

00:25:06,210 --> 00:25:03,520

enlightenment the city that produced

544

00:25:08,780 --> 00:25:06,220

skeptical luminaries as David Hume James

545

00:25:11,490 --> 00:25:08,790

Hutton Peter hates and Mary Somerville

546

00:25:13,410 --> 00:25:11,500

Edinburgh the afternoons of the north

547

00:25:15,540 --> 00:25:13,420

which were three hundred years has been

548

00:25:18,780 --> 00:25:15,550

at the forefront of science medicine and

549

00:25:20,940 --> 00:25:18,790

the arms Edinburgh home to insanely

550

00:25:23,370 --> 00:25:20,950

successful to discuss to us and wanted

551  
00:25:25,800 --> 00:25:23,380  
pubs in August the city hosts the

552  
00:25:27,240 --> 00:25:25,810  
world's biggest arts festival well the

553  
00:25:28,620 --> 00:25:27,250  
population seems to double on the

554  
00:25:30,650 --> 00:25:28,630  
streets are awash with one of the

555  
00:25:32,910 --> 00:25:30,660  
comedians all vying for her attention

556  
00:25:34,860 --> 00:25:32,920  
who in the right mind worked in the

557  
00:25:37,290 --> 00:25:34,870  
middle of all this train organised 23

558  
00:25:40,530 --> 00:25:37,300  
different three skeptical events across

559  
00:25:43,200 --> 00:25:40,540  
23 consecutive nights animal skeptics

560  
00:25:44,940 --> 00:25:43,210  
that's who from saturday the six to

561  
00:25:47,040 --> 00:25:44,950  
Sunday the twenty-sixth of August will

562  
00:25:48,990 --> 00:25:47,050  
be putting on different free talk every

563  
00:25:51,570 --> 00:25:49,000

single night but in the Banshee

564

00:25:52,950 --> 00:25:51,580

labyrinth on the g street at 750 if

565

00:25:54,960 --> 00:25:52,960

you're coming up to the city in august

566

00:25:56,820 --> 00:25:54,970

please check out our website Adam but a

567

00:25:58,850 --> 00:25:56,830

skeptic store called at UK for the full

568

00:26:15,950 --> 00:25:58,860

lineup and please come along and say hi

569

00:26:20,940 --> 00:26:18,350

in a recent episode of the ABC

570

00:26:24,390 --> 00:26:20,950

television's the check out which is a

571

00:26:26,580 --> 00:26:24,400

Consumer Affairs information show they

572

00:26:30,570 --> 00:26:26,590

really shall we say ripped into

573

00:26:34,160 --> 00:26:30,580

pharmacies here in Australia who carry

574

00:26:37,050 --> 00:26:34,170

all sorts of nonsense like homeopathy

575

00:26:39,750 --> 00:26:37,060

now shortly I'll play a short clip from

576

00:26:42,270 --> 00:26:39,760

this story from the check out but i'll

577

00:26:45,060 --> 00:26:42,280

also include the in the show notes the

578

00:26:47,850 --> 00:26:45,070

link to the website of the check out or

579

00:26:49,950 --> 00:26:47,860

if you just google the check out ABC TV

580

00:26:51,660 --> 00:26:49,960

you'll find that website and i'm pleased

581

00:26:54,150 --> 00:26:51,670

to say that they put up a lot of their

582

00:26:55,830 --> 00:26:54,160

content on YouTube which you can see

583

00:26:58,470 --> 00:26:55,840

around the world and i'll certainly link

584

00:27:00,810 --> 00:26:58,480

to the video in question as well but it

585

00:27:03,300 --> 00:27:00,820

reminded me of a letter that i helped to

586

00:27:07,650 --> 00:27:03,310

write with the australian skeptics way

587

00:27:09,660 --> 00:27:07,660

back in 2011 i think it was which was an

588

00:27:12,690 --> 00:27:09,670

open letter to the pharmacist of

589

00:27:16,080 --> 00:27:12,700

australia concerning the sale and

590

00:27:19,650 --> 00:27:16,090

promotion of ear candles now some years

591

00:27:21,000 --> 00:27:19,660

ago I you read this this open letter out

592

00:27:23,490 --> 00:27:21,010

on the skeptic zone but I think it's

593

00:27:27,060 --> 00:27:23,500

time I think it's time I read it out

594

00:27:30,090 --> 00:27:27,070

again an open letter to the pharmacists

595

00:27:33,990 --> 00:27:30,100

of Australia Australians trust

596

00:27:36,780 --> 00:27:34,000

pharmacies and chemists as pharmacists

597

00:27:39,060 --> 00:27:36,790

you play an important role in the health

598

00:27:41,580 --> 00:27:39,070

care of the Australian public by

599

00:27:44,400 --> 00:27:41,590

functioning as a conduit between doctors

600

00:27:47,490 --> 00:27:44,410

