

**The Skeptic Zone
Show 360 18 Oct 2015**



The Skeptic Zone Table

1
00:00:22,550 --> 00:00:09,080
welcome to the skeptic zone the podcast

2
00:00:27,389 --> 00:00:25,499
my pleasure now the the last Speaker of

3
00:00:30,209 --> 00:00:27,399
the day before we sort of adjourn for

4
00:00:32,880 --> 00:00:30,219
the the entertainment later at seven

5
00:00:34,399 --> 00:00:32,890
o'clock is mr. Richard Saunders and he's

6
00:00:35,819 --> 00:00:34,409
going to be talking to us about his

7
00:00:37,860 --> 00:00:35,829
experience in the million-dollar

8
00:00:43,250 --> 00:00:37,870
challenge which is a really cool topic

9
00:00:45,509 --> 00:00:43,260
so hello thank you very much everybody

10
00:00:47,430 --> 00:00:45,519
what a pleasure it is to be here in

11
00:00:49,860 --> 00:00:47,440
Brisbane I can't wait for the convention

12
00:00:52,770 --> 00:00:49,870
i love conventions as many of you know I

13
00:00:54,149 --> 00:00:52,780

try to go to as many as I can all over

14

00:00:56,789 --> 00:00:54,159

the world I have a wonderful time I

15

00:00:59,579 --> 00:00:56,799

always meet the best people it's typical

16

00:01:01,140 --> 00:00:59,589

conventions now you might indulge me for

17

00:01:03,090 --> 00:01:01,150

a moment ladies and gentlemen I'm going

18

00:01:06,030 --> 00:01:03,100

to take this opportunity before I talked

19

00:01:08,760 --> 00:01:06,040

about the million-dollar challenge to do

20

00:01:10,380 --> 00:01:08,770

a little introduction for my podcast the

21

00:01:16,980 --> 00:01:10,390

skeptic zone with the help of may not

22

00:01:27,600 --> 00:01:16,990

everybody so you're going to ham it up

23

00:01:32,760 --> 00:01:27,610

for me right I feel like teller I see

24

00:01:35,399 --> 00:01:32,770

all right hello and welcome to the

25

00:01:37,890 --> 00:01:35,409

skeptics are an episode number 365 for

26

00:01:43,620 --> 00:01:37,900

the 18th October live from Brisbane

27

00:01:45,450 --> 00:01:43,630

scampi cam what a crap hard of course

28

00:01:46,980 --> 00:01:45,460

skeptics one and all that guy that was

29

00:01:48,870 --> 00:01:46,990

on before no idea what he was talking

30

00:01:49,649 --> 00:01:48,880

about but I was the only person in the

31

00:01:51,960 --> 00:01:49,659

room you didn't know what he was talking

32

00:01:54,260 --> 00:01:51,970

about you people are smart and you love

33

00:01:55,849 --> 00:01:54,270

your Geiger bombs up here

34

00:01:57,230 --> 00:01:55,859

but if you might use a straight that

35

00:01:59,359 --> 00:01:57,240

mean out here in Brisbane for the

36

00:02:01,160 --> 00:01:59,369

skeptic convention folks if you're

37

00:02:02,929 --> 00:02:01,170

coming to convention I trust you all are

38

00:02:04,700 --> 00:02:02,939

may not all be on hand to interview

39

00:02:06,969 --> 00:02:04,710

everybody including you if you want to

40

00:02:09,889 --> 00:02:06,979

come up in the South there another mouth

41

00:02:11,390 --> 00:02:09,899

also in the room my dear friends I have

42

00:02:19,550 --> 00:02:11,400

some other people from the skipping town

43

00:02:21,500 --> 00:02:19,560

Joe alabaster and she does the segment

44

00:02:23,300 --> 00:02:21,510

evidence please Heidi Robertson at the

45

00:02:29,360 --> 00:02:23,310

back of the room I reporter up the hello

46

00:02:30,740 --> 00:02:29,370

Heidi and what a hero she is a minor

47

00:02:32,630 --> 00:02:30,750

heroine a hero whatever you have to say

48

00:02:34,580 --> 00:02:32,640

these days from the Northern Rivers

49

00:02:37,490 --> 00:02:34,590

vaccination supporters group and she

50

00:02:39,650 --> 00:02:37,500

does the the wonderful reports on the

51
00:02:42,350 --> 00:02:39,660
skeptical zone covering many health issues

52
00:02:44,120 --> 00:02:42,360
like that the raw skeptic that's what we

53
00:02:46,940 --> 00:02:44,130
call her report because her first report

54
00:02:48,530 --> 00:02:46,950
was about raw milk in fact we also have

55
00:02:50,300 --> 00:02:48,540
the president of Australian skeptics and

56
00:02:56,410 --> 00:02:50,310
a reporter on the skipping zone Iran seg

57
00:03:00,790 --> 00:02:59,020
so I'm delighted that so many people out

58
00:03:02,410 --> 00:03:00,800
here to join from the skeptical zone and

59
00:03:04,870 --> 00:03:02,420
all over the the country all over the

60
00:03:11,010 --> 00:03:04,880
world for this wonderful convention may

61
00:03:15,160 --> 00:03:13,390
well that was the other night everybody

62
00:03:17,110 --> 00:03:15,170
and now it's the last day of the

63
00:03:20,050 --> 00:03:17,120

convention it's joe alabaster made out

64

00:03:21,699 --> 00:03:20,060

myself at the skeptics own table having

65

00:03:24,280 --> 00:03:21,709

a bit of a breather it's been quite a

66

00:03:27,850 --> 00:03:24,290

convention so far it's been absolutely

67

00:03:29,350 --> 00:03:27,860

fantastic non-stop I've found look it's

68

00:03:30,370 --> 00:03:29,360

been really but I got to talk to Joe

69

00:03:32,410 --> 00:03:30,380

Nickell and that interview will be

70

00:03:34,660 --> 00:03:32,420

coming up in future weeks and we've got

71

00:03:36,400 --> 00:03:34,670

to talk to or bad all the big stuff JFK

72

00:03:38,559 --> 00:03:36,410

the partial palm print on the rifle of

73

00:03:41,590 --> 00:03:38,569

course erich von daniken ancient aliens

74

00:03:43,270 --> 00:03:41,600

all the big ones and i noticed you also

75

00:03:45,940 --> 00:03:43,280

interviewing just about everybody here

76
00:03:47,860 --> 00:03:45,950
with the mouth plus Eugenie Scott which

77
00:03:50,229 --> 00:03:47,870
was looking forward to that a great chat

78
00:03:52,690 --> 00:03:50,239
to her with some of her debates and some

79
00:03:54,370 --> 00:03:52,700
of the biggest biggest opponent she's

80
00:03:56,680 --> 00:03:54,380
had with creationism and Milt Thompson

81
00:03:58,150 --> 00:03:56,690
as well she gave a very moving talk and

82
00:03:59,620 --> 00:03:58,160
I had a chat to her afterwards she was

83
00:04:01,150 --> 00:03:59,630
very forthright and you'll have to be

84
00:04:02,949 --> 00:04:01,160
doing a lot of editing because we swore

85
00:04:04,870 --> 00:04:02,959
a lot of that Richard I'll look out for

86
00:04:07,810 --> 00:04:04,880
that so that's coming up in future weeks

87
00:04:09,250 --> 00:04:07,820
everybody on this week's show my talk

88
00:04:11,380 --> 00:04:09,260

from skeptic camp the other night about

89

00:04:14,080 --> 00:04:11,390

the million-dollar challenge in Las

90

00:04:16,180 --> 00:04:14,090

Vegas plus the announcements of the the

91

00:04:18,250 --> 00:04:16,190

skeptical award including the bent spoon

92

00:04:19,990 --> 00:04:18,260

award that'll be this week's show and in

93

00:04:22,930 --> 00:04:20,000

the future weeks or wealth of interviews

94

00:04:24,909 --> 00:04:22,940

from the convention and I believe your

95

00:04:27,670 --> 00:04:24,919

photographed with the bent spoon award

96

00:04:29,469 --> 00:04:27,680

late last night Joe oh yes there might

97

00:04:31,690 --> 00:04:29,479

have been some skeptical shenanigans

98

00:04:35,469 --> 00:04:31,700

going on rather late after the gala

99

00:04:37,719 --> 00:04:35,479

dinner oh I can't actually say I'll

100

00:04:40,090 --> 00:04:37,729

leave it until the report so you can

101
00:04:42,100 --> 00:04:40,100
find out if you don't already know who

102
00:04:44,110 --> 00:04:42,110
won the bent spoon award but it was

103
00:04:46,450 --> 00:04:44,120
somebody who has a bit of a venue in

104
00:04:48,070 --> 00:04:46,460
Sydney and the bent spoon might have

105
00:04:50,560 --> 00:04:48,080
been carried to the venue and there may

106
00:04:52,330 --> 00:04:50,570
have been selfies go there you go

107
00:04:55,450 --> 00:04:52,340
skeptical shenanigans all around

108
00:04:57,190 --> 00:04:55,460
Brisbane okay folks so while we continue

109
00:04:58,960 --> 00:04:57,200
to take a breather we might run over

110
00:05:01,120 --> 00:04:58,970
there and grab the last of the the

111
00:05:03,219 --> 00:05:01,130
biggies Oh on offer I think I don't

112
00:05:05,320 --> 00:05:03,229
forget the biggies the bananas are the

113
00:05:06,339 --> 00:05:05,330

hot go here if you see the bananas come

114

00:05:09,660 --> 00:05:06,349

out you go for them because they

115

00:05:12,990 --> 00:05:09,670

disappear really quick just coffee

116

00:05:33,290 --> 00:05:13,000

p why we do that we hope you enjoy the

117

00:05:38,250 --> 00:05:36,780

in both situations in a million dollar

118

00:05:40,560 --> 00:05:38,260

challenge for the James Randi

119

00:05:44,550 --> 00:05:40,570

Educational Foundation \$100,000 counting

120

00:05:47,640 --> 00:05:44,560

here it's the same motivation behind it

121

00:05:49,920 --> 00:05:47,650

we're giving people the opportunity who

122

00:05:53,190 --> 00:05:49,930

make claims of a paranormal or pseudo

123

00:05:57,570 --> 00:05:53,200

scientific nature to prove it for us or

124

00:06:00,000 --> 00:05:57,580

