

The Skeptic Zone
Show 360 - 13 Sep 2015



Angie Mattke

1
00:00:12,640 --> 00:00:07,730
happy birthday to you happy birthday to

2
00:00:17,689 --> 00:00:12,650
you happy birthday dear skeptics earned

3
00:00:29,029 --> 00:00:17,699
seven years old whoo happy birthday to

4
00:00:31,640 --> 00:00:29,039
you welcome to the skeptic zone the

5
00:00:42,460 --> 00:00:31,650
podcast from Australia for science and

6
00:00:48,979 --> 00:00:44,930
hello and welcome to the skeptics earn

7
00:00:57,140 --> 00:00:48,989
episode number 360 360 I'll just turn

8
00:01:00,170 --> 00:00:57,150
around that's better for the 13th of sep

9
00:01:02,150 --> 00:01:00,180
tember 2015 Richard Saunders here with

10
00:01:04,490 --> 00:01:02,160
you from Sydney Australia and thank you

11
00:01:06,560 --> 00:01:04,500
Joe alabaster for singing happy birthday

12
00:01:08,359 --> 00:01:06,570
to the skeptic zone the skeptic zone is

13
00:01:10,040 --> 00:01:08,369

70 years old and to help celebrate the

14

00:01:12,590 --> 00:01:10,050

fact that the skeptic zone and seven

15

00:01:15,380 --> 00:01:12,600

years old because it kicked off the very

16

00:01:18,710 --> 00:01:15,390

first episode was recorded at dragoncon

17

00:01:21,200 --> 00:01:18,720

in 2008 in Atlanta we're going to be

18

00:01:24,170 --> 00:01:21,210

interviewing somebody I met at that

19

00:01:27,950 --> 00:01:24,180

occasion Angie matki who was just at

20

00:01:30,499 --> 00:01:27,960

DragonCon and was driving James the

21

00:01:32,630 --> 00:01:30,509

amazing Randi angie is an emergency

22

00:01:35,029 --> 00:01:32,640

physician so she has some interesting

23

00:01:37,370 --> 00:01:35,039

stories to tell it this time we're going

24

00:01:40,010 --> 00:01:37,380

to be discussing what dragoncon was like

25

00:01:42,469 --> 00:01:40,020

this year and the skeptic track there

26
00:01:44,150 --> 00:01:42,479
and the importance of skeptical outreach

27
00:01:46,280 --> 00:01:44,160
it's a bit of a theme this week as

28
00:01:47,929 --> 00:01:46,290
you'll see following that interview it's

29
00:01:49,760 --> 00:01:47,939
a week in science from our friends at

30
00:01:53,140 --> 00:01:49,770
the Royal Institution of Australia who

31
00:01:57,620 --> 00:01:53,150
do pretty damn good outreach themselves

32
00:01:59,719 --> 00:01:57,630
w WR IA us okay you then we're going to

33
00:02:01,580 --> 00:01:59,729
be reviewing some of the questions and

34
00:02:04,730 --> 00:02:01,590
comments put to us last week at the

35
00:02:06,830 --> 00:02:04,740
australian paranormal and spiritual expo

36
00:02:10,490 --> 00:02:06,840
where we were doing some more outreach

37
00:02:14,569 --> 00:02:10,500
in this case we were out reaching out

38
00:02:17,840 --> 00:02:14,579

reaching outreached mmm too well more or

39

00:02:21,140 --> 00:02:17,850

less believers in the paranormal at the

40

00:02:23,660 --> 00:02:21,150

expo which was a very good use of our

41

00:02:26,180 --> 00:02:23,670

time singing to the choir is great i

42

00:02:27,949 --> 00:02:26,190

love to do that I love to sing to the

43

00:02:29,479 --> 00:02:27,959

choir or preach to the converted because

44

00:02:31,910 --> 00:02:29,489

you always learn something when you do

45

00:02:35,360 --> 00:02:31,920

it anyway but having outreach to people

46

00:02:38,270 --> 00:02:35,370

who really believe in the paranormal the

47

00:02:40,310 --> 00:02:38,280

supernatural can be quite rewarding as

48

00:02:41,990 --> 00:02:40,320

well so a little bit later in the show

49

00:02:44,810 --> 00:02:42,000

you'll hear some of the more common

50

00:02:48,440 --> 00:02:44,820

questions that were put to the skeptics

51
00:02:50,420 --> 00:02:48,450
at the paranormal Expo then to round off

52
00:02:54,380 --> 00:02:50,430
the show a short interview i did with a

53
00:02:57,200 --> 00:02:54,390
a guy here in sydney is part of a

54
00:03:00,410 --> 00:02:57,210
you relatively new this year new podcast

55
00:03:03,830 --> 00:03:00,420
the Atheist our now normally we leave

56
00:03:06,010 --> 00:03:03,840
topics of atheism to the atheists it's

57
00:03:08,270 --> 00:03:06,020
not our special field and that's fine

58
00:03:11,030 --> 00:03:08,280
but I thought I'd interview Timothy

59
00:03:13,610 --> 00:03:11,040
Graham to to see where we cross over

60
00:03:16,910 --> 00:03:13,620
where we overlap I should say crossing

61
00:03:18,230 --> 00:03:16,920
over to see where we overlap and the

62
00:03:20,750 --> 00:03:18,240
obvious one would be things like

63
00:03:22,880 --> 00:03:20,760

creationism and also it's always

64

00:03:25,970 --> 00:03:22,890

interesting to hear about a new or

65

00:03:28,610 --> 00:03:25,980

relatively new podcast which is at heart

66

00:03:30,530 --> 00:03:28,620

grounded in science and reason so all

67

00:03:32,960 --> 00:03:30,540

that's coming up this week on the

68

00:03:37,160 --> 00:03:32,970

skeptic zone but now it's time for me to

69

00:03:40,190 --> 00:03:37,170

run downstairs see if that skeptics own

70

00:03:43,520 --> 00:03:40,200

birthday cake is finished baking put on

71

00:03:45,580 --> 00:03:43,530

some blue and white icing or what do the

72

00:03:49,850 --> 00:03:45,590

Americans call it icing is called um

73

00:03:51,440 --> 00:03:49,860

it's called um frosting yeah blue and

74

00:03:55,190 --> 00:03:51,450

white sort of the colors of the skeptics

75

00:03:58,640 --> 00:03:55,200

and well I'm doing that I'm doing that I

76

00:04:19,289 --> 00:03:58,650

hope you enjoy episode 3 60 of the

77

00:04:24,250 --> 00:04:22,120

and joining me on the line all the way

78

00:04:26,260 --> 00:04:24,260

from near Pittsburgh but originally

79

00:04:28,659 --> 00:04:26,270

she's from Atlanta and that's where she

80

00:04:33,700 --> 00:04:28,669

lives i think it's angie matka hello

81

00:04:35,230 --> 00:04:33,710

Angie I Richard hi now you are an

82

00:04:38,290 --> 00:04:35,240

emergency physician which is an

83

00:04:41,020 --> 00:04:38,300

interesting occupation all in itself and

84

00:04:43,120 --> 00:04:41,030

I must tell my listeners that we're

85

00:04:45,219 --> 00:04:43,130

using this weird video system at the

86

00:04:46,780 --> 00:04:45,229

moment it's not skype its messenger and

87

00:04:49,870 --> 00:04:46,790

but it's working and there you are in

88

00:04:52,480 --> 00:04:49,880

your scrubs goodness me you really are

89

00:04:55,120 --> 00:04:52,490

an emergency physician I really am I

90

00:04:57,659 --> 00:04:55,130

just got off work it's a 828 in the

91

00:04:59,710 --> 00:04:57,669

morning in the eastern United States

92

00:05:02,830 --> 00:04:59,720

amazing I'm so glad you could spare the

93

00:05:04,120 --> 00:05:02,840

time why I asked you to join us on the

94

00:05:05,620 --> 00:05:04,130

skeptic zone today apart from the fact

95

00:05:08,350 --> 00:05:05,630

that we're old friends and I think we've

96

00:05:10,300 --> 00:05:08,360

probably met first up what an amazing

97

00:05:12,279 --> 00:05:10,310

meeting or a dragon con or something

98

00:05:17,400 --> 00:05:12,289

like that it was a dragon card actually

99

00:05:19,690 --> 00:05:17,410

about what four or five years ago easily

100

00:05:23,080 --> 00:05:19,700

like that I mean I haven't been there

101
00:05:26,230 --> 00:05:23,090
for five years so it the time five years

102
00:05:28,360 --> 00:05:26,240
ago then it's scary so what I've asked

103
00:05:31,270 --> 00:05:28,370
it to ask you to join the skeptic zone

104
00:05:33,670 --> 00:05:31,280
today is that I sadly haven't been to

105
00:05:35,320 --> 00:05:33,680
dragoncon for a while and it's a

106
00:05:37,750 --> 00:05:35,330
wonderful thing because apart from all

107
00:05:40,240 --> 00:05:37,760
the weird space stuff and the cosplay

108
00:05:42,850 --> 00:05:40,250
and the movie stars and the TV stars

109
00:05:44,740 --> 00:05:42,860
there is such a strong skeptical present

110
00:05:46,779 --> 00:05:44,750
at dragoncon endure for those people who

111
00:05:49,360 --> 00:05:46,789
may not know this is the major pop

112
00:05:52,140 --> 00:05:49,370
culture convention in atlanta georgia

113
00:05:55,390 --> 00:05:52,150

every year and you were there this time

114

00:05:57,190 --> 00:05:55,400

and not only you but the amazing Randi

115

00:06:00,250 --> 00:05:57,200

as well what can you tell me about that

116

00:06:02,950 --> 00:06:00,260

well you're absolutely right the

117

00:06:05,230 --> 00:06:02,960

skeptics the skeptic track is in fact

118

00:06:07,589 --> 00:06:05,240

how I became involved in skepticism I

119

00:06:11,170 --> 00:06:07,599

happened across this at Dragon Con and

120

00:06:13,000 --> 00:06:11,180

went to my first talk there and I was

121

00:06:13,399 --> 00:06:13,010

just dumbfounded because these were my

122

00:06:15,949 --> 00:06:13,409

people

123

00:06:19,809 --> 00:06:15,959

and I remember seeing the amazing Randi

124

00:06:23,659 --> 00:06:19,819

on The Tonight Show back in the 70s and

125

00:06:26,029 --> 00:06:23,669

he has been a presence of course in

126
00:06:28,329 --> 00:06:26,039
skeptical meetings and such well Margaret

127
00:06:32,479 --> 00:06:28,339
Downey who I think you also know

128
00:06:34,219 --> 00:06:32,489