and prescription of Pharmacy drugs you

601  
00:27:49,800 --> 00:27:47,500  
also have a respected role as a first

602  
00:27:51,900 --> 00:27:49,810  
resource for medical advice for many

603  
00:27:54,690 --> 00:27:51,910  
people in our community we are all

604  
00:27:57,270 --> 00:27:54,700  
familiar with the slogan ask your

605  
00:28:00,120 --> 00:27:57,280  
pharmacist when we asked our pharmacist

606  
00:28:02,190 --> 00:28:00,130  
what kind of answers do we want not

607  
00:28:05,340 --> 00:28:02,200  
quite products like ear candles that do

608  
00:28:07,800 --> 00:28:05,350  
nothing except pose a hazard we now ask

609  
00:28:09,630 --> 00:28:07,810  
our Australian pharmacist what standards

610  
00:28:11,910 --> 00:28:09,640  
do you set for yourselves you sell a

611  
00:28:14,940 --> 00:28:11,920  
growing number of products which there

612  
00:28:18,000 --> 00:28:14,950  
is little or no scientific evidence of

613  
00:28:18,860 --> 00:28:18,010

efficacy calling them quote alternative

614

00:28:21,650 --> 00:28:18,870

end quote

615

00:28:24,320 --> 00:28:21,660

does not make them work examples include

616

00:28:27,290 --> 00:28:24,330

homeopathic preparations magnetic pain

617

00:28:30,380 --> 00:28:27,300

relief devices detox programs dodgy

618

00:28:33,530 --> 00:28:30,390

weight-loss products and ear candles

619

00:28:36,530 --> 00:28:33,540

such products commonly appear in the

620

00:28:38,960 --> 00:28:36,540

natural medicine section of pharmacies

621

00:28:41,540 --> 00:28:38,970

but are sometimes displayed alongside

622

00:28:44,570 --> 00:28:41,550

real medicines whose benefits are

623

00:28:47,060 --> 00:28:44,580

scientifically proven ear candles are of

624

00:28:49,130 --> 00:28:47,070

particular concern there are reports of

625

00:28:52,220 --> 00:28:49,140

serious injuries from them including

626  
00:28:55,070 --> 00:28:52,230  
temporary hearing loss burns ear canals

627  
00:28:58,400 --> 00:28:55,080  
blocked by dripping wax punctured

628  
00:29:01,400 --> 00:28:58,410  
eardrum health canada has banned them in

629  
00:29:03,380 --> 00:29:01,410  
canada even the first professor of

630  
00:29:05,570 --> 00:29:03,390  
alternative and complementary medicine

631  
00:29:07,910 --> 00:29:05,580  
at exeter university it's art ernst

632  
00:29:10,130 --> 00:29:07,920  
called for them to be banned despite

633  
00:29:12,470 --> 00:29:10,140  
this many australian pharmacies are

634  
00:29:15,169 --> 00:29:12,480  
selling them what next will you start

635  
00:29:17,090 --> 00:29:15,179  
selling cigarettes like supermarkets who

636  
00:29:19,220 --> 00:29:17,100  
you do not want to be allowed to sell

637  
00:29:21,500 --> 00:29:19,230  
pharmaceuticals because they do not have

638  
00:29:24,169 --> 00:29:21,510

qualified staff what standards do you

639

00:29:27,040 --> 00:29:24,179

set for yourself and your staff we see a

640

00:29:29,600 --> 00:29:27,050

growing trend for so-called quote

641

00:29:31,880 --> 00:29:29,610

practitioners end quote with little or

642

00:29:34,790 --> 00:29:31,890

no scientific training being brought in

643

00:29:38,090 --> 00:29:34,800

as quote consultants and quote including

644

00:29:40,880 --> 00:29:38,100

iridology homeopaths and naturopath

645

00:29:43,700 --> 00:29:40,890

iridology is a discredited way of

646

00:29:45,650 --> 00:29:43,710

diagnosing the dysfunction of internal

647

00:29:47,720 --> 00:29:45,660

organs via the markings on the iris

648

00:29:49,580 --> 00:29:47,730

there is no evidence that it works but

649

00:29:51,980 --> 00:29:49,590

some pharmacies promote the fact that

650

00:29:55,430 --> 00:29:51,990

their customers can get quote readings

651  
00:29:58,340 --> 00:29:55,440  
and quote in their stores your customers

652  
00:30:00,260 --> 00:29:58,350  
rely on you and anyone in a professional

653  
00:30:03,799 --> 00:30:00,270  
capacity within your store to provide

654  
00:30:05,900 --> 00:30:03,809  
sound medical advice and products we

655  
00:30:07,460 --> 00:30:05,910  
fear that in some cases what they are

656  
00:30:10,280 --> 00:30:07,470  
receiving amounts to little more than

657  
00:30:12,980 --> 00:30:10,290  
magical sugar pills and spurious health