to prove it in general it is not there

125

00:06:03,150 --> 00:06:00,010

to make fools of people it's not there

126

00:06:05,820 --> 00:06:03,160

to disprove people's claims a lot of the

127

00:06:08,490 --> 00:06:05,830

media and other people in general think

128

00:06:13,530 --> 00:06:08,500

that's why we have these challenges it's

129

00:06:15,180 --> 00:06:13,540

not and one of my stock standard replies

130

00:06:18,720 --> 00:06:15,190

the journalists and people like that is

131

00:06:21,090 --> 00:06:18,730

well of course we'd love for somebody to

132

00:06:22,710 --> 00:06:21,100

come along and win a hundred thousand

133

00:06:24,240 --> 00:06:22,720

dollars from us and prove their

134

00:06:25,710 --> 00:06:24,250

paranormal ability prove their

135

00:06:28,770 --> 00:06:25,720

pseudo-scientific ability whatever it

136

00:06:31,560 --> 00:06:28,780

may be and I say to them imagine what I

137

00:06:33,510 --> 00:06:31,570

could milk out of that personally being

138

00:06:35,100 --> 00:06:33,520

part of the people who have made an

139

00:06:37,350 --> 00:06:35,110

incredible breakthrough for science I

140

00:06:40,050 --> 00:06:37,360

can run to new idea who love psychics or

141

00:06:42,140 --> 00:06:40,060

whatever it is channel 7 morning TV

142

00:06:45,090 --> 00:06:42,150

shows I could probably name my own price

143

00:06:46,830 --> 00:06:45,100

so when they say oh you wouldn't give

144

00:06:49,260 --> 00:06:46,840

that money away so well yes I would

145

00:06:50,640 --> 00:06:49,270

precisely if I was unscrupulous or

146

00:06:53,850 --> 00:06:50,650

whatever the case may be I would get a

147

00:06:57,060 --> 00:06:53,860

lot more money back the notoriety alone

148

00:06:59,400 --> 00:06:57,070

and but but getting back to the boom for

149

00:07:01,770 --> 00:06:59,410

science imagine if we could conclusively

150

00:07:05,370 --> 00:07:01,780

demonstrate somebody had a telepathic

151

00:07:07,290 --> 00:07:05,380

ability it would just be indescribable

152

00:07:09,840 --> 00:07:07,300

what that would mean for science around

153

00:07:13,680 --> 00:07:09,850

the world so the money is there is a

154

00:07:16,320 --> 00:07:13,690

genuine offer for people to come and

155

00:07:18,510 --> 00:07:16,330

show show us their stuff because at the

156

00:07:21,150 --> 00:07:18,520

end of the day we can't say people don't

157

00:07:23,520 --> 00:07:21,160

have these amazing abilities we could

158

00:07:25,110 --> 00:07:23,530

doubt it after years of looking for

159

00:07:27,390 --> 00:07:25,120

these abilities and finding nothing we

160

00:07:30,180 --> 00:07:27,400

can sincerely doubt it with good reason

161

00:07:32,010 --> 00:07:30,190

but imagine if somebody did and that's

162

00:07:33,719 --> 00:07:32,020

why when we construct our test here at

163

00:07:36,510 --> 00:07:33,729

australian skeptics and Athiya James

164

00:07:38,969 --> 00:07:36,520

Randi Educational Foundation we do it as

165

00:07:41,760 --> 00:07:38,979

fairly and honestly and openly as

166

00:07:44,610 --> 00:07:41,770

possible in the hopes that maybe

167

00:07:45,990 --> 00:07:44,620

somebody can can come up with a good let

168

00:07:48,710 --> 00:07:46,000

me go over some of the ones that I've

169

00:07:51,870 --> 00:07:48,720

been involved with over the recent years

170

00:07:54,960 --> 00:07:51,880

starting a number of years back in Las

171

00:07:58,950 --> 00:07:54,970

Vegas we tested a man by the name of

172

00:08:02,640 --> 00:07:58,960

Andrew needles now mr. needles wrote to

173

00:08:05,760 --> 00:08:02,650

me in Australia round about two thousand

174

00:08:08,070 --> 00:08:05,770

and ten or eleven because he had seen

175

00:08:10,560 --> 00:08:08,080

and heard on media reports what I had

176

00:08:12,659 --> 00:08:10,570

done a few years earlier with the power

177

00:08:14,520 --> 00:08:12,669

balance bands some of you may remember

178

00:08:16,200 --> 00:08:14,530

these were the wristbands that gave you

179

00:08:19,490 --> 00:08:16,210

extra power and strength and everything

180

00:08:22,439 --> 00:08:19,500

I was invited to go on today tonight

181

00:08:25,200 --> 00:08:22,449

with the Australian distributor we did a

182

00:08:28,409 --> 00:08:25,210

series of tests he failed five out of

183

00:08:30,089 --> 00:08:28,419

five tests the snowball effect of him

184

00:08:33,240 --> 00:08:30,099

failing led to it eventually to the

185

00:08:35,190 --> 00:08:33,250

downfall of the company however this man

186

00:08:37,560 --> 00:08:35,200

Andrew needles Ian invented something

187

00:08:39,120 --> 00:08:37,570

vaguely similar it had a few little

188

00:08:40,769 --> 00:08:39,130

electronic bits in it but it was a

189

00:08:42,000 --> 00:08:40,779

wristband that increased your balance

190

00:08:46,440 --> 00:08:42,010

and your strength and everything else

191

00:08:48,090 --> 00:08:46,450

and he wrote to me because if he wanted

192

00:08:51,150 --> 00:08:48,100

to convince anybody he should convince

193

00:08:53,670 --> 00:08:51,160

me the guy who sort of undid the power

194

00:08:56,250 --> 00:08:53,680

balance and I said well this is very

195

00:08:57,720 --> 00:08:56,260

interesting why don't we contact the

196

00:08:59,940 --> 00:08:57,730

James Randi people and we can have a

197

00:09:01,949 --> 00:08:59,950

live demonstration and tested Las Vegas

198

00:09:04,530 --> 00:09:01,959

and Andrew needles jumped at the chance

199

00:09:06,510 --> 00:09:04,540

he thought it was tremendous and here's

200

00:09:08,490 --> 00:09:06,520

a red flag for us I don't red flag is

201
00:09:10,980 --> 00:09:08,500
not maybe the term here's an indication

202
00:09:12,269 --> 00:09:10,990
for us and in fact most of the people if

203
00:09:17,220 --> 00:09:12,279
not all the people i'm going to discuss

204
00:09:19,500 --> 00:09:17,230
I genuine they sincerely believe in

205
00:09:23,310 --> 00:09:19,510
their ability or their product they're

206
00:09:25,890 --> 00:09:23,320
not tricky peopled out to scammers the

207
00:09:26,940 --> 00:09:25,900
guy who in Australia his name eludes me

208
00:09:29,610 --> 00:09:26,950
for the moment hoop with the power

209
00:09:32,250 --> 00:09:29,620
balance now I just can't have his name

210
00:09:34,380 --> 00:09:32,260
when I met him and I've had a lot of

211
00:09:36,420 --> 00:09:34,390
experience for these people it dawned on

212
00:09:38,610 --> 00:09:36,430
me that he really sincerely believed in

213
00:09:39,900 --> 00:09:38,620

the product another indication was he

214

00:09:41,610 --> 00:09:39,910

was willing to come on T

215

00:09:44,100 --> 00:09:41,620

me and be tested because as far as he

216

00:09:48,330 --> 00:09:44,110

was concerned the product worked and it

217

00:09:51,000 --> 00:09:48,340

would be great on TV his name might come

218

00:09:53,670 --> 00:09:51,010

to be a bit later on this was the case

219

00:09:56,310 --> 00:09:53,680

with Andrew needles so eventually after

220

00:09:58,770 --> 00:09:56,320

lots of correspondence and Andrew needle

221

00:10:00,180 --> 00:09:58,780

sent me an example of his wristband

222

00:10:01,800 --> 00:10:00,190

which we looked out here in Australia

223

00:10:04,890 --> 00:10:01,810

and I was corresponding with the people

224

00:10:07,530 --> 00:10:04,900

in America when at last the amazing

225

00:10:09,390 --> 00:10:07,540

meeting came around in Las Vegas andrew

226
00:10:11,910 --> 00:10:09,400
needles was there he came along he

227
00:10:15,150 --> 00:10:11,920
brought examples of his band and we set

228
00:10:17,640 --> 00:10:15,160
up a test and we worked with him

229
00:10:19,560 --> 00:10:17,650
extensively as we do with all our people

230
00:10:22,770 --> 00:10:19,570
who come to be tested to make sure that

231
00:10:24,630 --> 00:10:22,780
they were happy was a test it met their

232
00:10:27,210 --> 00:10:24,640
conditions they were satisfied that they

233
00:10:29,010 --> 00:10:27,220
could pass the test no problem happy to

234
00:10:31,350 --> 00:10:29,020
sign another indication these people

235
00:10:33,540 --> 00:10:31,360
really believe in what they're doing and

236
00:10:38,640 --> 00:10:33,550
it was a staged test we had 20

237
00:10:41,100 --> 00:10:38,650
volunteers or so and he was randomly we

238
00:10:42,960 --> 00:10:41,110

had a couple of boxes one had his real

239

00:10:45,690 --> 00:10:42,970

device in it the wristband one had a

240

00:10:48,540 --> 00:10:45,700

dummy a placebo the boxes were

241

00:10:50,760 --> 00:10:48,550

randomized we gave the one of the

242

00:10:52,080 --> 00:10:50,770

subjects the box to hold and Andrew

243

00:10:54,480 --> 00:10:52,090

needle said all you have to do is hold

244

00:10:56,580 --> 00:10:54,490

the box with his device in it and he did

245

00:10:58,920 --> 00:10:56,590

this series of arm test you've seen the

246

00:11:01,350 --> 00:10:58,930

famous pushing down and testing the st.