organizes a parade well our section of

129
00:06:35,889 --> 00:06:34,229
the parade the dragoncon parade is

130
00:06:38,089 --> 00:06:35,899
something if you haven't seen

131
00:06:40,339 --> 00:06:38,099
stormtroopers march and don't be three

132
00:06:43,429 --> 00:06:40,349
straight then you have not lived anyway

133
00:06:45,829 --> 00:06:43,439
so we now have a very prominent

134
00:06:47,989 --> 00:06:45,839
skeptical component to the parade and

135
00:06:50,389 --> 00:06:47,999
that is Marta thanks to Margaret Downey

136
00:06:52,279 --> 00:06:50,399
but this is the second year I've

137
00:06:54,799 --> 00:06:52,289
actually been able to I've had the

138
00:06:58,850 --> 00:06:54,809

privilege of driving James Randi as our

139

00:07:01,519 --> 00:06:58,860

honored guest in the parade and as you

140

00:07:03,949 --> 00:07:01,529

probably remember everyone who enters

141

00:07:06,529 --> 00:07:03,959

the parade has to be in a costume of

142

00:07:08,719 --> 00:07:06,539

some kind so this year I actually drove

143

00:07:12,799 --> 00:07:08,729

him dressed at while I was dressed as a

144

00:07:15,249 --> 00:07:12,809

crash-test I've seen the photographs and

145

00:07:18,230 --> 00:07:15,259

that outfit is is extraordinary

146

00:07:21,409 --> 00:07:18,240

especially considering and I remembered

147

00:07:23,419 --> 00:07:21,419

it's very well that the the temperature

148

00:07:26,359 --> 00:07:23,429

and the humidity in Atlanta that time of

149

00:07:30,009 --> 00:07:26,369

year can be fierce it can absolutely

150

00:07:33,259 --> 00:07:30,019

wilt the strongest of men and women but

151
00:07:35,899 --> 00:07:33,269
but this year was beautiful we had

152
00:07:38,059 --> 00:07:35,909
wonderful weather we had a huge turnout

153
00:07:39,799 --> 00:07:38,069
there were I think they finally tallied

154
00:07:42,259 --> 00:07:39,809
up yesterday they announced that there

155
00:07:44,899 --> 00:07:42,269
were approximately 70,000 people in

156
00:07:47,269 --> 00:07:44,909
attendance at the adjusted dragoncon if

157
00:07:50,899 --> 00:07:47,279
you can believe it but the hotels had

158
00:07:53,419 --> 00:07:50,909
instituted a sort of a traffic watch and

159
00:07:56,540 --> 00:07:53,429
so it really didn't feel as crowded as

160
00:07:58,429 --> 00:07:56,550
that as it has in years past even though

161
00:08:01,759 --> 00:07:58,439
they broke record attendance numbers

162
00:08:03,679 --> 00:08:01,769
this year but the parade itself there

163
00:08:06,169 --> 00:08:03,689

are probably 80,000 people lining the

164

00:08:08,959 --> 00:08:06,179

streets of Atlanta and in fact the city

165

00:08:11,569 --> 00:08:08,969

of Atlanta requested that the dragoncon

166

00:08:14,119 --> 00:08:11,579

parade be longer than usual so that they

167

00:08:17,449 --> 00:08:14,129

could provide more places for people to

168

00:08:19,069 --> 00:08:17,459

watch the parade it is great fun and I

169

00:08:21,559 --> 00:08:19,079

really hope that some of your listeners

170

00:08:22,909 --> 00:08:21,569

get to come to Atlanta and experience it

171

00:08:25,279 --> 00:08:22,919

for themselves because it really

172

00:08:29,089 --> 00:08:25,289

completely defies description I

173

00:08:32,029 --> 00:08:29,099

it's it does you we can talk about it

174

00:08:33,800 --> 00:08:32,039

from now until next week and give a

175

00:08:35,420 --> 00:08:33,810

sense of what it's like but unless you

176
00:08:39,409 --> 00:08:35,430
are there unless you're there surrounded

177
00:08:42,829 --> 00:08:39,419
by Ewoks and and bookies and and all

178
00:08:44,660 --> 00:08:42,839
sorts of crazy things from every science

179
00:08:46,579 --> 00:08:44,670
fiction and fantasy pick at realm you

180
00:08:47,840 --> 00:08:46,589
can imagine cartoons a lot it's

181
00:08:50,120 --> 00:08:47,850
something but yes you're right The

182
00:08:51,530 --> 00:08:50,130
Skeptical track is very important in the

183
00:08:53,389 --> 00:08:51,540
three years that I was lucky enough to

184
00:08:55,370 --> 00:08:53,399
go there I spoke at The Skeptical track

185
00:08:57,710 --> 00:08:55,380
and I met so many people like yourself

186
00:08:59,300 --> 00:08:57,720
coming along there and it's it's one of

187
00:09:00,740 --> 00:08:59,310
the best places i think for outreach

188
00:09:06,009 --> 00:09:00,750

because there's a lot of people come to

189

00:09:10,189 --> 00:09:06,019

dragoncon who are well gigs to be blunt

190

00:09:13,819 --> 00:09:10,199

are you adding me to your list I think

191

00:09:15,470 --> 00:09:13,829

so and amazing guilty and into a large

192

00:09:18,199 --> 00:09:15,480

pot these are out people I think you'd

193

00:09:19,430 --> 00:09:18,209

have to agree the curious people the

194

00:09:21,110 --> 00:09:19,440

people who are in the fantasy and

195

00:09:23,540 --> 00:09:21,120

science fiction and adventure and stuff

196

00:09:25,550 --> 00:09:23,550

like that they seem to be a lot of

197

00:09:26,980 --> 00:09:25,560

natural skeptics there and and is it's a

198

00:09:31,519 --> 00:09:26,990

great place for them to discover

199

00:09:35,809 --> 00:09:31,529

skepticism I absolutely agree and there

200

00:09:38,150 --> 00:09:35,819

are several tracks that have their main

201
00:09:39,259 --> 00:09:38,160
programming I'm all very close to each

202
00:09:41,870 --> 00:09:39,269
other and there tends to be a lot of

203
00:09:44,000 --> 00:09:41,880
overlap between the different tracks of

204
00:09:45,800 --> 00:09:44,010
course the skeptic track is huge and in

205
00:09:48,079 --> 00:09:45,810
fact they've had to expand to the rooms

206
00:09:49,879 --> 00:09:48,089
when you were there it was only in that

207
00:09:52,069 --> 00:09:49,889
one small room but now they've expanded

208
00:09:55,069 --> 00:09:52,079
into what was the podcasting track and

209
00:09:56,990 --> 00:09:55,079
moved that to another section also the

210
00:09:59,509 --> 00:09:57,000
space track and the science track are

211
00:10:01,460 --> 00:09:59,519
hugely popular and there's so much

212
00:10:04,129 --> 00:10:01,470
overlap that is sometimes frankly it's

213
00:10:06,980 --> 00:10:04,139

hard to get into some of the rooms just

214

00:10:09,259 --> 00:10:06,990

because the programming is so good the

215

00:10:11,720 --> 00:10:09,269

quality is outstanding the speakers are

216

00:10:13,040 --> 00:10:11,730

terrific well I mean I actually gave a

217

00:10:16,129 --> 00:10:13,050

talk this year but I'm not blowing my

218

00:10:18,470 --> 00:10:16,139

own horn actually this is my second

219

00:10:20,540 --> 00:10:18,480

you're giving talks but um good thing so

220

00:10:23,210 --> 00:10:20,550

much fun the audience is so receptive

221

00:10:27,429 --> 00:10:23,220

and very intelligent they ask very good

222

00:10:31,100 --> 00:10:27,439

questions and even when there are some

223

00:10:34,819 --> 00:10:31,110

sparks between the the ex track you know

224

00:10:36,290 --> 00:10:34,829

the paranormal track epic track it's

225

00:10:39,410 --> 00:10:36,300

always fun and it

226

00:10:42,290 --> 00:10:39,420

and even when a sparks fly a little bit

227

00:10:44,480 --> 00:10:42,300

it's still in general it's still pretty

228

00:10:46,160 --> 00:10:44,490

friendly in between I agree and I

229

00:10:48,770 --> 00:10:46,170

remember going along to some of those

230

00:10:50,690 --> 00:10:48,780

other tracks especially the space track

231

00:10:52,070 --> 00:10:50,700

and I was part of the podcasting track

232

00:10:54,230 --> 00:10:52,080

but I went to the extract for a few

233

00:10:56,420 --> 00:10:54,240

sessions there I remember James Randi

234

00:10:58,540 --> 00:10:56,430

went along to once when I was there to

235

00:11:02,720 --> 00:10:58,550

the extracts oh there's a big cross

236

00:11:04,670 --> 00:11:02,730

pollination maybe I can say love going

237

00:11:06,140 --> 00:11:04,680

on there now tell me more about the

238

00:11:08,720 --> 00:11:06,150

amazing Randi because the last time I

239

00:11:11,360 --> 00:11:08,730

saw him the very last time I saw Randy

240

00:11:14,240 --> 00:11:11,370

he was doing magic tricks he was doing

241

00:11:16,700 --> 00:11:14,250

wonderful card tricks for the last

242

00:11:19,760 --> 00:11:16,710

skerrick of the TAM people a few months

243

00:11:22,850 --> 00:11:19,770

ago in Las Vegas how's he going how is

244

00:11:25,010 --> 00:11:22,860

he well I have to say one of my favorite

245

00:11:27,110 --> 00:11:25,020

things was when we were driving the car

246

00:11:30,140 --> 00:11:27,120

or when I was driving the car and he was

247

00:11:32,720 --> 00:11:30,150

riding behind um to hear everyone

248

00:11:35,660 --> 00:11:32,730

yelling they they were yelling his name

249

00:11:37,670 --> 00:11:35,670

they were cheering for him people still

250

00:11:41,210 --> 00:11:37,680

remember him and they seemed to his

251
00:11:44,720 --> 00:11:41,220
movie the honest and honest liar they

252
00:11:46,940 --> 00:11:44,730
they have absolute people are still

253
00:11:48,950 --> 00:11:46,950
stopping them in the street they're

254
00:11:50,780 --> 00:11:48,960
still winning photographs with myths so

255