658  
00:30:15,440 --> 00:30:12,990  
advice pharmacies need to make a profit

659  
00:30:18,320 --> 00:30:15,450  
but that should not be done through

660  
00:30:20,390 --> 00:30:18,330  
quack products and bad advice to regain

661  
00:30:23,330 --> 00:30:20,400  
the status of pharmacy should have a

662  
00:30:25,430 --> 00:30:23,340  
place to get sound advice and effective

663  
00:30:27,590 --> 00:30:25,440

medicine supported by scientific and

664

00:30:29,780 --> 00:30:27,600

clinical evidence we implore our

665

00:30:31,800 --> 00:30:29,790

pharmacists to stick to worthy products

666

00:30:34,230 --> 00:30:31,810

sold by knowledgeable

667

00:30:35,910 --> 00:30:34,240

staff and that was an open letter

668

00:30:40,020 --> 00:30:35,920

produced by the Australian skeptics way

669

00:30:41,640 --> 00:30:40,030

back in 2011 and just as an aside I

670

00:30:43,250 --> 00:30:41,650

happen to be in a pharmacist only a

671

00:30:47,000 --> 00:30:43,260

couple of days ago to get some

672

00:30:51,380 --> 00:30:47,010

medication and there on the Shelf were

673

00:30:53,970 --> 00:30:51,390

ear candles so they are still being sold

674

00:30:55,770 --> 00:30:53,980

and that's why pharmacies only stock

675

00:30:59,130 --> 00:30:55,780

products with proven clinical outcomes

676  
00:31:00,840 --> 00:30:59,140  
like brouwer's homeopathic snoring hang

677  
00:31:04,740 --> 00:31:00,850  
on and we already done a story on

678  
00:31:07,920 --> 00:31:04,750  
homeopathy being [h\_\_h] ah no I don't

679  
00:31:10,050 --> 00:31:07,930  
think we did oh good as I was saying a

680  
00:31:12,810 --> 00:31:10,060  
genuine effective medicine like there's

681  
00:31:14,460 --> 00:31:12,820  
something but the reason we didn't do

682  
00:31:17,130 --> 00:31:14,470  
one is because homeopathy is so

683  
00:31:18,180 --> 00:31:17,140  
transparently bogus and debunked that we

684  
00:31:21,030 --> 00:31:18,190  
didn't think there was any point

685  
00:31:22,920 --> 00:31:21,040  
explaining that to people okay well a

686  
00:31:24,810 --> 00:31:22,930  
genuine medicine like this liquid

687  
00:31:28,410 --> 00:31:24,820  
chlorophyll extract which no no no no

688  
00:31:29,910 --> 00:31:28,420

look I'll just come down there okay if

689

00:31:31,890 --> 00:31:29,920

you're looking for treatment supported

690

00:31:33,840 --> 00:31:31,900

by current and accepted evidence you can

691

00:31:35,850 --> 00:31:33,850

forget about chlorophyll we've done that

692

00:31:38,490 --> 00:31:35,860

you can forget these weight loss

693

00:31:41,130 --> 00:31:38,500

vitamins you can forget superfoods you

694

00:31:43,740 --> 00:31:41,140

can forget targeted painkillers and you

695

00:31:45,840 --> 00:31:43,750

can forget this cough syrup the point is

696

00:31:47,520 --> 00:31:45,850

pharmacies have shelves full of

697

00:31:49,320 --> 00:31:47,530

complementary medicines and for the vast

698

00:31:52,230 --> 00:31:49,330

majority of them evidence of their

699

00:31:53,820 --> 00:31:52,240

effectiveness is very slim indeed ah but

700

00:31:57,900 --> 00:31:53,830

is it slim because of this coconut and

701  
00:31:59,370 --> 00:31:57,910  
lemon detox we've done Detox's too so

702  
00:32:00,990 --> 00:31:59,380  
even though you have to go to a

703  
00:32:03,090 --> 00:32:01,000  
pharmacist for access to medicines that

704  
00:32:04,830 --> 00:32:03,100  
have proven to be effective that doesn't

705  
00:32:07,620 --> 00:32:04,840  
mean that everything you get from a

706  
00:32:09,600 --> 00:32:07,630  
pharmacist is going to be effective big

707  
00:32:11,370 --> 00:32:09,610  
chains have increased competition and

708  
00:32:12,960 --> 00:32:11,380  
because Australian law forbids the

709  
00:32:15,360 --> 00:32:12,970  
direct marketing of prescription

710  
00:32:16,950 --> 00:32:15,370  
medicine which is good pharmacies end up

711  
00:32:19,770 --> 00:32:16,960  
pushing complementary medicines that

712  
00:32:22,230 --> 00:32:19,780  
much harder try helping care original

713  
00:32:24,210 --> 00:32:22,240

lung detox from chemist warehouse to the

714

00:32:26,550 --> 00:32:24,220

point that some even have in store

715

00:32:28,590 --> 00:32:26,560