247

00:11:02,990 --> 00:11:01,360

from the balance and everything else it

248

00:11:04,950 --> 00:11:03,000

took a long time he did it very

249

00:11:07,980 --> 00:11:04,960

methodically and carefully lots of

250

00:11:10,560 --> 00:11:07,990

randomization and he didn't parts he

251

00:11:13,620 --> 00:11:10,570

didn't pass I'll get to his reaction in

252

00:11:17,040 --> 00:11:13,630

a minute behind the scenes of that test

253

00:11:19,260 --> 00:11:17,050

as I say working with mr. needles this

254

00:11:21,690 --> 00:11:19,270

takes hours and hours and hours none of

255

00:11:23,790 --> 00:11:21,700

these tests are easy you might think

256

00:11:25,230 --> 00:11:23,800

someone comes along with a psychic claim

257

00:11:27,120 --> 00:11:25,240

or a paranormal time but we'll just

258

00:11:30,840 --> 00:11:27,130

we'll just test them it's not like that

259

00:11:32,640 --> 00:11:30,850

you have to pander somewhat to their

260

00:11:34,800 --> 00:11:32,650

sensibilities they can easily be

261

00:11:37,050 --> 00:11:34,810

offended you have to assure them it's

262

00:11:39,900 --> 00:11:37,060

it's above board and everything's fine

263

00:11:41,250 --> 00:11:39,910

you have to go over the procedure again

264

00:11:42,870 --> 00:11:41,260

and again and again because it's not

265

00:11:44,490 --> 00:11:42,880

used to getting up onstage and starting

266

00:11:46,470 --> 00:11:44,500

the test and him saying oh no I didn't

267

00:11:48,000 --> 00:11:46,480

agree to that so everything had to be

268

00:11:51,600 --> 00:11:48,010

methodical this is where the stress

269

00:11:52,780 --> 00:11:51,610

comes in because you get so close and

270

00:11:54,340 --> 00:11:52,790

then they can

271

00:11:56,200 --> 00:11:54,350

I think differently about something and

272

00:11:58,630 --> 00:11:56,210

you have to rewrite pages of protocol

273

00:12:02,130 --> 00:11:58,640

and tests and things like that we

274

00:12:04,210 --> 00:12:02,140

finally got there he didn't pass and

275

00:12:05,920 --> 00:12:04,220

afterwards he took questions from the

276

00:12:07,870 --> 00:12:05,930

audience and he sort of looked like he

277

00:12:11,080 --> 00:12:07,880

took it in his stride but as randy said

278

00:12:12,430 --> 00:12:11,090

to me afterwards when i met Randy in the

279

00:12:16,150 --> 00:12:12,440

hall he gave me a week and he said

280

00:12:19,180 --> 00:12:16,160

Richard he's from central casting it's

281

00:12:26,020 --> 00:12:19,190

not bad really it's a clearfix merchant

282

00:12:28,870 --> 00:12:26,030

look up what he meant by that is Randy

283

00:12:30,370 --> 00:12:28,880

had seen this so many times before over

284

00:12:33,180 --> 00:12:30,380

the years people who genuinely believe

285

00:12:36,250 --> 00:12:33,190

they do the test they're a little bit

286

00:12:38,410 --> 00:12:36,260

nonplussed taken back and he knew what

287

00:12:40,330 --> 00:12:38,420

was coming Randy knew what was coming

288

00:12:42,340 --> 00:12:40,340

within a couple of months Andrew needle

289

00:12:44,710 --> 00:12:42,350

had published on his website of page

290

00:12:46,900 --> 00:12:44,720

says thank you James Randi Educational

291

00:12:50,830 --> 00:12:46,910

Foundation with a big list of how we

292

00:12:52,780 --> 00:12:50,840

cheated him including video stills from

293

00:12:54,880 --> 00:12:52,790

the official video showing that his

294

00:12:58,360 --> 00:12:54,890

device actually worked when it didn't

295

00:12:59,890 --> 00:12:58,370

it's it's staggering but Randy expected

296

00:13:02,580 --> 00:12:59,900

this would happen it was no surprise to

297

00:13:05,320 --> 00:13:02,590

me so that was mr. Andrew needles

298

00:13:10,000 --> 00:13:05,330

another test we had was a guy who was in

299

00:13:12,130 --> 00:13:10,010

Algeria sitting in Algeria his agent was

300

00:13:15,060 --> 00:13:12,140

in Las Vegas and it was a test of remote

301
00:13:17,110 --> 00:13:15,070
viewing so we had a series of our

302
00:13:19,510 --> 00:13:17,120
20objects I think three of which were

303
00:13:22,450 --> 00:13:19,520
chosen at random then hidden in a room

304
00:13:24,550 --> 00:13:22,460
in Las Vegas the room had to be lit 24

305
00:13:27,700 --> 00:13:24,560
hours a day and the objects had to be

306
00:13:29,230 --> 00:13:27,710
arranged very carefully and come the

307
00:13:32,530 --> 00:13:29,240
night of the test there was a phone

308
00:13:34,780 --> 00:13:32,540
hookup to mr. a dune in Algeria in his

309
00:13:37,750 --> 00:13:34,790
agent who called himself was tougher was

310
00:13:40,060 --> 00:13:37,760
on stage calling mr. i doona who had a

311
00:13:43,110 --> 00:13:40,070
list of all the objects 20objects and

312
00:13:46,420 --> 00:13:43,120
had to tell us which 3 were in the room

313
00:13:50,910 --> 00:13:46,430

he chose a completely different tree not

314

00:13:53,860 --> 00:13:50,920

there at all I think later he was

315

00:13:55,540 --> 00:13:53,870

claiming that because we didn't during

316

00:13:58,090 --> 00:13:55,550

the time of Ramadan that's sort of

317

00:14:00,700 --> 00:13:58,100

interfering with this but you know what

318

00:14:03,790 --> 00:14:00,710

well even when we did the test we said

319

00:14:05,710 --> 00:14:03,800

to the audience he expresses concerns

320

00:14:06,660 --> 00:14:05,720

about Ramadan but he's cut quite happy

321

00:14:08,280 --> 00:14:06,670

to go forward

322

00:14:10,680 --> 00:14:08,290

this is one of the things that we have

323

00:14:12,570 --> 00:14:10,690

to keep take into consideration he could

324

00:14:13,830 --> 00:14:12,580

be Roman am it could be the phases of

325

00:14:16,830 --> 00:14:13,840

the Moon it could be the shirt i'm

326

00:14:18,690 --> 00:14:16,840

wearing it's it's endless and this is

327

00:14:21,390 --> 00:14:18,700

why these things take so long it can be

328

00:14:22,890 --> 00:14:21,400

incredibly stressful but as far as I

329

00:14:26,700 --> 00:14:22,900

know apart from that he didn't really

330

00:14:28,080 --> 00:14:26,710

make any more fuss over that the next

331

00:14:30,540 --> 00:14:28,090

test I was involved with was a guy

332

00:14:33,710 --> 00:14:30,550

called mr. Wong who was a Chinese

333

00:14:37,290 --> 00:14:33,720

student living in Boston and he's

334

00:14:39,750 --> 00:14:37,300

claimed his claim was that he could get

335

00:14:42,480 --> 00:14:39,760

a volunteer to sit near him he would get

336

00:14:44,400 --> 00:14:42,490

his right hand and put it near the hand

337

00:14:47,910 --> 00:14:44,410

of the volunteer and the volunteer would

338

00:14:49,140 --> 00:14:47,920

feel the power feel I e power i don't

339

00:14:52,980 --> 00:14:49,150

think it was quite defined what the

340

00:14:54,870 --> 00:14:52,990

power was this test was the most

341

00:14:57,360 --> 00:14:54,880

stressful for us to set up you think

342

00:15:00,150 --> 00:14:57,370

that would it's eaten right i well how

343

00:15:02,160 --> 00:15:00,160

would you test it if i said that if i