00:11:53,390 --> 00:11:50,790
nice to see that there's this memory

256
00:11:55,340 --> 00:11:53,400
that we have as a cola as a you know

257
00:11:56,570 --> 00:11:55,350
that we have this collective memory most

258
00:11:58,370 --> 00:11:56,580
of the folks are little on the older

259
00:11:59,780 --> 00:11:58,380
side by one of my favorite moments was

260
00:12:01,670 --> 00:11:59,790
when we were getting loaded up to get

261
00:12:04,010 --> 00:12:01,680
into the parade you know there's a

262
00:12:06,080 --> 00:12:04,020
staging area and there was this woman

263
00:12:09,350 --> 00:12:06,090

really beautiful woman she was dressed

264

00:12:11,720 --> 00:12:09,360

as a ghostbuster and she I could not

265

00:12:14,030 --> 00:12:11,730

speak she was so excited to see him and

266

00:12:16,940 --> 00:12:14,040

she was younger she was probably in her

267

00:12:19,700 --> 00:12:16,950

mid-20s and she just became weak at the

268

00:12:22,100 --> 00:12:19,710

knees when she saw him it was such a

269

00:12:24,590 --> 00:12:22,110

huge fan and it was though it was just

270

00:12:26,300 --> 00:12:24,600

so moving to see this new generation of

271

00:12:28,610 --> 00:12:26,310

folks who were aware of him and the work

272

00:12:30,650 --> 00:12:28,620

that he's done and it was exciting to

273

00:12:32,300 --> 00:12:30,660

see that that has been perpetuated that

274

00:12:36,830 --> 00:12:32,310

people do remember they're still talking

275

00:12:39,980 --> 00:12:36,840

about it and so he he was just as

276

00:12:42,080 --> 00:12:39,990

gracious as he always has been he's so

277

00:12:44,210 --> 00:12:42,090

kind he is always willing to stop and

278

00:12:47,870 --> 00:12:44,220

take photographs and to speak to people

279

00:12:48,809 --> 00:12:47,880

and and he still had a still mentally as

280

00:12:50,729 --> 00:12:48,819

sharp as ever

281

00:12:53,699 --> 00:12:50,739

he moves a little slower than he used to

282

00:12:55,109 --> 00:12:53,709

but he's still doing pricks you know our

283

00:12:57,299 --> 00:12:55,119

friend Celeste you award the

284

00:13:02,009 --> 00:12:57,309

caricaturist absolutely she did a

285

00:13:04,439 --> 00:13:02,019

wonderful character of me yeah and she

286

00:13:07,159 --> 00:13:04,449

did what you know why she did one of me

287

00:13:10,559 --> 00:13:07,169

is because I saw the one she did of you

288

00:13:12,749 --> 00:13:10,569

haha well she's so talented and anyone

289

00:13:15,779 --> 00:13:12,759

who's in las vegas please hire her for a

290

00:13:18,479 --> 00:13:15,789

gig because she's fantastic anyway so

291

00:13:21,269 --> 00:13:18,489

she was sitting next to him at dinner

292

00:13:22,769 --> 00:13:21,279

one night and he turned and gay if she

293

00:13:24,329 --> 00:13:22,779

still tells the story because it's one

294

00:13:26,969 --> 00:13:24,339

of her favorite moments from the whole

295

00:13:28,650 --> 00:13:26,979

weekend she said that he turned to her

296

00:13:31,159 --> 00:13:28,660

and kind of in a very conspiratorial

297

00:13:33,960 --> 00:13:31,169

whisper do you want to see a magic trick

298

00:13:35,879 --> 00:13:33,970

that the port right in front of her just

299

00:13:38,249 --> 00:13:35,889

like a regular past the spoon yeah and

300

00:13:40,590 --> 00:13:38,259

she still talks about that he just

301

00:13:44,699 --> 00:13:40,600

cheated he just made her night he

302

00:13:46,889 --> 00:13:44,709

doesn't he does that yeah I'm delighted

303

00:13:48,389 --> 00:13:46,899

to hear that day in his retirement that

304

00:13:52,049 --> 00:13:48,399

he's basically still doing the same

305

00:13:54,719 --> 00:13:52,059

thing you he always does which is surely

306

00:13:56,759 --> 00:13:54,729

should turn up somewhere and be magical

307

00:13:59,069 --> 00:13:56,769

and be and be just the amazing Randi

308

00:14:01,409 --> 00:13:59,079

that's fantastic to hear now let's talk

309

00:14:02,849 --> 00:14:01,419

about the fact that our listeners will

310

00:14:05,579 --> 00:14:02,859

have the chance to meet you because

311

00:14:08,969 --> 00:14:05,589

you're coming to the brisbane convention

312

00:14:11,369 --> 00:14:08,979

oh I can't wait I went through the

313

00:14:13,739 --> 00:14:11,379

Australian skeptics in Sydney which was

314

00:14:16,319 --> 00:14:13,749

one of my favorite weeks I've ever spent

315

00:14:18,090 --> 00:14:16,329

traveling and met just the most

316

00:14:22,229 --> 00:14:18,100

wonderful people everyone's so friendly

317

00:14:24,479 --> 00:14:22,239

and welcoming and gracious and I can't

318

00:14:26,789 --> 00:14:24,489

wait to see Brisbane Brisbane is a

319

00:14:28,499 --> 00:14:26,799

beautiful city and we've been talking

320

00:14:30,719 --> 00:14:28,509

about the convention in the last couple

321

00:14:33,029 --> 00:14:30,729

of weeks on the skeptics own podcast so

322

00:14:35,789 --> 00:14:33,039

if you if you can come all the way from

323

00:14:36,869 --> 00:14:35,799

the other side of the planet to attend

324

00:14:38,489 --> 00:14:36,879

the Australian skeptics National

325

00:14:42,960 --> 00:14:38,499

Convention I'm sure our listeners around

326

00:14:44,609 --> 00:14:42,970

Australia can get there as well I'm

327

00:14:46,559 --> 00:14:44,619

delighted you're looking forward to it

328

00:14:48,689 --> 00:14:46,569

because it's a great lineup and I

329

00:14:51,599 --> 00:14:48,699

noticed today you posted somewhere that

330

00:14:54,239 --> 00:14:51,609

you you should be at the skeptic am too

331

00:14:56,609 --> 00:14:54,249

on the Friday before the convention well

332

00:14:58,379 --> 00:14:56,619

since I have lectures are prepared for a

333

00:15:00,210 --> 00:14:58,389

skeptic track I've offered I know

334

00:15:02,220 --> 00:15:00,220

they're often looking for speakers when

335

00:15:05,700 --> 00:15:02,230

we do skeptic camps

336

00:15:07,860 --> 00:15:05,710

in Atlanta and other areas and so I just

337

00:15:09,810 --> 00:15:07,870

if they were looking for some someone to

338

00:15:11,970 --> 00:15:09,820

help fill some time I have a couple of

339

00:15:14,390 --> 00:15:11,980

lectures that are ready to go I tend to

340

00:15:18,570 --> 00:15:14,400

favor the alternative medicine

341

00:15:21,000 --> 00:15:18,580

discussions that obviously just mostly

342

00:15:25,170 --> 00:15:21,010

because I get so infuriated when people

343

00:15:27,050 --> 00:15:25,180

willfully con others out of money when

344

00:15:30,450 --> 00:15:27,060

it comes to health matters in particular

345

00:15:33,300 --> 00:15:30,460

in fact I have you to thank for one of

346

00:15:34,560 --> 00:15:33,310

your power ballots demonstrations and I

347

00:15:37,350 --> 00:15:34,570

think I've mentioned this to you before

348

00:15:39,840 --> 00:15:37,360

I had a patient who actually had what I

349

00:15:42,420 --> 00:15:39,850

suspect as a contact dermatitis from the

350

00:15:45,650 --> 00:15:42,430

the band itself it was an irritating

351

00:15:48,840 --> 00:15:45,660

factor on his arm and he was a very

352

00:15:51,080 --> 00:15:48,850

accomplished gentleman but did not have

353

00:15:54,750 --> 00:15:51,090

the critical thinking skills and the

354

00:15:56,580 --> 00:15:54,760

knowledge and he was very persuaded by a

355

00:15:58,200 --> 00:15:56,590

demonstration very much like the

356

00:16:00,210 --> 00:15:58,210

demonstration that you give on your

357

00:16:02,580 --> 00:16:00,220

youtube video and i managed to

358

00:16:04,770 --> 00:16:02,590

demonstrate it right in front of him

359

00:16:09,900 --> 00:16:04,780

with his wife using my stethoscope as

360

00:16:11,940 --> 00:16:09,910

the as the stimulus and and after I'd

361

00:16:13,560 --> 00:16:11,950

showed him how he had been deceived he

362

00:16:16,350 --> 00:16:13,570

tore that thing off and threw in the

363

00:16:17,730 --> 00:16:16,360

garbage Wow and presumably his rash has

364

00:16:19,770 --> 00:16:17,740

healed I haven't heard from him further

365

00:16:22,020 --> 00:16:19,780

but but i have to thank you for that

366

00:16:26,490 --> 00:16:22,030

very publicly even I've told you about

367

00:16:27,870 --> 00:16:26,500

it before I appreciate that I'm glad I'm

368

00:16:30,330 --> 00:16:27,880

glad the video is still being used

369

00:16:31,830 --> 00:16:30,340

that's fantastic well Angie look I can't

370

00:16:33,450 --> 00:16:31,840

wait to see you again we are old friends

371

00:16:34,920 --> 00:16:33,460

we did meet at dragoncon and you know I

372

00:16:39,750 --> 00:16:34,930

was going through some old photographs

373

00:16:41,580 --> 00:16:39,760

old photographs room watch is 2008 i

374

00:16:45,060 --> 00:16:41,590

think it was i was going through some

375

00:16:46,920 --> 00:16:45,070

files and there you are at in the crowd

376

00:16:48,570 --> 00:16:46,930

at the skeptic track so that's probably

377

00:16:50,820 --> 00:16:48,580

where we met i think when i was giving a

378

00:16:53,130 --> 00:16:50,830

talk and scary well I'm delighted I'm

379

00:16:54,930 --> 00:16:53,140

Derek Colin dunno and these friends do

380

00:16:57,420 --> 00:16:54,940

such a wonderful job there Randy turns