natural cups which is bad that's just a

716

00:32:30,330 --> 00:32:28,600

hippie actually naturopaths can look

717

00:32:32,970 --> 00:32:30,340

just like any other pharmacy worker

718

00:32:37,080 --> 00:32:32,980

sorry can I go back to the office now

719

00:32:42,250 --> 00:32:39,640

cuts off to the checkout television

720

00:32:44,230 --> 00:32:42,260

program here in Australia reminding us

721

00:33:03,640 --> 00:32:44,240

that these things are still being sold

722

00:33:07,870 --> 00:33:03,650

in pharmacies across the country hey

723

00:33:09,640 --> 00:33:07,880

Richard oh hi Trisha Wow would you like

724

00:33:11,560 --> 00:33:09,650

a coffee yeah thanks what you're working

725

00:33:13,930 --> 00:33:11,570

on I'm trying to come up with a new

726

00:33:16,750 --> 00:33:13,940

promo to play on the skeptic zone who's

727

00:33:19,180 --> 00:33:16,760

it for the good thinking society in the

728

00:33:21,490 --> 00:33:19,190

UK you know Michael Marshall Simon Singh

729

00:33:23,290 --> 00:33:21,500

laura thomas and background oh yeah i

730

00:33:25,770 --> 00:33:23,300

know them they've been doing some great

731

00:33:28,690 --> 00:33:25,780

work investigating veterinary homeopathy

732

00:33:31,150 --> 00:33:28,700

vetri homeopathy what you sugarpill this

733

00:33:32,410 --> 00:33:31,160

for cows I know right and also they're

734

00:33:35,230 --> 00:33:32,420

looking at some of the dodgy medical

735

00:33:36,850 --> 00:33:35,240

advice given by UK chiropractors really

736

00:33:40,600 --> 00:33:36,860

okay look I'll mention all that in the

737

00:33:44,530 --> 00:33:40,610

promo now their website is good thinking

738

00:33:46,210 --> 00:33:44,540

society org and they've recently been

739

00:33:48,820 --> 00:33:46,220

reporting on the resurgence of faith

740

00:33:50,380 --> 00:33:48,830

healer peter Popoff you know right okay

741

00:34:08,040 --> 00:33:50,390

look thanks to that it gives me

742

00:34:13,300 --> 00:34:10,570

hello it's a Sydney skeptics in the pub

743

00:34:15,550 --> 00:34:13,310

as normal first thursday of the month

744

00:34:18,190 --> 00:34:15,560

here at the crown hotel and tonight's

745

00:34:21,510 --> 00:34:18,200

question sent in by a listener this is

746

00:34:24,040 --> 00:34:21,520

pretty good sent in by listener is how

747

00:34:25,540 --> 00:34:24,050

long and the in brysi achievement list

748

00:34:27,460 --> 00:34:25,550

together heat I know he'll have an

749

00:34:29,889 --> 00:34:27,470

answer for this how long should you keep

750

00:34:32,790 --> 00:34:29,899

hammering away at somebody say with the

751  
00:34:35,980 --> 00:34:32,800  
conspiracy theory before you give up

752  
00:34:37,750 --> 00:34:35,990  
okay well my first instinct to that is

753  
00:34:39,579 --> 00:34:37,760  
that if they're not even interested in

754  
00:34:41,200 --> 00:34:39,589  
having a discussion with you if they're

755  
00:34:43,000 --> 00:34:41,210  
fully decided I don't think there's any

756  
00:34:45,280 --> 00:34:43,010  
point in trying if they don't know each

757  
00:34:47,530 --> 00:34:45,290  
soon having it back and forth of having

758  
00:34:48,909 --> 00:34:47,540  
a dialogue and if maybe questioning some

759  
00:34:50,020 --> 00:34:48,919  
of their ideas and you've got to be you

760  
00:34:52,540 --> 00:34:50,030  
know willing to look at their evidence

761  
00:34:55,990 --> 00:34:52,550  
too but if that's not there if that I

762  
00:34:58,960 --> 00:34:56,000  
guess sense of water roller interest

763  
00:34:59,890 --> 00:34:58,970

sense of willing to inquire if they

764

00:35:02,650 --> 00:34:59,900

don't have that I don't think you should

765

00:35:04,690 --> 00:35:02,660

bother so you you would be pretty short

766

00:35:06,430 --> 00:35:04,700

with them I met what I mean by that is

767

00:35:08,290 --> 00:35:06,440

you wouldn't waste too much time on not

768

00:35:10,359 --> 00:35:08,300

too much I've unless it's fun if it's

769

00:35:13,450 --> 00:35:10,369

just fun spend as long as you like as

770

00:35:16,930 --> 00:35:13,460

long as it's still fun good answer lan

771

00:35:19,030 --> 00:35:16,940

Bryce so the question is how long do you

772