344

00:15:05,880 --> 00:15:02,170

sat near you and put my arm near yours

345

00:15:08,940 --> 00:15:05,890

you would feel a bit of power it sounds

346

00:15:10,710 --> 00:15:08,950

like an easy thing to test sure when we

347

00:15:12,810 --> 00:15:10,720

came down to the nitty-gritty how to

348

00:15:14,940 --> 00:15:12,820

construct a test and he was there for

349

00:15:17,490 --> 00:15:14,950

four day three or four days with us four

350

00:15:20,250 --> 00:15:17,500

hours going through protocol after

351

00:15:22,580 --> 00:15:20,260

protocol alright well we can we can

352

00:15:25,800 --> 00:15:22,590

construct a big barrier between them and

353

00:15:28,020 --> 00:15:25,810

person can stick their arm through yeah

354

00:15:30,540 --> 00:15:28,030

okay now he wasn't happy with that cuz

355

00:15:32,010 --> 00:15:30,550

he said the angle that we decided on the

356

00:15:33,330 --> 00:15:32,020

powered go right through one hand and

357

00:15:35,730 --> 00:15:33,340

into the other and all sorts of things

358

00:15:37,560 --> 00:15:35,740

like that can you do it like this the

359

00:15:41,100 --> 00:15:37,570

powers might go this way intersect or

360

00:15:45,060 --> 00:15:41,110

something right we build a big cardboard

361

00:15:47,880 --> 00:15:45,070

read contraption on stage we had a

362

00:15:51,810 --> 00:15:47,890

little box protruding which the subject

363

00:15:53,340 --> 00:15:51,820

put their arm like this and mr. Wang was

364

00:15:55,220 --> 00:15:53,350

on the other side he said it would work

365

00:15:59,630 --> 00:15:55,230

through cardboard and he would do this

366

00:16:03,120 --> 00:15:59,640

that's fine then we had the randomized

367

00:16:05,940 --> 00:16:03,130

how would he know if it was a real arm

368

00:16:07,770 --> 00:16:05,950

there or not how would the person sneak

369

00:16:10,560 --> 00:16:07,780

up and be careful and sit down quietly

370

00:16:13,020 --> 00:16:10,570

and believe me folks this took days and

371

00:16:15,510 --> 00:16:13,030

days of endless talking to subjects

372

00:16:17,530 --> 00:16:15,520

talking to mr. Wang about his abilities

373

00:16:19,240 --> 00:16:17,540

and powers and he had reference

374

00:16:21,430 --> 00:16:19,250

from the New England or the Boston

375

00:16:23,560 --> 00:16:21,440

Paranormal Society or something like

376

00:16:26,769 --> 00:16:23,570

this that for bona fide ease and

377

00:16:30,879 --> 00:16:26,779

everything like that so eventually we

378

00:16:33,100 --> 00:16:30,889

got to the test and this was days of

379

00:16:35,079 --> 00:16:33,110

missing lunches and running up and down

380

00:16:36,939 --> 00:16:35,089

corridors and not seeing people because

381

00:16:39,040 --> 00:16:36,949

we had to rewrite and rewrite protocols

382

00:16:40,960 --> 00:16:39,050

the final thing that he signs and they

383

00:16:43,629 --> 00:16:40,970

all signed the pages long going through

384

00:16:45,879 --> 00:16:43,639

every step because we don't want them to

385

00:16:49,420 --> 00:16:45,889

come back and say ahh I didn't agree to

386

00:16:51,249 --> 00:16:49,430

this point it can take hours three

387

00:16:53,170 --> 00:16:51,259

o'clock in the mornings and the computer

388

00:16:56,199 --> 00:16:53,180

just rewriting test protocols but we had

389

00:16:57,999 --> 00:16:56,209

to get it right bear in mind too that

390

00:17:00,370 --> 00:16:58,009

not only is it a test for a million

391

00:17:03,579 --> 00:17:00,380

dollars or the preliminary test it's a

392

00:17:05,169 --> 00:17:03,589

stage show for ten people they're there

393

00:17:06,730 --> 00:17:05,179

to get a bit of entertainment it's a

394

00:17:08,049 --> 00:17:06,740

very interesting spectacle to see

395

00:17:10,299 --> 00:17:08,059

somebody being tested for their

396

00:17:12,130 --> 00:17:10,309

paranormal ability so that's another

397

00:17:13,960 --> 00:17:12,140

consideration we have to have when we're

398

00:17:17,890 --> 00:17:13,970

testing people make it an interesting

399

00:17:21,669 --> 00:17:17,900

show Mr Wong of course simply didn't

400

00:17:24,220 --> 00:17:21,679

pass the criteria which escapes me for

401
00:17:25,539 --> 00:17:24,230
the moment but enough people he didn't

402
00:17:28,059 --> 00:17:25,549
realize enough people were feeling the

403
00:17:30,850 --> 00:17:28,069
power for him to pass again he took it

404
00:17:33,460 --> 00:17:30,860
more or less in his stride but was still

405
00:17:34,899 --> 00:17:33,470
convinced he had the magic power the

406
00:17:36,820 --> 00:17:34,909
last one I was involved with was

407
00:17:39,909 --> 00:17:36,830
probably the least satisfactory we were

408
00:17:42,250 --> 00:17:39,919
testing audio cables and since there was

409
00:17:45,549 --> 00:17:42,260
no representative from the company which

410
00:17:46,720 --> 00:17:45,559
was vodka ethernet cables i think the

411
00:17:49,330 --> 00:17:46,730
claim was that if you're usually very

412
00:17:52,390 --> 00:17:49,340
expensive digital cables your music

413
00:17:53,770 --> 00:17:52,400

would hear would would hear better than

414

00:17:56,169 --> 00:17:53,780

cheap cables and that's what we were

415

00:17:58,270 --> 00:17:56,179

trying to test we called it a

416

00:17:59,890 --> 00:17:58,280

demonstration test it wasn't anybody

417

00:18:02,710 --> 00:17:59,900

there from the company who was really

418

00:18:04,450 --> 00:18:02,720

claiming anything and so it was probably

419

00:18:05,860 --> 00:18:04,460

the least satisfactory of all the tests

420

00:18:11,020 --> 00:18:05,870

but again it took many hours to put

421

00:18:13,810 --> 00:18:11,030

together so and and this all these steps

422

00:18:15,220 --> 00:18:13,820

and protocols and correspondence is what

423

00:18:16,840 --> 00:18:15,230

we have to go through here australia

424

00:18:19,120 --> 00:18:16,850

this thing that's been going around now

425

00:18:21,700 --> 00:18:19,130

a hundred thousand dollars rest assured

426

00:18:24,010 --> 00:18:21,710

if we come to test somebody we are

427

00:18:26,289 --> 00:18:24,020

methodical we are careful and we are

428

00:18:28,930 --> 00:18:26,299

honest and above board with the person

429

00:18:30,120 --> 00:18:28,940

who's come to be tested we don't want to

430

00:18:32,010 --> 00:18:30,130

cheat them what not

431

00:18:34,080 --> 00:18:32,020

one second we don't want to have a test

432

00:18:36,900 --> 00:18:34,090

they can't pass if they have the ability

433

00:18:38,160 --> 00:18:36,910

we want them to pass the test and we

434

00:18:41,370 --> 00:18:38,170

want them to take the money would be

435

00:18:43,290 --> 00:18:41,380

very happy to do that a lot of people if

436

00:18:47,040 --> 00:18:43,300

you look at the little card the little

437

00:18:49,110 --> 00:18:47,050

note the first thing says step number

438

00:18:50,460 --> 00:18:49,120

one if you want to claim the money if

439

00:18:52,860 --> 00:18:50,470

you want to come for the money tell us

440