381

00:16:59,220 --> 00:16:57,430

up I'm sorry I can't be there because

382

00:17:00,810 --> 00:16:59,230

apart from the fact it's a lot of fun

383

00:17:02,850 --> 00:17:00,820

we'll just get back to what we're

384

00:17:06,090 --> 00:17:02,860

discussing earlier it's one of the best

385

00:17:08,940 --> 00:17:06,100

outreach places I know you know it

386

00:17:10,350 --> 00:17:08,950

because the battles half done there's a

387

00:17:12,240 --> 00:17:10,360

lot of people there who are interested

388

00:17:14,550 --> 00:17:12,250

in science anyway and then they can

389

00:17:15,810 --> 00:17:14,560

learn about skepticism and outreach is

390

00:17:18,410 --> 00:17:15,820

so important so

391

00:17:21,270 --> 00:17:18,420

I'm delighted that you were there too oh

392

00:17:23,160 --> 00:17:21,280

and yeah and we look forward to having

393

00:17:25,890 --> 00:17:23,170

you come back sometime soon and you're

394

00:17:29,070 --> 00:17:25,900

absolutely right it is it is a wonderful

395

00:17:31,950 --> 00:17:29,080

place to have outreach to all ages even

396

00:17:34,440 --> 00:17:31,960

my kids both teenagers were able to be

397

00:17:37,430 --> 00:17:34,450

on a panel about skeptical teens and how

398

00:17:41,640 --> 00:17:37,440

how do you deal with families that have

399

00:17:45,180 --> 00:17:41,650

mixed mixed belief systems and such and

400

00:17:47,370 --> 00:17:45,190

it was really a fascinating outreach

401
00:17:49,080 --> 00:17:47,380
into other age groups as well as two

402
00:17:52,080 --> 00:17:49,090
people who wouldn't ordinarily attend

403
00:17:53,700 --> 00:17:52,090
the staff tracks that's the idea Angie

404
00:17:57,060 --> 00:17:53,710
can't wait to see you I'll look forward

405
00:17:58,530 --> 00:17:57,070
to seeing you in Brisbane and we can

406
00:18:00,600 --> 00:17:58,540
catch up and I'm sure we'll have an

407
00:18:02,670 --> 00:18:00,610
interesting time I might even interview

408
00:18:04,920 --> 00:18:02,680
you again for the skeptic sound who

409
00:18:07,230 --> 00:18:04,930
knows in fact I will we definitely will

410
00:18:09,030 --> 00:18:07,240
i'll make it a date and will interview

411
00:18:11,130 --> 00:18:09,040
you on alternative medicine can't wait

412
00:18:12,750 --> 00:18:11,140
for that but for now i gotta let you get

413
00:18:14,550 --> 00:18:12,760

to sleep because you've come off a long

414

00:18:16,410 --> 00:18:14,560

shift you're in your scrubs you falling

415

00:18:18,540 --> 00:18:16,420

off the chair there you're so tired but

416

00:18:21,240 --> 00:18:18,550

we do a place she hate you being on the

417

00:18:38,109 --> 00:18:21,250

skeptic turn thank you so much for two

418

00:18:43,099 --> 00:18:40,909

welcome to weaken science from our oz

419

00:18:45,289 --> 00:18:43,109

bringing you the science you need to

420

00:18:46,849 --> 00:18:45,299

know is that blue fuzz you might have

421

00:18:48,799 --> 00:18:46,859

fished out of your belly button but was

422

00:18:54,589 --> 00:18:48,809

his belly button lint and the guys get

423

00:18:56,359 --> 00:18:54,599

up more than women yeah seriously we're

424

00:18:57,979 --> 00:18:56,369

doing this is the question have always

425

00:19:00,919 --> 00:18:57,989

asked ourselves where does it come from

426
00:19:03,079 --> 00:19:00,929
it was always blue today we're finding

427
00:19:06,049 --> 00:19:03,089
an answer believe it or not Australia's

428
00:19:08,449 --> 00:19:06,059
ABC ran a nationwide survey to find out

429
00:19:10,009 --> 00:19:08,459
about Australia's belly button lint they

430
00:19:12,109 --> 00:19:10,019
discovered that men have more belly

431
00:19:14,569 --> 00:19:12,119
button lint and generally the older you

432
00:19:16,310 --> 00:19:14,579
get the more you have most people who

433
00:19:18,529 --> 00:19:16,320
had belly button lint were hairy and

434
00:19:20,719 --> 00:19:18,539
nearly all had an innie belly button

435
00:19:22,759 --> 00:19:20,729
only eight percent of people who said

436
00:19:25,249 --> 00:19:22,769
they had belly button lint had a navel

437
00:19:26,899 --> 00:19:25,259
ring and many people reported that the

438
00:19:28,969 --> 00:19:26,909

production of belly button lint reduced

439

00:19:30,960 --> 00:19:28,979

or disappeared when they got a navel

440

00:19:33,419 --> 00:19:30,970

ring

441

00:19:35,399 --> 00:19:33,429

so that's the facts now let's look at

442

00:19:36,930 --> 00:19:35,409

the theory of what causes it the most

443

00:19:38,789 --> 00:19:36,940

plausible theories that the hairs of

444

00:19:41,130 --> 00:19:38,799

your stomach cause small abrasions in

445

00:19:44,039 --> 00:19:41,140

your clothes causing fabric fibers to

446

00:19:45,570 --> 00:19:44,049

fall off and get trapped the hairs on

447

00:19:47,669 --> 00:19:45,580

your stomach generally point towards

448

00:19:49,919 --> 00:19:47,679

your belly button so natural movements

449

00:19:51,600 --> 00:19:49,929

push the fibers along the hairs into the

450

00:19:53,970 --> 00:19:51,610

belly button where it combines to form a

451
00:19:55,620 --> 00:19:53,980
ball this hair movement theory would

452
00:19:57,419 --> 00:19:55,630
explain the difference between people

453
00:20:00,210 --> 00:19:57,429
with lots of body hair and those without

454
00:20:02,610 --> 00:20:00,220
in fact if you shave your stomach belly

455
00:20:04,470 --> 00:20:02,620
button lint formation reduces belly

456
00:20:06,570 --> 00:20:04,480
button lint isn't only just fabric

457
00:20:10,470 --> 00:20:06,580
fibers though the little balls also

458
00:20:13,460 --> 00:20:10,480
contain skin sweat and dust and now for

459
00:20:15,750 --> 00:20:13,470
fast facts about your belly button

460
00:20:17,970 --> 00:20:15,760
although it has been claimed the ancient

461
00:20:20,010 --> 00:20:17,980
Egyptian stars navel piercing there is

462
00:20:21,840 --> 00:20:20,020
actually no historical evidence of it at

463
00:20:24,029 --> 00:20:21,850

all the belly button biodiversity

464

00:20:25,950 --> 00:20:24,039

project aims to understand the bacteria

465

00:20:28,409 --> 00:20:25,960

in your belly button they've found the

466

00:20:30,390 --> 00:20:28,419

amount and types vary widely from person

467

00:20:32,279 --> 00:20:30,400

to person whether you get an innie or an

468

00:20:34,470 --> 00:20:32,289

outie depends on the scar tissue that

469

00:20:37,169 --> 00:20:34,480

forms when your umbilical cord drops off

470

00:20:38,970 --> 00:20:37,179

and an Australian man holds the world's

471

00:20:41,730 --> 00:20:38,980

largest collection of his own belly

472

00:20:44,669 --> 00:20:41,740

button lint 22 grams collected over the

473

00:20:47,010 --> 00:20:44,679

course of 26 years that's it for this

474

00:20:50,029 --> 00:20:47,020

week in science for more information on

475

00:20:53,909 --> 00:20:50,039

belly buttons goes to the RLS website RI

476
00:20:56,549 --> 00:20:53,919
aus stop org a you follow us on twitter

477
00:21:10,610 --> 00:20:56,559
at ARA oz and like us on facebook i'm

478
00:21:15,900 --> 00:21:13,770
ad hominem begging the question factoid

479
00:21:18,029 --> 00:21:15,910
propagation false analogy false cause

480
00:21:19,860 --> 00:21:18,039
false dichotomy gibberish immunized

481
00:21:21,419 --> 00:21:19,870
hypothesis moral equivalence poison the

482
00:21:24,000 --> 00:21:21,429
well simple modern certitude stacking a

483
00:21:25,950 --> 00:21:24,010
deck and WTF are just some of the

484
00:21:28,440 --> 00:21:25,960
fallacies we provide real life examples

485
00:21:32,330 --> 00:21:28,450
of in hunting humbug 101 a podcast about

486
00:21:47,610 --> 00:21:32,340
bad arguments check it out at www.viki

487
00:21:53,700 --> 00:21:50,180
as you would have heard on skeptic zone

488
00:21:55,740 --> 00:21:53,710

359 Australian skeptics and members of

489

00:21:59,010 --> 00:21:55,750

the skeptics owned there's a bit of a

490

00:22:01,890 --> 00:21:59,020

cross over there we're at the Australian

491

00:22:04,890 --> 00:22:01,900

paranormal and spiritual Expo at the

492

00:22:07,140 --> 00:22:04,900

cashola powerhouse here in Sydney we

493

00:22:09,620 --> 00:22:07,150

were there all day at our skeptic stable

494

00:22:12,480 --> 00:22:09,630

handing out lots of magazines brochures

495

00:22:14,340 --> 00:22:12,490

our \$100,000 challenge but more

496

00:22:18,990 --> 00:22:14,350

importantly we were chatting to people

497

00:22:20,970 --> 00:22:19,000

we were talking to people believers mums

498

00:22:23,820 --> 00:22:20,980

and dads everyday people coming to the

499

00:22:26,070 --> 00:22:23,830

expo would come up so would be quite

500

00:22:28,799 --> 00:22:26,080

confused as to why we were there but at

501
00:22:32,460 --> 00:22:28,809
least they would talk to us and we I

502
00:22:37,650 --> 00:22:32,470
think it's safe to say remained polite

503
00:22:39,900 --> 00:22:37,660
come ah charming dare I say and simply

504
00:22:44,010 --> 00:22:39,910
engaged with people and tried our best

505
00:22:45,720 --> 00:22:44,020
to answer their questions what I'd like

506
00:22:47,990 --> 00:22:45,730
to do now is summarize some of the more

507
00:22:50,370 --> 00:22:48,000