00:35:20,650 --> 00:35:19,040

engage with somebody I conspiracy

773

00:35:22,210 --> 00:35:20,660

theorist for example or somebody who

774

00:35:24,370 --> 00:35:22,220

believes in zero point energy or

775

00:35:26,859 --> 00:35:24,380

whatever you deal with before you just

776

00:35:28,870 --> 00:35:26,869

have to walk away yes I'm not sure

777

00:35:31,270 --> 00:35:28,880

there's a logical answer Richard but i

778

00:35:33,820 --> 00:35:31,280

find it up to two email exchanges I just

779

00:35:37,730 --> 00:35:33,830

lose interest and stop replying to them

780

00:35:39,620 --> 00:35:37,740

usually cause it usually by that time

781

00:35:41,750 --> 00:35:39,630

I've shown whether they're listening to

782

00:35:42,770 --> 00:35:41,760

what you're telling them or reading the

783

00:35:44,720 --> 00:35:42,780

emails or whether they're just

784

00:35:46,820 --> 00:35:44,730

continuing with their standard line so

785

00:35:48,430 --> 00:35:46,830

you've got a bit of feedback then so if

786

00:35:50,930 --> 00:35:48,440

you're not making any dental and then my

787

00:35:53,510 --> 00:35:50,940

human nature says it's not worth the

788

00:35:55,370 --> 00:35:53,520

effort and you you have such

789

00:35:56,810 --> 00:35:55,380

correspondence with people as I was

790

00:36:00,440 --> 00:35:56,820

saying before who really believe that

791

00:36:03,560 --> 00:36:00,450

they've discovered or been let in on the

792

00:36:06,080 --> 00:36:03,570

secret of free energy yes indeed I've

793

00:36:07,910 --> 00:36:06,090

spoken to many people like that some of

794

00:36:09,170 --> 00:36:07,920

them who really believe it and some of

795

00:36:10,490 --> 00:36:09,180

them who were clearly charlatans who

796

00:36:12,170 --> 00:36:10,500

didn't believe it from the start but

797

00:36:14,840 --> 00:36:12,180

they found that it is free money for

798

00:36:17,060 --> 00:36:14,850

them said how do you tell the difference

799

00:36:19,760 --> 00:36:17,070

between the charlatan and somebody who's

800

00:36:22,190 --> 00:36:19,770

a true believer well the true believer

801  
00:36:25,210 --> 00:36:22,200  
will usually be happy to happy to talk

802  
00:36:28,070 --> 00:36:25,220  
to you without thinking in advance

803  
00:36:29,660 --> 00:36:28,080  
because then they're not deceptive

804  
00:36:33,170 --> 00:36:29,670  
they're giving you a free exchange of

805  
00:36:36,050 --> 00:36:33,180  
information but but one applicant we had

806  
00:36:37,580 --> 00:36:36,060  
for the challenge it was very guarded in

807  
00:36:40,700 --> 00:36:37,590  
his responses and it was clear that he

808  
00:36:44,240 --> 00:36:40,710  
was thinking thinking in detail before

809  
00:36:46,310 --> 00:36:44,250  
answering and his emails became very

810  
00:36:48,380 --> 00:36:46,320  
short so that was someone we didn't

811  
00:36:50,090 --> 00:36:48,390  
trust and we were able to exclude them

812  
00:36:51,950 --> 00:36:50,100  
for the challenge it's a good point

813  
00:36:53,630 --> 00:36:51,960

because in my various dealings of the

814

00:36:55,250 --> 00:36:53,640

mind-body wallet festivals when I've

815

00:36:57,080 --> 00:36:55,260

been talking to people behind the stands

816

00:37:00,160 --> 00:36:57,090

there are two types of people they're

817

00:37:02,720 --> 00:37:00,170

the true believers in the charlatans and

818

00:37:04,790 --> 00:37:02,730

most of the time people will bend my ear

819

00:37:06,650 --> 00:37:04,800

talk to me for a long time trying to

820

00:37:08,150 --> 00:37:06,660

convince me but sometimes people are

821

00:37:10,760 --> 00:37:08,160

very quick and want to get rid of me so

822

00:37:12,650 --> 00:37:10,770

I can sort of draw a certain conclusion

823

00:37:14,840 --> 00:37:12,660

from that I think yes indeed that that

824

00:37:17,750 --> 00:37:14,850

could illustrate the same type of people

825

00:37:19,640 --> 00:37:17,760

those who have already they know it's a

826

00:37:21,440 --> 00:37:19,650

scam but that's good for money anyway

827

00:37:23,240 --> 00:37:21,450

and they want to continue and they know

828

00:37:24,560 --> 00:37:23,250

that they they're never going to

829

00:37:25,760 --> 00:37:24,570