00:18:54,810 --> 00:18:52,870

concisely what you can do most people

441

00:18:56,130 --> 00:18:54,820

cannot do that they say they have a

442

00:19:00,240 --> 00:18:56,140

paranormal power but they can't

443

00:19:02,580 --> 00:19:00,250

concisely write it down for us so that's

444

00:19:03,750 --> 00:19:02,590

a bit about behind the scenes of the

445

00:19:05,130 --> 00:19:03,760

million dollar challenge in here in

446

00:19:07,860 --> 00:19:05,140

Australia the future of the million

447

00:19:09,810 --> 00:19:07,870

dollar challenge is interesting the

448

00:19:11,700 --> 00:19:09,820

James Randi Educational Foundation have

449

00:19:13,770 --> 00:19:11,710

said that they're no longer accepting

450

00:19:16,410 --> 00:19:13,780

applications because after 50 years of

451

00:19:18,750 --> 00:19:16,420

negative results it's a waste of their

452

00:19:20,550 --> 00:19:18,760

time and money now they just cancer

453

00:19:23,610 --> 00:19:20,560

endless emails and correspondence for

454

00:19:25,920 --> 00:19:23,620

this but they reserve the right and me

455

00:19:29,340 --> 00:19:25,930

being on the committee's part of that to

456

00:19:31,260 --> 00:19:29,350

offer the challenge to people or if

457

00:19:32,700 --> 00:19:31,270

somebody else passes the test somewhere

458

00:19:35,010 --> 00:19:32,710

else in the world for example the

459

00:19:36,480 --> 00:19:35,020

Australian skeptics then the James Randi

460

00:19:38,600 --> 00:19:36,490

Educational Foundation would look

461

00:19:42,380 --> 00:19:38,610

seriously at that as a possible

462

00:19:44,630 --> 00:19:42,390

applicant for the million dollars it's

463

00:19:46,800 --> 00:19:44,640

wonderful to be part of its

464

00:19:49,430 --> 00:19:46,810

indescribable it's one of the best

465

00:19:52,590 --> 00:19:49,440

things you can do as a skeptic but the

466

00:19:54,260 --> 00:19:52,600

other side of that is the enormous work

467

00:19:56,820 --> 00:19:54,270

and sometimes the stress that

468

00:19:58,650 --> 00:19:56,830

accompanies that anyway folks I look

469

00:20:00,930 --> 00:19:58,660

forward to chatting to lots of you here

470

00:20:03,900 --> 00:20:00,940

at the at the convention this weekend

471

00:20:06,210 --> 00:20:03,910

the lineup if you're not coming to the

472

00:20:08,580 --> 00:20:06,220

convention buy your tickets the lineup

473

00:20:11,670 --> 00:20:08,590

is just stellar and I must specially

474

00:20:13,140 --> 00:20:11,680

make an acknowledgement here dear friend

475

00:20:15,150 --> 00:20:13,150

of mine mr. Joe Nickell at the back of

476
00:20:30,950 --> 00:20:15,160
the room and the inspiration to me Joe

477
00:20:35,670 --> 00:20:33,570
welcome to a week in science from arias

478
00:20:37,800 --> 00:20:35,680
bringing you the science you need to

479
00:20:39,690 --> 00:20:37,810
know every time there's a big sporting

480
00:20:41,820 --> 00:20:39,700
competition we stare in wonderment of

481
00:20:43,410 --> 00:20:41,830
the athletes breaking records but is

482
00:20:53,790 --> 00:20:43,420
there actually a limit to how fast

483
00:20:55,800 --> 00:20:53,800
humans can go Usain Bolt's is the

484
00:20:58,050 --> 00:20:55,810
fastest human ever recorded in a race

485
00:21:00,510 --> 00:20:58,060
covering a hundred meters and a little

486
00:21:02,430 --> 00:21:00,520
over nine and a half seconds that gives

487
00:21:05,010 --> 00:21:02,440
him an average speed of around thirty

488
00:21:06,420 --> 00:21:05,020

seven kilometres an hour you may have

489

00:21:08,790 --> 00:21:06,430

thought that we might be reaching a

490

00:21:10,680 --> 00:21:08,800

limit of human speed as our bodies may

491

00:21:12,840 --> 00:21:10,690

not be able to take any higher impact

492

00:21:14,940 --> 00:21:12,850

forces through our legs but research

493

00:21:17,070 --> 00:21:14,950

found that hopping on one leg increased

494

00:21:19,170 --> 00:21:17,080

these forces by thirty percent more than

495

00:21:22,410 --> 00:21:19,180

sprinting which goes to show our bodies

496

00:21:24,300 --> 00:21:22,420

can take more instead researchers think

497

00:21:26,610 --> 00:21:24,310

that our speed is limited by how fast

498

00:21:28,440 --> 00:21:26,620

our muscles can contract and exert force

499

00:21:30,480 --> 00:21:28,450

during the extremely small amount of

500

00:21:32,790 --> 00:21:30,490

time athlete is on the ground which is

501
00:21:34,500 --> 00:21:32,800
less than one-tenth of a second during

502
00:21:36,690 --> 00:21:34,510
that short time the muscle needs to

503
00:21:38,610 --> 00:21:36,700
exert as much force as it can to propel

504
00:21:40,740 --> 00:21:38,620
someone forward looking at human

505
00:21:43,230 --> 00:21:40,750
physiology they estimate humans might be

506
00:21:45,300 --> 00:21:43,240
capable of running over 60 kilometres an

507
00:21:48,310 --> 00:21:45,310
hour

508
00:21:50,800 --> 00:21:48,320
welkin humans really run 25k is now a

509
00:21:52,090 --> 00:21:50,810
faster than current world record well

510
00:21:54,670 --> 00:21:52,100
humans are thoughts that have already

511
00:21:56,500 --> 00:21:54,680
run faster than bulbs fossilized

512
00:21:58,870 --> 00:21:56,510
footprints found in Australia Shan

513
00:22:00,700 --> 00:21:58,880

ancient indigenous man running when they

514

00:22:03,240 --> 00:22:00,710

were measured it was calculated he was

515

00:22:05,950 --> 00:22:03,250

running at around 37 kilometres an hour

516

00:22:08,500 --> 00:22:05,960

so what that's the same speed as bolt

517

00:22:11,170 --> 00:22:08,510

but keep in mind this man was probably

518

00:22:13,270 --> 00:22:11,180

running through mud if not water give

519

00:22:15,280 --> 00:22:13,280

him modern shoes and a hard surface and

520

00:22:17,560 --> 00:22:15,290

it's likely he would have run around 45

521

00:22:19,450 --> 00:22:17,570

k as an hour incredibly in the same

522

00:22:21,820 --> 00:22:19,460

group of footprints was a one-legged man

523

00:22:25,180 --> 00:22:21,830

hopping it over 20 kilometres an hour

524

00:22:30,190 --> 00:22:25,190

try doing that that's fast but not as

525

00:22:31,960 --> 00:22:30,200

fast as air for fast facts Usain Bolt's

526

00:22:34,720 --> 00:22:31,970

power output during a sprint is around

527

00:22:36,430 --> 00:22:34,730

three and a half horsepower ninety-two

528

00:22:38,950 --> 00:22:36,440

percent of bolts power is used to

529

00:22:41,890 --> 00:22:38,960

overcome aerodynamic drag only eight

530

00:22:43,540 --> 00:22:41,900

percent is responsible for his speed one

531

00:22:45,880 --> 00:22:43,550

characteristic of sprinters is short

532

00:22:47,560 --> 00:22:45,890

tendons and long toes which are thought

533

00:22:50,290 --> 00:22:47,570

to improve the effect of the calf

534

00:22:52,690 --> 00:22:50,300

muscles and swinging your arms when you

535

00:22:54,790 --> 00:22:52,700

run reduces energy expenditure by up to

536

00:22:57,160 --> 00:22:54,800

thirteen percent compared to holding

537

00:22:58,990 --> 00:22:57,170