common questions we had on the day in

508
00:22:52,430 --> 00:22:50,380
comments or at least the ones i can

509
00:22:55,140 --> 00:22:52,440
remember sometimes you hear things

510
00:22:59,700 --> 00:22:55,150
repeated many many times and slightly

511
00:23:02,940 --> 00:22:59,710
different different phraseology but

512
00:23:05,460 --> 00:23:02,950
let's start with our a common things put

513
00:23:08,130 --> 00:23:05,470

to us not only an expose of course but

514

00:23:11,669 --> 00:23:08,140

generally speaking and that is when

515

00:23:14,880 --> 00:23:11,679

somebody uses the logical fallacy of

516

00:23:20,430 --> 00:23:14,890

begging the question here's the typical

517

00:23:22,950 --> 00:23:20,440

example to help me it's joe alabaster so

518

00:23:25,310 --> 00:23:22,960

tell me what would you say if an alien

519

00:23:28,320 --> 00:23:25,320

came into the room then i would say

520

00:23:30,480 --> 00:23:28,330

hello alien i'd be surprised but i'd say

521

00:23:33,030 --> 00:23:30,490

hello a name but you don't believe in

522

00:23:35,510 --> 00:23:33,040

aliens well I don't think aliens are

523

00:23:37,670 --> 00:23:35,520

visiting the earth there could be lots

524

00:23:40,280 --> 00:23:37,680

life out there in the universe we don't

525

00:23:42,650 --> 00:23:40,290

know yet yes but you don't believe in

526

00:23:45,860 --> 00:23:42,660

aliens well I can put it back to you do

527

00:23:47,750 --> 00:23:45,870

you believe in aliens I haven't seen one

528

00:23:49,220 --> 00:23:47,760

but they might be real well that's all

529

00:23:54,890 --> 00:23:49,230

we're saying we haven't seen one either

530

00:23:57,290 --> 00:23:54,900

but they might be real you'll get many

531

00:24:00,230 --> 00:23:57,300

variations of this sort of statement /

532

00:24:02,210 --> 00:24:00,240

question people will basically wrap the

533

00:24:05,300 --> 00:24:02,220

conclusion up in the the question itself

534

00:24:07,550 --> 00:24:05,310

what would you say if an alien walked

535

00:24:09,800 --> 00:24:07,560

into the room well the only way you can

536

00:24:12,140 --> 00:24:09,810

really proceed on that hypothetical is

537

00:24:14,570 --> 00:24:12,150

to assume that the premises and alien

538

00:24:17,270 --> 00:24:14,580

walked into the room but you'll get this

539

00:24:18,980 --> 00:24:17,280

with what would you say then skeptic if

540

00:24:21,470 --> 00:24:18,990

you saw a ghost or what would you say

541

00:24:24,080 --> 00:24:21,480

skeptic if someone could really bend the

542

00:24:26,180 --> 00:24:24,090

spoon and the answer is well then

543

00:24:29,240 --> 00:24:26,190

someone could really bend a spoon there

544

00:24:31,610 --> 00:24:29,250

I can understand what they're trying to

545

00:24:33,350 --> 00:24:31,620

do they're trying to understand where

546

00:24:35,240 --> 00:24:33,360

we're coming from but and then they're

547

00:24:38,540 --> 00:24:35,250

trying at the same time to get us to

548

00:24:40,120 --> 00:24:38,550

admit that we're wrong basically that's

549

00:24:42,950 --> 00:24:40,130

they're begging the question is

550

00:24:45,680 --> 00:24:42,960

ultimately there their aim is to try and

551
00:24:47,000 --> 00:24:45,690
trick us into admitting we're wrong a

552
00:24:50,750 --> 00:24:47,010
lot of people have this overwhelming

553
00:24:52,910 --> 00:24:50,760
desire to beat the skeptics get the

554
00:24:56,720 --> 00:24:52,920
better of the skeptics it's quite

555
00:24:58,160 --> 00:24:56,730
interesting often at this sort of event

556
00:25:00,940 --> 00:24:58,170
there a lot of people there who come

557
00:25:05,210 --> 00:25:00,950
along who believe in the afterlife or

558
00:25:07,760 --> 00:25:05,220
spirits or something vaguely similar to

559
00:25:10,250 --> 00:25:07,770
that and here's another thing that

560
00:25:12,290 --> 00:25:10,260
they'll do they'll try to wrap up

561
00:25:17,210 --> 00:25:12,300
conventional science in their argument

562
00:25:19,250 --> 00:25:17,220
you know what they put to us to make

563
00:25:20,930 --> 00:25:19,260

their case and a typical comment would

564

00:25:23,450 --> 00:25:20,940

be like this

565

00:25:25,790 --> 00:25:23,460

you know that Stephen Hawking says that

566

00:25:30,230 --> 00:25:25,800

there are at least 11 other dimensions

567

00:25:32,840 --> 00:25:30,240

are you saying that he's wrong now there

568

00:25:34,820 --> 00:25:32,850

we have sort of argument from Authority

569

00:25:36,680 --> 00:25:34,830

but it really doesn't matter they're

570

00:25:38,720 --> 00:25:36,690

trying to use something that they

571

00:25:41,650 --> 00:25:38,730

perceive to be credible Stephen Hawking

572

00:25:44,240 --> 00:25:41,660

in this situation to make the case that

573

00:25:46,810 --> 00:25:44,250

spirits are real if you can follow what

574

00:25:49,360 --> 00:25:46,820

I'm saying this happens again and again

575

00:25:52,340 --> 00:25:49,370

but then you can try to get them back to

576

00:25:53,330 --> 00:25:52,350

back to proof so well but if Stephen

577

00:25:54,530 --> 00:25:53,340

Hawking says that that's very

578

00:25:57,260 --> 00:25:54,540

interesting but if you're claiming

579

00:25:58,820 --> 00:25:57,270

you're talking to a spirit we well we'd

580

00:26:01,400 --> 00:25:58,830

like to would like to have good evidence

581

00:26:04,070 --> 00:26:01,410

of that as I mentioned before on the

582

00:26:06,230 --> 00:26:04,080

table at the expo the Australian

583

00:26:08,600 --> 00:26:06,240

skeptics brought along boxes and boxes

584

00:26:10,640 --> 00:26:08,610

of the magazine the skeptic the journal

585

00:26:13,790 --> 00:26:10,650

from Australian skeptics recent back

586

00:26:16,190 --> 00:26:13,800

issues to give away we think that's a

587

00:26:18,050 --> 00:26:16,200

pretty worthwhile sort of outreach the

588

00:26:19,340 --> 00:26:18,060

majority of people who came by the table

589

00:26:22,670 --> 00:26:19,350

the majority of people at the expo

590

00:26:25,940 --> 00:26:22,680

happened to be female and this was a

591

00:26:29,770 --> 00:26:25,950

typical response when people walk by and

592

00:26:32,780 --> 00:26:29,780

we simply offered them a free magazine

593

00:26:35,930 --> 00:26:32,790

I'll take one for my husband he's the

594

00:26:38,110 --> 00:26:35,940

biggest skeptic in the world it's the

595

00:26:41,030 --> 00:26:38,120

age-old question why there are more men

596

00:26:43,790 --> 00:26:41,040

involved in skepticism than women I

597

00:26:45,620 --> 00:26:43,800

don't know that's certainly changing we

598

00:26:47,300 --> 00:26:45,630

might flip that a little bit and say why

599

00:26:51,350 --> 00:26:47,310

they're more women involved with the

600

00:26:53,990 --> 00:26:51,360

spiritual new-age sort of whoo whoo it's

601
00:26:57,710 --> 00:26:54,000
a I don't know the exact breakdown that

602
00:26:59,810 --> 00:26:57,720
seems to be the case as I said before a

603
00:27:02,210 --> 00:26:59,820
lot of people were amused or bemused to

604
00:27:04,100 --> 00:27:02,220
the skeptics were there and when people

605
00:27:05,980 --> 00:27:04,110
came by would often say would you like a

606
00:27:08,510 --> 00:27:05,990
magazine or would you like to chat and

607
00:27:10,940 --> 00:27:08,520
the typical reply would be something

608
00:27:14,000 --> 00:27:10,950
like this

609
00:27:16,700 --> 00:27:14,010
ah I'm not a skeptic oh I think you're a

610
00:27:19,820 --> 00:27:16,710
skeptic what would you say if I told you

611
00:27:22,129 --> 00:27:19,830
I could fly around the room I'd want you

612
00:27:24,440 --> 00:27:22,139
to prove it well that's exactly what

613
00:27:27,820 --> 00:27:24,450

we're saying to these other claims were

614

00:27:31,430 --> 00:27:27,830

hearing now that's not a bad angle

615

00:27:33,529 --> 00:27:31,440

because it gets people thinking when you

616

00:27:35,389 --> 00:27:33,539

say to them that all you're after is

617

00:27:38,990 --> 00:27:35,399

what they've just asked of you that is

618

00:27:41,230 --> 00:27:39,000

proof it's interesting to see a lot of

619

00:27:43,490 --> 00:27:41,240

people it's almost like their brains

620

00:27:46,250 --> 00:27:43,500

clicking over a gear it's it's it's

621

00:27:47,779 --> 00:27:46,260

quite a worthwhile thing another thing

622

00:27:50,029 --> 00:27:47,789

we had on the table but from the

623

00:27:53,060 --> 00:27:50,039

magazines and a power balance bracelet

624

00:27:54,470 --> 00:27:53,070

or two and some ear candles to explain

625

00:27:57,230 --> 00:27:54,480

to people that we think they're a bad

626

00:27:59,480 --> 00:27:57,240

idea was a set of dowsing or divining

627

00:28:02,240 --> 00:27:59,490

rods now periodically would get those

628

00:28:05,029 --> 00:28:02,250

out and show people how they appear to

629

00:28:06,710 --> 00:28:05,039

work lots of people coming to the expo

630

00:28:09,110 --> 00:28:06,720

certainly believed in dowsing and

631

00:28:12,440 --> 00:28:09,120

divining using pendulums and dowsing

632

00:28:18,950 --> 00:28:12,450

rods and sticks and this was the

633

00:28:21,259 --> 00:28:18,960

reaction of one lady who came by you

634