convince you and they don't want to

830

00:37:27,109 --> 00:37:25,770

convince you they want to get rid of you

831

00:37:29,570 --> 00:37:27,119

because you they're cramping your style

832

00:37:32,540 --> 00:37:29,580

and those who

833

00:37:33,680 --> 00:37:32,550

who might just believe that through not

834

00:37:35,270 --> 00:37:33,690

having thought it through and not having

835

00:37:38,570 --> 00:37:35,280

seen any evidence who are willing to

836

00:37:41,180 --> 00:37:38,580

talk and at the moment we are not to let

837

00:37:42,440 --> 00:37:41,190

out too much not let the cat out of the

838

00:37:44,900 --> 00:37:42,450

bag too much we're investigating

839

00:37:49,400 --> 00:37:44,910

something at the moment which is to do

840

00:37:51,500 --> 00:37:49,410

with Wi-Fi radiation promising yes

841

00:37:53,570 --> 00:37:51,510

indeed that's sounds a bit to me like

842

00:37:57,050 --> 00:37:53,580

wind turbine syndrome I think that one's

843

00:37:58,880 --> 00:37:57,060

been good to rest with Wi-Fi radiation

844

00:38:01,070 --> 00:37:58,890

is certainly an interesting topic and

845

00:38:02,510 --> 00:38:01,080

it's acceptable to science there's lots

846

00:38:05,060 --> 00:38:02,520

of science and biology and engineering

847

00:38:07,520 --> 00:38:05,070

but that can be brought to bear our

848

00:38:09,500 --> 00:38:07,530

medical so I look forward to that one it

849

00:38:12,440 --> 00:38:09,510

will be an interesting are you worried

850

00:38:15,460 --> 00:38:12,450

about Wi-Fi irradiation no but I am

851  
00:38:18,530 --> 00:38:15,470  
worried about if a person is unwell and

852  
00:38:20,270 --> 00:38:18,540  
they think they have Wi-Fi radiation

853  
00:38:22,220 --> 00:38:20,280  
syndrome whatever it's called and then

854  
00:38:25,250 --> 00:38:22,230  
if they if that stops them from going to

855  
00:38:27,290 --> 00:38:25,260  
seek help from a real doctor or you know

856  
00:38:31,190 --> 00:38:27,300  
whoever the relevant specialist is

857  
00:38:32,720 --> 00:38:31,200  
that's what concerns me good answer well

858  
00:38:34,250 --> 00:38:32,730  
folks all your dinners arrived and I've

859  
00:38:36,980 --> 00:38:34,260  
better let you get on with that thank

860  
00:38:38,750 --> 00:38:36,990  
you very much and it's the voice you

861  
00:38:40,400 --> 00:38:38,760  
know so well from the little ad we do

862  
00:38:43,490 --> 00:38:40,410  
for the good thinking society Trish

863  
00:38:44,720 --> 00:38:43,500

hello Trish hey hello great to see you

864

00:38:48,140 --> 00:38:44,730

here at skeptics in the pub tonight's

865

00:38:49,850 --> 00:38:48,150

question if you were engaging in a

866

00:38:52,850 --> 00:38:49,860

conversation or a debate with somebody a

867

00:38:55,700 --> 00:38:52,860

conspiracy theorist for example how long

868

00:38:59,780 --> 00:38:55,710

do you think it's worth while keeping it

869

00:39:01,750 --> 00:38:59,790

going before and basically stopped and

870

00:39:05,480 --> 00:39:01,760

decide is no longer worth your effort

871

00:39:08,960 --> 00:39:05,490

depends usually until I'm personally

872

00:39:10,610 --> 00:39:08,970

offended which happens a lot I've had

873

00:39:12,980 --> 00:39:10,620

some nasty conversations with people

874

00:39:14,990 --> 00:39:12,990

recently where you think like know what

875

00:39:16,940 --> 00:39:15,000

you've said there is actually it's a

876

00:39:18,830 --> 00:39:16,950

something suspected be personally and

877

00:39:20,780 --> 00:39:18,840

I'm not willing to get into a debate

878

00:39:22,310 --> 00:39:20,790

about it like just that with their

879

00:39:23,960 --> 00:39:22,320

conspiracy theories or something yeah

880

00:39:25,460 --> 00:39:23,970

yeah so like I don't mind what people

881

00:39:27,890 --> 00:39:25,470

talk about things like you know Roswell

882

00:39:29,440 --> 00:39:27,900

and that kind of stuff because that's

883

00:39:32,680 --> 00:39:29,450

non-personal to me but

884

00:39:34,839 --> 00:39:32,690

so usually get on to you know crisis

885

00:39:36,760 --> 00:39:34,849

actors and that kind of thing and that

886

00:39:38,740 --> 00:39:36,770

makes me very upset so I'm not willing

887

00:39:41,230 --> 00:39:38,750