them still that's it for this week in

538

00:23:01,420 --> 00:22:59,000

science for more information on the

539

00:23:06,400 --> 00:23:01,430

limits of human speed go to the RLS

540

00:23:09,280 --> 00:23:06,410

website RI aus org a you follow us on

541

00:23:11,380 --> 00:23:09,290

twitter at ra oz and like us on facebook

542

00:23:31,600 --> 00:23:11,390

i'm ben lewis I don't catch you next

543

00:23:37,160 --> 00:23:34,850

hey svenska skeptical the vet valid

544

00:23:39,380 --> 00:23:37,170

vatan scope for feeding into battle none

545

00:23:41,720 --> 00:23:39,390

hanger of the skeptic zone that an ox 0

546

00:23:45,140 --> 00:23:41,730

alpha alpha dog pop science quiz

547

00:23:47,990 --> 00:23:45,150

skeptical Kevin Thomas a queen pave very

548

00:23:50,570 --> 00:23:48,000

pumped for Punta safe at spawning vivoli

549

00:23:53,090 --> 00:23:50,580

luger luke alphania hun tamilanda Top

550

00:23:55,280 --> 00:23:53,100

Gun warmly boo installed identity is

551
00:23:59,990 --> 00:23:55,290
non-local training button to start time

552
00:24:02,990 --> 00:24:00,000
12 your pot on a day is new hello all

553
00:24:04,640 --> 00:24:03,000
skeptics in Sweden I'm sure you already

554
00:24:07,130 --> 00:24:04,650
know that the Swedish skeptics

555
00:24:09,410 --> 00:24:07,140
Association not only is a big fan of the

556
00:24:11,870 --> 00:24:09,420
skeptical zone but that we also organize

557
00:24:16,030 --> 00:24:11,880
lectures pop science quiz and skeptics

558
00:24:20,240 --> 00:24:16,040
in the pub all over the country go to

559
00:24:22,910 --> 00:24:20,250
WWD ofse to see what are seven local

560
00:24:24,620 --> 00:24:22,920
chapters are up to and if you live in a

561
00:24:27,830 --> 00:24:24,630
place where there is no local chapter

562
00:24:42,299 --> 00:24:27,840
why not start on yourself I'm talking to

563
00:24:54,310 --> 00:24:45,850

the dishonor is the of course the bent

564

00:24:57,039 --> 00:24:54,320

spoon award we are here and I would like

565

00:24:58,989 --> 00:24:57,049

to invite Tim mandame editor of the

566

00:25:01,330 --> 00:24:58,999

skeptic magazine and executive officer

567

00:25:08,950 --> 00:25:01,340

Australian skeptics to come and present

568

00:25:12,999 --> 00:25:08,960

that award and I'll show you this is

569

00:25:18,760 --> 00:25:13,009

bloody hip oh wait my name is Chaim LOL

570

00:26:04,100 --> 00:25:34,000

okay this is what we call the losers

571

00:26:05,690 --> 00:26:04,110

okay this is heavy this is actually on

572

00:26:09,170 --> 00:26:05,700

top of it is a spoon made out of

573

00:26:11,540 --> 00:26:09,180

Washington oh right to see family and

574

00:26:14,530 --> 00:26:11,550

its really a big by some spoon dinner of

575

00:26:19,250 --> 00:26:14,540

some sort or another night if you hurry

576

00:26:22,340 --> 00:26:19,260

sorry it has been delivered has been

577

00:26:23,900 --> 00:26:22,350

awarded every year since the the IDS be

578

00:26:26,600 --> 00:26:23,910

like these early eighties I think you

579

00:26:29,420 --> 00:26:26,610

should buy tea to thank you keep going

580

00:26:31,790 --> 00:26:29,430

round around a father like Clark ran

581

00:26:33,530 --> 00:26:31,800

away maybe I couldn't stop okay some

582

00:26:34,880 --> 00:26:33,540

very very notable peoples including the

583

00:26:36,290 --> 00:26:34,890

eye base so you various things but I

584

00:26:37,730 --> 00:26:36,300

won't go through it if you want to have

585

00:26:39,530 --> 00:26:37,740

a look at it tomorrow you're coming home

586

00:26:41,600 --> 00:26:39,540

to look at the dog on liquor you to

587

00:26:44,030 --> 00:26:41,610

touch it you like them

588

00:26:46,190 --> 00:26:44,040

anyway basically under the award for

589

00:26:49,910 --> 00:26:46,200

this year we do have some notable

590

00:26:52,820 --> 00:26:49,920

noteworthy dishonorable mentions okay

591

00:26:54,919 --> 00:26:52,830

George Sabinus who is a chief executive

592

00:26:57,530 --> 00:26:54,929

of many babe private swimming one breath

593

00:26:59,900 --> 00:26:57,540

said we need to remove waste from the

594

00:27:02,120 --> 00:26:59,910

country's health budget those services

595

00:27:03,799 --> 00:27:02,130

with no effective medical outcomes and

596

00:27:08,090 --> 00:27:03,809

then he says I can't keep on top of the

597

00:27:10,539 --> 00:27:08,100

earth is there such a small part of our

598

00:27:12,799 --> 00:27:10,549

claims we never had customers like it

599

00:27:16,310 --> 00:27:12,809

anything well maybe there are benefits

600

00:27:18,320 --> 00:27:16,320

we can't nail exactly throw out the way

601
00:27:19,760 --> 00:27:18,330
to keep that only ography now somebody

602
00:27:22,280 --> 00:27:19,770
was mentioned I think several times

603
00:27:26,930 --> 00:27:22,290
today with another dishonorable mention

604
00:27:32,450 --> 00:27:26,940
Mel Gibson I'm sorry I'm sorry hang on

605
00:27:35,240 --> 00:27:32,460
here voting with this there was relying

606
00:27:37,039 --> 00:27:35,250
on the voting here anyway those who

607
00:27:39,409 --> 00:27:37,049
don't know the three of you who don't

608
00:27:40,970 --> 00:27:39,419
know promoted the cancer treating died a

609
00:27:43,970 --> 00:27:40,980
little publicity and made a lot of money

610
00:27:46,400 --> 00:27:43,980
out of a whole business while suffering

611
00:27:49,909 --> 00:27:46,410
from five different types of cancer to

612
00:27:52,340 --> 00:27:49,919
the flame a machine was able to take

613
00:27:58,100 --> 00:27:52,350

care thank you climb the patient's

614

00:28:00,350 --> 00:27:58,110

weight she was many people to take on

615

00:28:02,150 --> 00:28:00,360

her diet and it was a lie right when she

616

00:28:05,330 --> 00:28:02,160

led hundreds down her fraudulent garden

617

00:28:09,919 --> 00:28:05,340

park a big dis honorable mention goes to

618

00:28:12,110 --> 00:28:09,929

a lot book stephanie messenger simply

619

00:28:14,539 --> 00:28:12,120

mr. didn't win money and as the author

620

00:28:16,280 --> 00:28:14,549

of Melanie's marvelous measles one of

621

00:28:18,159 --> 00:28:16,290

the most dangerous children's books that

622

00:28:20,229 --> 00:28:18,169

ever been self-published

623

00:28:22,359 --> 00:28:20,239

her efforts to bring anti-vaccination

624

00:28:25,889 --> 00:28:22,369

campaigner Cherie temp and he failed

625

00:28:28,659 --> 00:28:25,899

which is a close win up in outdoors but

626

00:28:31,359 --> 00:28:28,669

look at that further ado through a

627

00:28:33,940 --> 00:28:31,369

little bit of the bed spooning 4 2015 is

628

00:28:37,560 --> 00:28:33,950

someone who uses his wide influence and

629

00:28:48,450 --> 00:28:37,570

large TV and online audience to promote

630

00:28:53,350 --> 00:28:50,740

long line of what stone age people

631

00:28:57,340 --> 00:28:53,360

actually a to do a boat during the talks

632

00:28:59,890 --> 00:28:57,350

but it's not only for his diet that he

633

00:29:01,780 --> 00:28:59,900

is a worthy winner even though it can

634