00:28:22,940 --> 00:28:21,269

have dancing rods yes we like to

635

00:28:25,399 --> 00:28:22,950

demonstrate how we think they might work

636

00:28:28,070 --> 00:28:25,409

it's quite interesting I just bought

637

00:28:31,759 --> 00:28:28,080

some really maybe you'd like to apply

638

00:28:34,220 --> 00:28:31,769

for our \$100,000 challenge 100,000 for

639

00:28:36,860 --> 00:28:34,230

dowsing but people do it all the time

640

00:28:38,990 --> 00:28:36,870

well if you can do it under agreed

641

00:28:41,629 --> 00:28:39,000

conditions will give you a check for a

642

00:28:47,000 --> 00:28:41,639

hundred thousand dollars thanks the

643

00:28:48,710 --> 00:28:47,010

money is as good as mine finally a lot

644

00:28:51,200 --> 00:28:48,720

of people are surprised that they're

645

00:28:53,870 --> 00:28:51,210

strange skeptics offer a a truckload of

646

00:28:56,440 --> 00:28:53,880

money for evidence of the paranormal and

647

00:29:00,259 --> 00:28:56,450

supernatural especially at a paranormal

648

00:29:03,740 --> 00:29:00,269

Expo and this was typical of some of the

649

00:29:08,400 --> 00:29:06,480

there is a room full of psychics here

650

00:29:09,810 --> 00:29:08,410

yes and would be happy to give somebody

651
00:29:11,940 --> 00:29:09,820
a hundred thousand dollars if they can

652
00:29:13,560 --> 00:29:11,950
just do what they claim they can do so

653
00:29:16,800 --> 00:29:13,570
you'd want someone to do something

654
00:29:19,020 --> 00:29:16,810
psychic on the spot hey no we'd work of

655
00:29:21,420 --> 00:29:19,030
them very closely and carefully come up

656
00:29:24,870 --> 00:29:21,430
with in a greed test they can do later

657
00:29:30,060 --> 00:29:24,880
then why hasn't anyone ever won the

658
00:29:32,970 --> 00:29:30,070
prize the fact that nobody has ever won

659
00:29:36,030 --> 00:29:32,980
the prize in over 30 years of Australian

660
00:29:37,920 --> 00:29:36,040
skeptics offering a price says to some

661
00:29:40,080 --> 00:29:37,930
people that we are cheating we have to

662
00:29:43,340 --> 00:29:40,090
be cheating they know psychic ability is

663
00:29:46,050 --> 00:29:43,350

real or their particular claim works and

664

00:29:48,450 --> 00:29:46,060

if we've been testing claims for 30

665

00:29:51,600 --> 00:29:48,460

years plus and having awarded the prize

666

00:29:53,580 --> 00:29:51,610

therefore we the skeptics must be doing

667

00:29:55,710 --> 00:29:53,590

something wrong or cheating although

668

00:29:57,600 --> 00:29:55,720

come up with other excuses like the

669

00:29:59,820 --> 00:29:57,610

spirits won't let this be test at all

670

00:30:01,560 --> 00:29:59,830

you can't test this using science which

671

00:30:04,470 --> 00:30:01,570

we know is the logical fallacy of

672

00:30:06,990 --> 00:30:04,480

special pleading and so on but that's

673

00:30:10,350 --> 00:30:07,000

absolutely common people are initially

674

00:30:11,820 --> 00:30:10,360

very surprised that we have a huge

675

00:30:14,820 --> 00:30:11,830

amount of money to do something that

676

00:30:16,680 --> 00:30:14,830

they think is everyday they're even more

677

00:30:18,570 --> 00:30:16,690

surprised to find out that the money has

678

00:30:21,420 --> 00:30:18,580

never been awarded because nobody has

679

00:30:23,910 --> 00:30:21,430

ever passed their own tests finally they

680

00:30:28,640 --> 00:30:23,920

have to come up with a rationalization

681

00:30:33,990 --> 00:30:32,100

so going along to a spiritual Expo and

682

00:30:37,310 --> 00:30:34,000

New Age Expo the mind-body wallet as we

683

00:30:39,840 --> 00:30:37,320

call it is always a good idea and I

684

00:30:43,290 --> 00:30:39,850

seriously suggest that any skeptics out

685

00:30:46,080 --> 00:30:43,300

there budding skeptics or people have

686

00:30:48,330 --> 00:30:46,090

been at it for a long time it is well

687

00:31:02,529 --> 00:30:48,340

worth your time to go to one of these

688

00:31:08,389 --> 00:31:05,840

hi this is Tim Farley you probably know

689

00:31:11,180 --> 00:31:08,399

me from what's the harm net a catalog of

690

00:31:13,490 --> 00:31:11,190

the real world harm caused by lack of

691

00:31:16,669 --> 00:31:13,500

critical thinking but that's not my only

692

00:31:19,580 --> 00:31:16,679

project i present at skeptic events I

693

00:31:21,830 --> 00:31:19,590

post a daily skeptic history fact on

694

00:31:24,289 --> 00:31:21,840

Twitter and Facebook and I blog about

695

00:31:27,470 --> 00:31:24,299

using new techniques on the internet to

696

00:31:30,950 --> 00:31:27,480

advance skepticism come over to skip

697

00:31:34,070 --> 00:31:30,960

tools com and check out my latest ideas

698

00:31:45,040 --> 00:31:34,080

but first enjoy the rest of the skeptic

699

00:31:51,800 --> 00:31:48,830

and joining me now on the line from

700

00:31:53,180 --> 00:31:51,810

cannibal town now I reckoned a Campbell

701
00:31:54,680 --> 00:31:53,190
towns one of the most haunted places in

702
00:31:56,660 --> 00:31:54,690
Australia but I'm sure our guests can

703
00:31:59,120 --> 00:31:56,670
tell us about that it's timothy graham

704
00:32:01,280 --> 00:31:59,130
hello Timothy hi Whitson thanks for

705
00:32:03,890 --> 00:32:01,290
having me on not a problem not a problem

706
00:32:05,870 --> 00:32:03,900
I'm very interested to talk with you

707
00:32:08,570 --> 00:32:05,880
because of a number of reasons one is we

708
00:32:10,700 --> 00:32:08,580
have a lot of common ground the skeptics

709
00:32:13,750 --> 00:32:10,710
and the atheist and we'll get to that

710
00:32:17,270 --> 00:32:13,760
soon but also I like to encourage

711
00:32:19,040 --> 00:32:17,280
podcasts that are really at heart like

712
00:32:20,780 --> 00:32:19,050
the skeptic zone devoted to critical

713
00:32:24,170 --> 00:32:20,790

thinking and rational thinking what

714

00:32:27,710 --> 00:32:24,180

brought about that your your podcast our

715

00:32:29,510 --> 00:32:27,720

podcast the atheist hour is a podcast

716

00:32:31,790 --> 00:32:29,520

have been focusing on outreach to the

717

00:32:34,850 --> 00:32:31,800

Atheist community for all of us we

718

00:32:36,050 --> 00:32:34,860

entered the community from a number of

719

00:32:38,240 --> 00:32:36,060

different areas number of different

720

00:32:42,530 --> 00:32:38,250

backgrounds and when we started out in

721

00:32:43,820 --> 00:32:42,540

the community it was touch and go as to

722

00:32:46,580 --> 00:32:43,830

where the people might actually turn up

723

00:32:49,190 --> 00:32:46,590

to meetings it's kind of a daunting task

724

00:32:50,540 --> 00:32:49,200

to turn up and so this provides a way

725

00:32:52,790 --> 00:32:50,550

for people to get involved without

726

00:32:54,440 --> 00:32:52,800

having to actually show their face and

727

00:32:56,930 --> 00:32:54,450

feel that intimidation it's quite a nice

728

00:33:00,740 --> 00:32:56,940

way to extend that community feeling

729

00:33:03,530 --> 00:33:00,750

that we have we also like to promote a

730

00:33:04,670 --> 00:33:03,540

sense of skepticism with our podcast and

731

00:33:06,800 --> 00:33:04,680

without group it's one of those things

732

00:33:09,410 --> 00:33:06,810

that the skeptics community has in

733

00:33:11,120 --> 00:33:09,420

common with the Atheist movement is this

734

00:33:12,830 --> 00:33:11,130

promotion of science of reason of

735

00:33:14,540 --> 00:33:12,840

rational thinking when with approach

736

00:33:17,750 --> 00:33:14,550

approach to knowledge and epistemology

737

00:33:19,820 --> 00:33:17,760

and generally believed claims it's one

738

00:33:23,270 --> 00:33:19,830

of those things we like to have evidence

739

00:33:25,370 --> 00:33:23,280

for what we believe absolutely and of

740

00:33:29,020 --> 00:33:25,380

course at heart as I said before we both

741

00:33:31,760 --> 00:33:29,030

are interested in science and reason

742

00:33:34,190 --> 00:33:31,770

although obviously in slightly different

743

00:33:36,140 --> 00:33:34,200

spheres of that but one area which is a

744

00:33:38,270 --> 00:33:36,150

huge crossover for us I would suspect

745

00:33:40,310 --> 00:33:38,280

and we were just having a chat about

746

00:33:42,740 --> 00:33:40,320

this before in one area which is in

747

00:33:45,350 --> 00:33:42,750

Australia I'm pleased to say at least is

748

00:33:47,090 --> 00:33:45,360

sort of fading into history is that of

749

00:33:49,310 --> 00:33:47,100

creationism and I'm sure you've got some

750

00:33:51,500 --> 00:33:49,320

pretty strong views about the religious

751
00:33:54,560 --> 00:33:51,510
teaching of creationism in schools

752
00:33:56,630 --> 00:33:54,570
we do indeed we are strongly opposed to

753
00:33:57,890 --> 00:33:56,640
creations and being taught not so much

754
00:33:59,660 --> 00:33:57,900
in the schools but in the science

755
00:34:01,820 --> 00:33:59,670
classrooms if a school wants to teach

756
00:34:03,230 --> 00:34:01,830
creationism as part of a religious

757
00:34:06,080 --> 00:34:03,240
doctrine we're all for that we think

758
00:34:08,360 --> 00:34:06,090
that education on all religious beliefs

759
00:34:12,020 --> 00:34:08,370
should be an essential part of a