to debate but I'll debate about aliens

888

00:39:43,660 --> 00:39:41,240

for hours happily for hours because I

889

00:39:45,640 --> 00:39:43,670

find it really interesting kind of the

890

00:39:50,140 --> 00:39:45,650

the mental hoops that people will jump

891

00:39:51,579 --> 00:39:50,150

through you know and again like I think

892

00:39:53,770 --> 00:39:51,589

it's more fun to talk to someone who

893

00:39:55,540 --> 00:39:53,780

genuinely believes it with someone who

894

00:39:56,620 --> 00:39:55,550

just is doing it for a laugh as well so

895

00:39:59,890 --> 00:39:56,630

I like to hear what people actually

896

00:40:02,950 --> 00:39:59,900

think and and how often do you find

897

00:40:05,440 --> 00:40:02,960

people get really short with you I mean

898

00:40:07,930 --> 00:40:05,450

not just insulting but just decide that

899

00:40:10,150 --> 00:40:07,940

you're not worth their effort I see I

900

00:40:13,599 --> 00:40:10,160

tend to listen for the majority of the

901  
00:40:15,460 --> 00:40:13,609  
conversation so some people will hear an

902  
00:40:16,839 --> 00:40:15,470  
argument and then robot that argument

903  
00:40:19,150 --> 00:40:16,849  
and hear another argument and rebuttal

904  
00:40:21,280 --> 00:40:19,160  
argument I won't really do that because

905  
00:40:23,620 --> 00:40:21,290  
I like to listen to someone tie

906  
00:40:25,089 --> 00:40:23,630  
themselves up in knots I quite like that

907  
00:40:27,160 --> 00:40:25,099  
because often a conspiracy theorists

908  
00:40:29,260 --> 00:40:27,170  
will contradict themselves several times

909  
00:40:31,359 --> 00:40:29,270  
in the matter of only a few sentences

910  
00:40:32,680 --> 00:40:31,369  
and I quite like that because all you

911  
00:40:35,109 --> 00:40:32,690  
have to do is listen and it's the whole

912  
00:40:36,849 --> 00:40:35,119  
thing I give someone enough rope it's a

913  
00:40:39,400 --> 00:40:36,859

good point and often they're making

914

00:40:41,500 --> 00:40:39,410

things up on the fly which which to them

915

00:40:43,569 --> 00:40:41,510

fits their worldview but they're making

916

00:40:45,250 --> 00:40:43,579

making things up that's my experience

917

00:40:47,410 --> 00:40:45,260

anyway yeah absolutely like they'll have

918

00:40:51,040 --> 00:40:47,420

a seed of an idea but they won't

919

00:40:52,599 --> 00:40:51,050

necessarily have thought it through so

920

00:40:55,329 --> 00:40:52,609

yeah I will tend to give people more

921

00:41:10,960 --> 00:40:55,339

time than I probably should good answer

922

00:41:17,180 --> 00:41:13,540

Australian skeptics National Convention

923

00:41:19,940 --> 00:41:17,190

2016 will be hosted in Melbourne at the

924

00:41:22,610 --> 00:41:19,950

university of melbourne from the 25th to

925

00:41:24,530 --> 00:41:22,620

the 27th of november with the annual

926

00:41:27,230 --> 00:41:24,540

dinner being held at melbourne zoo on

927

00:41:31,640 --> 00:41:27,240

the evening of the 26th of November

928

00:41:34,720 --> 00:41:31,650

early bird ticket sales are online at

929

00:41:38,270 --> 00:41:34,730

the convention website convention

930

00:41:40,160 --> 00:41:38,280

skeptics comdata you and if you get an

931

00:41:42,350 --> 00:41:40,170

early bird ticket you'll receive a

932

00:41:46,280 --> 00:41:42,360

discount and be able to reserve seats

933

00:41:48,170 --> 00:41:46,290

close to the stage we can confirm that

934

00:41:51,650 --> 00:41:48,180

speakers for the convention will include

935

00:41:55,580 --> 00:41:51,660

Lawrence Krauss Ed's odd Ernst Harriet

936

00:41:58,250 --> 00:41:55,590

Hall Michael Marshall Katie Mac and Mel

937

00:42:02,810 --> 00:41:58,260

Thompson with many more great speakers

938

00:42:04,990 --> 00:42:02,820

to be announced soon nicholas j johnson

939

00:42:07,490 --> 00:42:05,000

is our emcee for the annual dinner

940

00:42:10,460 --> 00:42:07,500

information about our speakers is

941

00:42:13,970 --> 00:42:10,470

available from the convention website so

942

00:42:27,860 --> 00:42:13,980

that's convention got skeptics calm got

943

00:42:32,010 --> 00:42:30,330

thank you for listening to the skeptic

944

00:42:34,860 --> 00:42:32,020