00:29:04,510 --> 00:29:01,790

apparently shrink tumors reduce diabetes

635

00:29:07,810 --> 00:29:04,520

cure or drizzle stop asthma and reverse

636

00:29:11,470 --> 00:29:07,820

chronic fatigue there are elements of it

637

00:29:13,570 --> 00:29:11,480

that are probably useful although

638

00:29:17,890 --> 00:29:13,580

episode bone broth for babies of the

639

00:29:21,100 --> 00:29:17,900

livable worry but no it is for his

640

00:29:24,070 --> 00:29:21,110

support of pseudo medicine he stands

641

00:29:25,750 --> 00:29:24,080

against fluoridation and his association

642

00:29:29,380 --> 00:29:25,760

with the rabbit anti-vaccination is

643

00:29:34,330 --> 00:29:29,390

Joseph Mercola the leaven as he calls

644

00:29:36,460 --> 00:29:34,340

him is this man genuine I don't know

645

00:29:38,170 --> 00:29:36,470

check out the disclaimers on his

646

00:29:42,100 --> 00:29:38,180

Facebook page even better half an hour

647

00:29:45,700 --> 00:29:42,110

for real to the winner are the bed spoon

648

00:29:54,950 --> 00:29:45,710

for 2015 because our very own the animal

649

00:30:03,590 --> 00:30:02,029

I can say he couldn't be here today so i

650

00:30:11,330 --> 00:30:03,600

will accept this honor on his behalf

651
00:30:14,510 --> 00:30:11,340
thank you very much the people would

652
00:30:21,880 --> 00:30:14,520
walk worthy award which is a job enemy

653
00:30:26,779 --> 00:30:25,399
bouncer reading this why doesn't someone

654
00:30:28,460 --> 00:30:26,789
say thank you to thought I just saw a

655
00:30:35,240 --> 00:30:28,470
really excellent invention that's

656
00:30:37,549 --> 00:30:35,250
obviously crepinette was a prominent

657
00:30:41,740 --> 00:30:37,559
member of the Australian skeptics from

658
00:30:44,659 --> 00:30:41,750
Tasmania and sadly French 2009 thanks to

659
00:30:46,340 --> 00:30:44,669
that same IAM skeptical movement created

660
00:30:48,470 --> 00:30:46,350
the fred pornete award for the promotion

661
00:30:50,450 --> 00:30:48,480
of reason affectionately known as the

662
00:30:52,909 --> 00:30:50,460
friend to honor friend significant

663
00:30:54,860 --> 00:30:52,919

contribution to our cause the award

664

00:30:56,510 --> 00:30:54,870

acknowledges a member of the public or

665

00:30:59,029 --> 00:30:56,520

public figure who has made something

666

00:31:00,680 --> 00:30:59,039

happen contribution to educating or

667

00:31:02,649 --> 00:31:00,690

informing the public regarding issues of

668

00:31:04,549 --> 00:31:02,659

science reasoning and critical thinking

669

00:31:06,440 --> 00:31:04,559

the friend is composed of a

670

00:31:07,549 --> 00:31:06,450

commemorative certificate and a thousand

671

00:31:09,350 --> 00:31:07,559

dollars which is awarded to the

672

00:31:11,720 --> 00:31:09,360

recipient or to a charity or cause of

673

00:31:13,490 --> 00:31:11,730

their choice the fred has been awarded

674

00:31:15,200 --> 00:31:13,500

six times since intersect since its

675

00:31:16,639 --> 00:31:15,210

inception and and i'd like to list some

676
00:31:20,419 --> 00:31:16,649
of the previous winners and you

677
00:31:22,370 --> 00:31:20,429
understand why as i go on the 1st fred

678
00:31:24,590 --> 00:31:22,380
was awarded to tony end David McCaffrey

679
00:31:26,389 --> 00:31:24,600
in 2009 in recognition of their efforts

680
00:31:28,120 --> 00:31:26,399
to educate the community about the

681
00:31:30,320 --> 00:31:28,130
importance of pertussis vaccination

682
00:31:32,289 --> 00:31:30,330
following the death of their baby Dana

683
00:31:34,909 --> 00:31:32,299
at four weeks of age from whooping cough

684
00:31:37,940 --> 00:31:34,919
since then three other babies have died

685
00:31:39,799 --> 00:31:37,950
after contracting pertussis ken MacLeod

686
00:31:41,659 --> 00:31:39,809
Wendy Wilkinson receive you or the

687
00:31:43,399 --> 00:31:41,669
following year due to their efforts to

688
00:31:47,110 --> 00:31:43,409

tackle the aliens egregious behavior

689

00:31:49,970 --> 00:31:47,120

through legal and regulatory channels in

690

00:31:51,860 --> 00:31:49,980

2013 we awarded Sonya Pemberton who

691

00:31:54,080 --> 00:31:51,870

sought to tackle community uncertainty

692

00:31:55,220 --> 00:31:54,090

around vaccination and did so to great

693

00:31:58,820 --> 00:31:55,230

effect with the sense

694

00:32:00,289 --> 00:31:58,830

compelling documentary jabbed last year

695

00:32:06,799 --> 00:32:00,299

the award went to the Northern Rivers

696

00:32:08,900 --> 00:32:06,809

AXA nation supporters campaigned

697

00:32:11,270 --> 00:32:08,910

tirelessly to counter this information

698

00:32:13,039 --> 00:32:11,280

within their own community sadly the

699

00:32:16,960 --> 00:32:13,049

National epicenter of anti-vaccination

700

00:32:20,810 --> 00:32:16,970

beliefs and that brings me to this year

701
00:32:23,419 --> 00:32:20,820
on the seventeenth of March at just four

702
00:32:25,640 --> 00:32:23,429
weeks old Riley Hughes the second child

703
00:32:27,789 --> 00:32:25,650
in Katherine and Greg died of whooping

704
00:32:30,380 --> 00:32:27,799
cough it fits Princess Margaret Hospital

705
00:32:31,640 --> 00:32:30,390
he had contracted the deadly bacteria

706
00:32:34,640 --> 00:32:31,650
while he was still too young to be

707
00:32:36,409 --> 00:32:34,650
vaccinated three days after Riley died

708
00:32:38,900 --> 00:32:36,419
the government brought in a new program

709
00:32:40,250 --> 00:32:38,910
offering free pertussis boosters to all

710
00:32:43,909 --> 00:32:40,260
mothers in the third trimester of

711
00:32:45,770 --> 00:32:43,919
pregnancy while they were still deeply

712
00:32:48,140 --> 00:32:45,780
most in the Royal grief of having lost

713
00:32:49,820 --> 00:32:48,150

their child Riley's parents katherine

714

00:32:52,150 --> 00:32:49,830

and greg hughes were forced into a world

715

00:32:53,960 --> 00:32:52,160

which no one would choose to enter

716

00:32:56,030 --> 00:32:53,970

recognizing that their loss was one

717

00:32:57,590 --> 00:32:56,040

which could happen to any family they

718

00:32:59,320 --> 00:32:57,600

said about delivering a message to the

719

00:33:01,940 --> 00:32:59,330

community and found in like variety

720

00:33:04,100 --> 00:33:01,950

which now educates the public about the

721

00:33:07,010 --> 00:33:04,110

dangers of pertussis and promotes the

722

00:33:09,520 --> 00:33:07,020

importance of vaccinations and for the

723

00:33:11,840 --> 00:33:09,530

disease particularly out old boosters

724

00:33:13,909 --> 00:33:11,850

like the McCaffrey's their mission is

725

00:33:15,350 --> 00:33:13,919

quite simply to protect other children

726

00:33:18,470 --> 00:33:15,360

and families from suffering the same

727

00:33:19,880 --> 00:33:18,480

tragedy that they experienced Katherine

728

00:33:21,950 --> 00:33:19,890

and Greg along with the group of

729

00:33:25,010 --> 00:33:21,960

dedicated supporters work tirelessly to

730

00:33:26,539 --> 00:33:25,020

deliver this message like variety runs

731

00:33:28,549 --> 00:33:26,549