760
00:34:13,639 --> 00:34:12,030
holistic education that anyone has but

761
00:34:15,889 --> 00:34:13,649
when it comes to teaching it in the

762
00:34:19,220 --> 00:34:15,899
science classrooms it has to go it can't

763
00:34:21,320 --> 00:34:19,230

be tolerated that's been our stands for

764

00:34:22,850 --> 00:34:21,330

many years in fact from the very early

765

00:34:24,649 --> 00:34:22,860

days of the Australian skeptics way back

766

00:34:27,020 --> 00:34:24,659

in nineteen eighty nineteen eighty one

767

00:34:30,470 --> 00:34:27,030

it was one of the very early topics that

768

00:34:33,350 --> 00:34:30,480

we were we were covering we are glad to

769

00:34:36,320 --> 00:34:33,360

see that this is more or less dying in

770

00:34:39,169 --> 00:34:36,330

this country is that as a real threat to

771

00:34:41,210 --> 00:34:39,179

the mental health of students we might

772

00:34:42,530 --> 00:34:41,220

say but certainly in our state of New

773

00:34:45,919 --> 00:34:42,540

South Wales there is an interesting

774

00:34:47,680 --> 00:34:45,929

ongoing situation with school chaplains

775

00:34:51,350 --> 00:34:47,690

and things like that what's what's your

776

00:34:53,330 --> 00:34:51,360

view on that I think our views are

777

00:34:56,030 --> 00:34:53,340

fairly well aligned in there so from

778

00:34:57,470 --> 00:34:56,040

what I've been listening to with regards

779

00:35:00,410 --> 00:34:57,480

to your podcast and the skeptics

780

00:35:02,330 --> 00:35:00,420

community we both seem to be rather

781

00:35:04,610 --> 00:35:02,340

opposed to the chaplaincy program the

782

00:35:06,830 --> 00:35:04,620

state funding of chaplains and other

783

00:35:09,470 --> 00:35:06,840

religious doctrines and institutions

784

00:35:11,030 --> 00:35:09,480

they sort of goes against that idea of

785

00:35:12,800 --> 00:35:11,040

separation of church and state which i

786

00:35:15,860 --> 00:35:12,810

think is essential for the freedom of

787

00:35:18,950 --> 00:35:15,870

belief that we all would like to have in

788

00:35:20,360 --> 00:35:18,960

a society but it's also a bit daunting

789

00:35:22,550 --> 00:35:20,370

to see the new south wales is going

790

00:35:26,120 --> 00:35:22,560

backwards recently worse Victoria has

791

00:35:28,700 --> 00:35:26,130

been progressing and that comparison has

792

00:35:30,290 --> 00:35:28,710

been quite illuminating for the problems

793

00:35:31,910 --> 00:35:30,300

we face in New South Wales not just with

794

00:35:33,410 --> 00:35:31,920

the chaplaincy program being implemented

795

00:35:36,650 --> 00:35:33,420

and being supported by the government

796

00:35:39,860 --> 00:35:36,660

but the removal of the primary ethics

797

00:35:42,230 --> 00:35:39,870

course as a easy pathway to take for

798

00:35:43,550 --> 00:35:42,240

students yeah you're absolutely right

799

00:35:46,820 --> 00:35:43,560

that's been something that we've been

800

00:35:48,350 --> 00:35:46,830

certainly burb looking at over the last

801
00:35:50,180 --> 00:35:48,360
little while it seems to me there's a

802
00:35:53,090 --> 00:35:50,190
lot of what we might call horse trading

803
00:35:54,590 --> 00:35:53,100
going on in our state parliament because

804
00:35:56,810 --> 00:35:54,600
we've got a member of parliament who's

805
00:35:58,710 --> 00:35:56,820
been in there forever the Reverend Fred

806
00:36:02,280 --> 00:35:58,720
Nile who

807
00:36:05,220 --> 00:36:02,290
met on one occasion some years back and

808
00:36:07,470 --> 00:36:05,230
he told me about little demons who

809
00:36:09,930 --> 00:36:07,480
infest people so that sort of sums him

810
00:36:12,000 --> 00:36:09,940
up a little bit he's largely laughed at

811
00:36:14,310 --> 00:36:12,010
in this country but he does have power

812
00:36:15,960 --> 00:36:14,320
in the New South Wales Government and I

813
00:36:18,960 --> 00:36:15,970

think it's the horse trading with his

814

00:36:22,560 --> 00:36:18,970

power his party that a lot of

815

00:36:24,630 --> 00:36:22,570

politicians have to face it is it's

816

00:36:26,700 --> 00:36:24,640

shocking that someone who's an elected

817

00:36:28,920 --> 00:36:26,710

official was has those views of little

818

00:36:31,680 --> 00:36:28,930

demons in that particular in this day

819

00:36:34,230 --> 00:36:31,690

and age but I don't disagree at all that

820

00:36:38,370 --> 00:36:34,240

it's there's been some backdoor trading

821

00:36:39,960 --> 00:36:38,380

going on between 0 premier and the

822

00:36:41,849 --> 00:36:39,970

Christian Democratic Party has something

823

00:36:43,020 --> 00:36:41,859

we'd love to put the wood out and make

824

00:36:45,839 --> 00:36:43,030

people realize that this is actually

825

00:36:48,089 --> 00:36:45,849

going on and it affects not just

826

00:36:50,990 --> 00:36:48,099

students but people in general with the

827

00:36:54,480 --> 00:36:51,000

policies after face day today it's yeah

828

00:36:57,210 --> 00:36:54,490

it's right and it does it does affect us

829

00:36:58,620 --> 00:36:57,220

students across all of our state of New

830

00:37:00,810 --> 00:36:58,630

South Wales that this sort of thing is

831

00:37:03,510 --> 00:37:00,820

going on and again it's an area that I

832

00:37:07,109 --> 00:37:03,520

think that we would have in common now

833

00:37:09,180 --> 00:37:07,119

just before we go on let's get the if

834

00:37:13,140 --> 00:37:09,190

people aren't interested let's get the

835

00:37:20,160 --> 00:37:13,150

URL of the podcast at the moment which

836

00:37:21,450 --> 00:37:20,170

is I believe wwd EV en te net but that

837

00:37:23,910 --> 00:37:21,460

might change but at the moment that's

838

00:37:25,920 --> 00:37:23,920

the best place people can go yeah that's

839

00:37:28,500 --> 00:37:25,930

true we also I've run off some of the

840

00:37:30,540 --> 00:37:28,510

podcast directors like iTunes speaker

841

00:37:32,099 --> 00:37:30,550

stitch we want a number of them easy to

842

00:37:34,620 --> 00:37:32,109

find a few search for the atheists our

843

00:37:37,560 --> 00:37:34,630

now let's talk about the podcast itself

844

00:37:40,200 --> 00:37:37,570

has been going since May how often do

845

00:37:42,210 --> 00:37:40,210

you like to get episodes out our aim is

846

00:37:45,120 --> 00:37:42,220

to get el podcasts episodes out every

847

00:37:47,040 --> 00:37:45,130

two weeks we have fallen behind as it

848

00:37:48,089 --> 00:37:47,050

happens with scheduling so it falls to

849

00:37:50,970 --> 00:37:48,099

three weeks every now and again but

850

00:37:53,160 --> 00:37:50,980

we've had a Philly good consistency and

851
00:37:55,820 --> 00:37:53,170
getting them out on time with a regular

852
00:37:59,099 --> 00:37:55,830
nature and how how long does your

853
00:38:01,140 --> 00:37:59,109
typical show last the Tabuk show last

854
00:38:03,300 --> 00:38:01,150
from about 50 minutes to an hour and 20

855
00:38:05,390 --> 00:38:03,310
rotate depending on how much news

856
00:38:07,500 --> 00:38:05,400
there's been in the last cycle how many

857
00:38:09,089 --> 00:38:07,510
stories we've had if we have a new guest

858
00:38:11,190 --> 00:38:09,099
and hey have a particular story they

859
00:38:12,570 --> 00:38:11,200
like to talk about that's always

860
00:38:14,460 --> 00:38:12,580
interesting to hear someone's

861
00:38:18,300 --> 00:38:14,470
background and how they got through the

862
00:38:20,970 --> 00:38:18,310
sort of the atheists journey speak to

863
00:38:22,770 --> 00:38:20,980

where they are now and we also have had

864

00:38:25,380 --> 00:38:22,780

a couple of debates one of which was

865

00:38:27,600 --> 00:38:25,390

over Deepak Chopra which was quite an

866

00:38:32,610 --> 00:38:27,610

existing discussion but worth a listen

867

00:38:34,590 --> 00:38:32,620

oh he's a funny guy he's a funny man so

868

00:38:35,970 --> 00:38:34,600

I'm just a very interested when I hear

869

00:38:37,560 --> 00:38:35,980

about how other people conduct their

870

00:38:39,150 --> 00:38:37,570

podcast now when you're doing interviews

871

00:38:42,300 --> 00:38:39,160

do you like to do them live what do you

872

00:38:43,800 --> 00:38:42,310

do them over skype I where as it happens

873

00:38:45,540 --> 00:38:43,810

we're doing this interview over Skype

874

00:38:48,510 --> 00:38:45,550

ins working quite well what's your

875

00:38:51,120 --> 00:38:48,520

what's your operation being so far so

876
00:38:53,430 --> 00:38:51,130
far interviews have been done in person

877
00:38:55,080 --> 00:38:53,440
we like to keep it rather informal

878
00:38:57,870 --> 00:38:55,090
nature sort of if there's a mistake that

879
00:39:00,090 --> 00:38:57,880
goes into the podcast it goes out more

880
00:39:02,010 --> 00:39:00,100
or less it's like that sort of the rough

881
00:39:04,320 --> 00:39:02,020
honesty to goes with it not to mention

882
00:39:06,300 --> 00:39:04,330
the fact that I do produce at the other

883
00:39:09,060 --> 00:39:06,310
end and it means significantly less work

884
00:39:11,760 --> 00:39:09,070
for me true but I like to think that

885
00:39:14,670 --> 00:39:11,770
those sort of mistakes as something that

886