zone and thank you once again to those

945

00:42:37,580 --> 00:42:34,870

wonderful people those wonderful people

946

00:42:41,910 --> 00:42:37,590

who contribute to the skeptic zone

947

00:42:45,090 --> 00:42:41,920

directly through being a patron patreon

948

00:42:46,920 --> 00:42:45,100

or simply chip in via micro payments on

949

00:42:50,670 --> 00:42:46,930

paypal and you can check out skeptic

950

00:42:53,670 --> 00:42:50,680

zone TV to see how you two you two can

951  
00:42:56,310 --> 00:42:53,680  
do that and keep the skeptic zone going

952  
00:42:59,580 --> 00:42:56,320  
so if you if you think the skeptic zone

953  
00:43:00,990 --> 00:42:59,590  
the pleasure and enjoyment and interest

954  
00:43:03,900 --> 00:43:01,000  
you get out of the skeptic zone is worth

955  
00:43:06,630 --> 00:43:03,910  
a dollar or two a week and you might

956  
00:43:07,890 --> 00:43:06,640  
consider doing that and all of us here

957  
00:43:10,950 --> 00:43:07,900  
at the skeptic zone would be very

958  
00:43:14,340 --> 00:43:10,960  
grateful coming up next week reports

959  
00:43:16,800 --> 00:43:14,350  
from skeptic camp brisbane our reporter

960  
00:43:19,530 --> 00:43:16,810  
highly robertson was on the spot on the

961  
00:43:22,020 --> 00:43:19,540  
scene in action with her microphone and

962  
00:43:24,540 --> 00:43:22,030  
by the way that microphone was bought

963  
00:43:26,760 --> 00:43:24,550

with funds sent in by listeners so thank

964

00:43:28,760 --> 00:43:26,770

you very much with a microphone getting

965

00:43:31,170 --> 00:43:28,770

interviews from skeptic camp at brisbane

966

00:43:33,480 --> 00:43:31,180

can't wait to hear those myself actually

967

00:43:35,730 --> 00:43:33,490

and I think our reporters Cassandra

968

00:43:38,430 --> 00:43:35,740

Perriman was there as well I don't know

969

00:43:41,760 --> 00:43:38,440

if she did anything but I noticed on the

970

00:43:45,210 --> 00:43:41,770

web pages that so photographs she was

971

00:43:48,210 --> 00:43:45,220

there and I hope to have news obvious

972

00:43:51,630 --> 00:43:48,220

another new team member for the skeptic

973

00:43:53,880 --> 00:43:51,640

zone pretty soon pretty soon we're in

974

00:43:55,950 --> 00:43:53,890

negotiations we're working on it we're

975

00:43:57,840 --> 00:43:55,960

looking at the possibilities but that's

976

00:44:00,900 --> 00:43:57,850

pretty exciting so stay tuned for that

977

00:44:05,040 --> 00:44:00,910

and just before I go yes Henrietta and

978

00:44:07,440 --> 00:44:05,050

more the skeptic zone cats are almost

979

00:44:10,560 --> 00:44:07,450

too big to fit in their little box that

980

00:44:13,620 --> 00:44:10,570

we have we have little plastic boxes up

981

00:44:16,740 --> 00:44:13,630

on there on top of the set of drawers in

982

00:44:20,340 --> 00:44:16,750

the studio here a little sort of perspex

983

00:44:22,050 --> 00:44:20,350

is a and they look each climb in one and

984

00:44:23,520 --> 00:44:22,060

snooze up there but they're always

985

00:44:26,490 --> 00:44:23,530

getting too big for those I'm a bit

986

00:44:29,040 --> 00:44:26,500

worried hmm anyway for this week this is

987

00:44:33,269 --> 00:44:29,050

Richard Saunders signing off from Sydney

988

00:44:39,460 --> 00:44:35,680

you've been listening to the skeptics

989

00:44:42,370 --> 00:44:39,470

own podcast visit our website at wwc a

990

00:44:45,789 --> 00:44:42,380

petting zoo TV for contacts and archive

991

00:44:48,519 --> 00:44:45,799

of all episodes since 2008 and our

992

00:44:50,430 --> 00:44:48,529

online store please support the skeptic

993

00:44:53,589 --> 00:44:50,440

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994

00:44:57,220 --> 00:44:53,599

skeptic zone liking us on facebook and

995

00:44:59,410 --> 00:44:57,230

leaving a review on iTunes you can also

996

00:45:02,579 --> 00:44:59,420

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997

00:45:05,349 --> 00:45:02,589

paypal for as little as 99 cents a week

998

00:45:06,999 --> 00:45:05,359

the skeptic zone is an independent

999

00:45:09,400 --> 00:45:07,009

production the views and opinions

1000

00:45:11,650 --> 00:45:09,410

expressed on the skeptic zone and not