standard Bailey expose with a

732

00:33:30,799 --> 00:33:28,559

arrangement boosters to be provided on

733

00:33:32,690 --> 00:33:30,809

site they have like Tony indeed

734

00:33:34,880 --> 00:33:32,700

McCaffrey been harassed and abused by

735

00:33:36,140 --> 00:33:34,890

anti-vaxxers but in the face of this

736

00:33:38,180 --> 00:33:36,150

they have stood up this vaccine

737

00:33:39,919 --> 00:33:38,190

advocates and provided a valuable source

738

00:33:43,520 --> 00:33:39,929

of counter information to a vulnerable

739

00:33:45,380 --> 00:33:43,530

population now just this Thursday new

740

00:33:45,680 --> 00:33:45,390

statistics are published which indicate

741

00:33:47,450 --> 00:33:45,690

that

742

00:33:48,919 --> 00:33:47,460

cases of pertussis have risen more than

743

00:33:52,340 --> 00:33:48,929

three hundred percent new south wales

744

00:33:54,259 --> 00:33:52,350

the highest level in four years we

745

00:33:56,110 --> 00:33:54,269

cannot afford to see the community come

746

00:33:58,700 --> 00:33:56,120

to harm through fear and misinformation

747

00:34:00,440 --> 00:33:58,710

it is when very this very reason that

748

00:34:02,180 --> 00:34:00,450

the fred was created and while in speaks

749

00:34:04,310 --> 00:34:02,190

the warring ongoing influence of

750

00:34:05,869 --> 00:34:04,320

anti-vaccination beliefs that there is

751
00:34:08,480 --> 00:34:05,879
such a strong theme and how it has been

752
00:34:10,339 --> 00:34:08,490
awarded we feel that acknowledging the

753
00:34:12,139 --> 00:34:10,349
great work being done to protect our

754
00:34:14,119 --> 00:34:12,149
most vulnerable by those who know better

755
00:34:17,809 --> 00:34:14,129
than any of us the devastating effects

756
00:34:20,149 --> 00:34:17,819
of vaccine-preventable diseases the 2015

757
00:34:31,029 --> 00:34:20,159
fred is awarded to catherine and greg

758
00:34:35,869 --> 00:34:33,859
you very much wants to have Catherine

759
00:34:38,180 --> 00:34:35,879
and Greg here with us today to accept

760
00:34:39,859 --> 00:34:38,190
the award but just today they have been

761
00:34:42,409 --> 00:34:39,869
running a stroll at the baby expo in

762
00:34:44,509 --> 00:34:42,419
Melbourne in lieu of this I'd like to

763
00:34:46,460 --> 00:34:44,519

invite Allison Gaylord of North River

764

00:34:48,319 --> 00:34:46,470

vaccination supporters last year's

765

00:35:01,440 --> 00:34:48,329

recipient of the award to accept it on

766

00:35:07,349 --> 00:35:04,770

we have actually spoken to Katherine and

767

00:35:09,930 --> 00:35:07,359

pregnant so they are where they have one

768

00:35:11,490 --> 00:35:09,940

year award and they are understandably

769

00:35:13,980 --> 00:35:11,500

overwhelmed and I heard that they were

770

00:35:29,040 --> 00:35:13,990

six people too and I'm so sorry but i

771

00:35:32,069 --> 00:35:29,050

forgot inviting hi I hate the fact I

772

00:35:36,390 --> 00:35:32,079

know Kath in my case I really wish I

773

00:35:40,140 --> 00:35:36,400

didn't know them but I do because of

774

00:35:44,450 --> 00:35:40,150

what's happened to baby riding and we've

775

00:35:47,720 --> 00:35:44,460

go a strong affiliation with them and we

776

00:35:51,150 --> 00:35:47,730

understand all of the work that they do

777

00:35:54,780 --> 00:35:51,160

the advocacy that they covered

778

00:35:57,420 --> 00:35:54,790

nationally since March is just out of

779

00:36:00,660 --> 00:35:57,430

this world it's blows away so on behalf

780

00:36:02,010 --> 00:36:00,670

of them I know that this is going to a

781

00:36:07,020 --> 00:36:02,020

worthy cause and it will be going

782

00:36:19,990 --> 00:36:07,030

towards whooping cough research and yes

783

00:36:20,000 --> 00:36:46,500

that concludes

784

00:36:52,510 --> 00:36:49,359

the skeptic magazine the journal from

785

00:36:54,730 --> 00:36:52,520

Australian skeptics subscribe online to

786

00:37:00,040 --> 00:36:54,740

the world's second oldest skeptical

787

00:37:02,800 --> 00:37:00,050

magazine visit w WC APA mau and click

788

00:37:06,760 --> 00:37:02,810

the publication's league you can also

789

00:37:10,090 --> 00:37:06,770

find their over 30 years on back issues

790

00:37:27,769 --> 00:37:10,100

free to download the skeptic magazine

791

00:37:31,890 --> 00:37:29,789

thank you for listening with a skeptic

792

00:37:32,849 --> 00:37:31,900

zone this week a bit of a short episode

793

00:37:34,920 --> 00:37:32,859

I hope you found it interesting

794

00:37:36,769 --> 00:37:34,930

congratulations to the big winners and

795

00:37:39,839 --> 00:37:36,779

losers of the skeptical awards and

796

00:37:43,079 --> 00:37:39,849

Maynard and Joe again a great time to be

797

00:37:44,999 --> 00:37:43,089

at a skeptical convention am and we look

798

00:37:48,359 --> 00:37:45,009

forward in the future weeks to lots of

799

00:37:50,009 --> 00:37:48,369

reports from this convention yes and the

800

00:37:51,509 --> 00:37:50,019

next one and then I'm looking forward to

801
00:37:53,459 --> 00:37:51,519
the next one already this one hasn't

802
00:37:55,140 --> 00:37:53,469
even finished as we're recording yeah

803
00:37:57,689 --> 00:37:55,150
they haven't announced with next one's

804
00:38:01,890 --> 00:37:57,699
gonna be hmm I'm hoping it'll be

805
00:38:03,509 --> 00:38:01,900
laguardia airport I'm hoping Humpty Doo

806
00:38:05,729 --> 00:38:03,519
how do you do that's where we wanted to

807
00:38:07,439 --> 00:38:05,739
be well thanks skipping zone team oh

808
00:38:09,689 --> 00:38:07,449
it's been wonderful to be here at the

809
00:38:12,120 --> 00:38:09,699
skeptics own table so many people coming

810
00:38:13,589 --> 00:38:12,130
up and took to chat about the show and

811
00:38:16,949 --> 00:38:13,599
thank you to all those people but for

812
00:38:18,599 --> 00:38:16,959
this week from Brisbane in Queensland in

813
00:38:20,819 --> 00:38:18,609

Australia this is Richard Saunders and

814

00:38:23,719 --> 00:38:20,829

Joe alabaster and we're sweating in our

815

00:38:29,609 --> 00:38:23,729

undies it's humid here what undies

816

00:38:35,700 --> 00:38:31,920

you've been listening to the skeptics

817

00:38:38,609 --> 00:38:35,710

own podcast visit our website at wwc a

818

00:38:42,029 --> 00:38:38,619

petting zoo TV for contacts an archive

819

00:38:44,759 --> 00:38:42,039

of all episodes since 2008 and our

820

00:38:46,670 --> 00:38:44,769

online store please support the skeptic

821

00:38:49,829 --> 00:38:46,680

zone by following us on twitter at

822

00:38:53,460 --> 00:38:49,839

skeptic zone liking us on facebook and

823

00:38:55,620 --> 00:38:53,470

leaving a review on iTunes you can also

824

00:38:58,819 --> 00:38:55,630

show your support by subscribing via

825

00:39:01,589 --> 00:38:58,829

paypal for as little as 99 cents a week

826

00:39:03,180 --> 00:39:01,599

the skeptic zone is an independent

827

00:39:05,640 --> 00:39:03,190

production the views and opinions

828

00:39:07,710 --> 00:39:05,650

expressed on the skeptic zone and not