00:39:15,930 --> 00:39:14,680
people can get on board with it

887
00:39:17,970 --> 00:39:15,940
something they experience themselves

888
00:39:20,130 --> 00:39:17,980

when having discussions they might have

889

00:39:22,320 --> 00:39:20,140

drained farts they might have little

890

00:39:24,810 --> 00:39:22,330

mistakes if we have that it goes out

891

00:39:27,750 --> 00:39:24,820

it's all part and parcel but welcomes

892

00:39:29,550 --> 00:39:27,760

interviews it's relaxed its informal but

893

00:39:31,740 --> 00:39:29,560

it's we try to keep it informative and

894

00:39:35,310 --> 00:39:31,750

with a nice flow I can I can appreciate

895

00:39:37,620 --> 00:39:35,320

that but I must tell you that sometimes

896

00:39:39,390 --> 00:39:37,630

I let little things like that go through

897

00:39:42,530 --> 00:39:39,400

on the skeptic zone but quite often I'll

898

00:39:45,480 --> 00:39:42,540

get the editing knife out and make sure

899

00:39:46,800 --> 00:39:45,490

sometimes I have to I tell you what

900

00:39:48,390 --> 00:39:46,810

sometimes I have to focus when

901
00:39:50,640 --> 00:39:48,400
especially when i'm doing an interview

902
00:39:54,480 --> 00:39:50,650
like this one now or I'm introducing the

903
00:39:57,630 --> 00:39:54,490
show and a great big plane comes over or

904
00:39:59,460 --> 00:39:57,640
something like that so well look I wish

905
00:40:01,920 --> 00:39:59,470
you all the best with the podcast it's

906
00:40:04,320 --> 00:40:01,930
I'm sure it's of great interest to the

907
00:40:06,660 --> 00:40:04,330
Atheist community worldwide worldwide

908
00:40:11,580 --> 00:40:06,670
because all podcasts are of course

909
00:40:14,970 --> 00:40:11,590
worldwide that URL once again www de ven

910
00:40:17,130 --> 00:40:14,980
te net and before you go are you going

911
00:40:19,230 --> 00:40:17,140
to go out one night and see if you can

912
00:40:21,090 --> 00:40:19,240
find fishes ghost the famous ghost of

913
00:40:22,530 --> 00:40:21,100

campbelltown I've been meaning to do

914

00:40:24,450 --> 00:40:22,540

that for a long time now I keep hearing

915

00:40:25,770 --> 00:40:24,460

about and hearing about it and I think

916

00:40:26,400 --> 00:40:25,780

it's on a list and i'll get it done in

917

00:40:28,589 --> 00:40:26,410

the next few

918

00:40:30,210 --> 00:40:28,599

it's no doubt i'm sure the ghost will

919

00:40:32,579 --> 00:40:30,220

still be waiting for you no matter how

920

00:40:35,819 --> 00:40:32,589

long it takes if not i'm so people keep

921

00:40:38,099 --> 00:40:35,829

telling me time and time again i'm sure

922

00:40:40,260 --> 00:40:38,109

they will but for now timothy graham

923

00:40:55,589 --> 00:40:40,270

from the atheist hour thank you very

924

00:40:57,630 --> 00:40:55,599

much thanks for having me good crashbug

925

00:40:59,549 --> 00:40:57,640

a boardwalk a skeptic wish to shock a

926

00:41:02,099 --> 00:40:59,559

desolate it's a skeptic we sell visit a

927

00:41:04,260 --> 00:41:02,109

quelle go by tana channel Garnica meet

928

00:41:05,880 --> 00:41:04,270

the skeptics on podcast target or vision

929

00:41:07,529 --> 00:41:05,890

heritage from tasha hunter to decide to

930

00:41:09,960 --> 00:41:07,539

do manual control to shuttle ago she

931

00:41:13,109 --> 00:41:09,970

touched a critical gondola station on

932

00:41:14,460 --> 00:41:13,119

its elucidation i said at least 20 and

933

00:41:16,470 --> 00:41:14,470

then we can shake member travelin

934

00:41:18,539 --> 00:41:16,480

coca-cola taught or dvd upon skeptic who

935

00:41:21,359 --> 00:41:18,549

starts a shark 1 2 which is info @

936

00:41:22,589 --> 00:41:21,369

skeptic wish bone man tova by alan

937

00:41:25,349 --> 00:41:22,599

video i made the facebook laudanum

938

00:41:27,660 --> 00:41:25,359

cottage amita facebook.com / skeptical

939

00:41:32,700 --> 00:41:27,670

star shakti natales volume into our

940

00:41:34,829 --> 00:41:32,710

insulated dharamdas van aken hi this is

941

00:41:36,839 --> 00:41:34,839

garba raas co-president of the hungarian

942

00:41:38,160 --> 00:41:36,849

skeptics society and chairman of the

943

00:41:41,069 --> 00:41:38,170

european council of skeptical

944

00:41:43,410 --> 00:41:41,079

organizations a solicitor of the skeptic

945

00:41:45,359 --> 00:41:43,420

zone you probably agree that educating

946

00:41:48,420 --> 00:41:45,369

others about to the science and critical

947

00:41:50,010 --> 00:41:48,430

thinking is an important task if you are

948

00:41:51,779 --> 00:41:50,020

eager to take part in either of these

949

00:41:55,549 --> 00:41:51,789

activities we would be happy to hear

950

00:42:01,079 --> 00:41:55,559

from you don't hesitate to contact us at

951
00:42:02,970 --> 00:42:01,089
www.skype.com for at skeptical hu they

952
00:42:05,700 --> 00:42:02,980
also recommend you visiting our Facebook

953
00:42:09,319 --> 00:42:05,710
page skeptic gustaria shot or simply

954
00:42:22,439 --> 00:42:09,329
come and join us at one of our events

955
00:42:27,489 --> 00:42:24,849
thank you for listening to the skeptic

956
00:42:29,400 --> 00:42:27,499
zone and thank you everybody stuck with

957
00:42:34,029 --> 00:42:29,410
the zone for all these years seven years

958
00:42:36,069 --> 00:42:34,039
launching entire eighth year Wow and

959
00:42:38,079 --> 00:42:36,079
thank you to all the reporters over the

960
00:42:41,169 --> 00:42:38,089
years who have come and gone my current

961
00:42:42,999 --> 00:42:41,179
reporters thank you to all the people

962
00:42:45,400 --> 00:42:43,009
the skeptic zone has interviewed over

963
00:42:48,370 --> 00:42:45,410

the years must be hundreds by now the

964

00:42:50,289 --> 00:42:48,380

show does depend on listeners and there

965

00:42:51,640 --> 00:42:50,299

would be no skeptic zoned if it wasn't

966

00:42:53,589 --> 00:42:51,650

for the generosity of listeners

967

00:42:56,109 --> 00:42:53,599

especially those who chip in a little

968

00:43:00,429 --> 00:42:56,119

bit each month and you can do that via

969

00:43:03,400 --> 00:43:00,439

paypal at skeptic zone TV just click the

970

00:43:05,739 --> 00:43:03,410

subscribe link and thank you too Fred

971

00:43:07,809 --> 00:43:05,749

the cat for being by my side for the

972

00:43:10,019 --> 00:43:07,819

past seven years doing the show and

973

00:43:12,459 --> 00:43:10,029

Adele who left us a few years ago to

974

00:43:14,259 --> 00:43:12,469

coming up next week on the skeptics own

975

00:43:18,519 --> 00:43:14,269

we still have some may notice I meant to

976

00:43:20,259 --> 00:43:18,529

play are some Maynard this week from a

977

00:43:23,469 --> 00:43:20,269

few weeks ago at the Australian Museum

978

00:43:24,759 --> 00:43:23,479

show got a little bit a little bit busy

979

00:43:27,130 --> 00:43:24,769

this week so we're going to have that

980

00:43:29,469 --> 00:43:27,140

next week also I hope to have some more

981

00:43:32,319 --> 00:43:29,479

raw skeptic with Heidi Robertson next

982

00:43:34,689 --> 00:43:32,329

week as well but for this week and thank

983

00:43:36,759 --> 00:43:34,699

you once again for seven truly

984

00:43:39,039 --> 00:43:36,769

interesting and unforgettable years this

985

00:43:45,159 --> 00:43:39,049

is Richard Saunders signing off from

986

00:43:47,649 --> 00:43:45,169

Sydney Australia you've been listening

987

00:43:51,189 --> 00:43:47,659

to the skeptics own podcast visit our

988

00:43:53,439 --> 00:43:51,199

website at wwc a petting zoo TV for

989

00:43:57,849 --> 00:43:53,449

contacts and archive of all episodes

990

00:43:59,979 --> 00:43:57,859

since 2008 and our online store please

991

00:44:03,309 --> 00:43:59,989

support the skeptic zone by following us

992

00:44:06,299 --> 00:44:03,319

on twitter at skeptic zone liking us on

993

00:44:08,679 --> 00:44:06,309

facebook and leaving a review on iTunes

994

00:44:11,319 --> 00:44:08,689

you can also show your support by

995

00:44:15,069 --> 00:44:11,329

subscribing via paypal for as little as

996

00:44:17,289 --> 00:44:15,079

99 cents a week the skeptic zone is an

997

00:44:19,209 --> 00:44:17,299

independent production the views and

998

00:44:21,399 --> 00:44:19,219

opinions expressed on the skeptic zone

999

00:44:24,279 --> 00:44:21,409

and not necessarily those of Australian

1000

00:44:33,680 --> 00:44:24,289

skeptically or any other skeptical

1001

00:44:41,270 --> 00:44:37,230

did it to the true this is joe during

1002

00:44:46,830 --> 00:44:41,280

the script dude it did it to do did you

1003

00:44:51,060 --> 00:44:46,840

do did it do to do to do did it fit

1004

00:44:55,260 --> 00:44:51,070

visitor to do it's the cherry recording

1005

00:44:58,290 --> 00:44:55,270

I'm gonna sit goodness past 130 am I've

1006

00:45:00,660 --> 00:44:58,300

been up baking I having a picnic

1007

00:45:06,320 --> 00:45:00,670

tomorrow I met some muffins and some

1008

00:45:11,040 --> 00:45:06,330

zucchini loaf did it do to do to do

1009

00:45:15,300 --> 00:45:11,050

deleted it elicited to do did it did it

1010

00:45:20,120 --> 00:45:15,310

did you to do did it did it did it lead

1011

00:45:24,750 --> 00:45:20,130

you to do did it lit little it it to do