

1
00:00:06,540 --> 00:00:14,120
welcome to the skeptic zone the podcast

2
00:00:09,509 --> 00:00:14,120
from Australia for science and reason

3
00:00:20,379 --> 00:00:27,410
hello and welcome to the skeptic zone

4
00:00:23,239 --> 00:00:29,929
episode number 102 for the first of

5
00:00:27,410 --> 00:00:32,750
October 2010 Richard Saunders here with

6
00:00:29,929 --> 00:00:35,869
you in Sydney Australia on this week's

7
00:00:32,750 --> 00:00:38,719
episode we have our two two interviews

8
00:00:35,869 --> 00:00:41,689
conducted by dr. Aichi the first one is

9
00:00:38,719 --> 00:00:44,170
with our good friend Bruce M hood it was

10
00:00:41,689 --> 00:00:48,439
such a delight to meet Bruce M hood at

11
00:00:44,170 --> 00:00:51,109
tam 8 in Las Vegas what a character what

12
00:00:48,439 --> 00:00:53,599
a character he is great fun that's

13
00:00:51,109 --> 00:00:56,840
followed by a short report by our good

14
00:00:53,600 --> 00:00:58,969
friend Maynard as last week dr. rage and

15
00:00:56,840 --> 00:01:02,540
I traveled up to Newcastle with Maynard

16
00:00:58,969 --> 00:01:06,439
and visited the leftovers of the big

17
00:01:02,539 --> 00:01:09,319
prawn very sad very sad carried on and

18
00:01:06,439 --> 00:01:11,659
spoke at the you castle unifor the

19
00:01:09,319 --> 00:01:15,469
atheists there we gave our talks on

20
00:01:11,659 --> 00:01:18,379
skepticism and investigating claims of

21
00:01:15,469 --> 00:01:20,780
alternative medicine Maynard was on hand

22
00:01:18,379 --> 00:01:22,909
with his microphone and he did a report

23
00:01:20,780 --> 00:01:25,519
for ABC radio which we are thrilled to

24
00:01:22,909 --> 00:01:28,189
be able to replay for you on this

25
00:01:25,519 --> 00:01:30,289
episode after that one more report by

26
00:01:28,189 --> 00:01:33,530
dr. Reggie one more interview with

27
00:01:30,290 --> 00:01:35,450
Maggie McPhee now if you're in the

28
00:01:33,530 --> 00:01:37,700
united states or canada i guess and you

29

00:01:35,450 --> 00:01:39,740
want to give us a call give us a ring

30
00:01:37,700 --> 00:01:41,780
leave us a voice message that we can

31
00:01:39,739 --> 00:01:44,509
play on the show if you have a question

32
00:01:41,780 --> 00:01:46,728
or a comment rather than email you can

33
00:01:44,510 --> 00:01:56,890
always do that we have a special number

34
00:01:46,728 --> 00:02:07,280
in the United States call 6 46 49 59 205

35
00:01:56,890 --> 00:02:12,409
that's 6 46 49 59 205 extension 933 46

36
00:02:07,280 --> 00:02:14,689
that's extension 933 46 and you can

37
00:02:12,409 --> 00:02:20,870
leave us a message isn't technology

38
00:02:14,689 --> 00:02:24,169
wonderful so relax have that lovely neat

39
00:02:20,870 --> 00:02:26,799
vodka and enjoy this episode of the

40
00:02:24,169 --> 00:02:26,798
skeptic zone

41
00:02:35,968 --> 00:02:42,250
Bruce M put is currently the director of

42
00:02:39,729 --> 00:02:44,289
the Bristol cognitive development center

43
00:02:42,250 --> 00:02:46,620

in the experimental psychology

44

00:02:44,289 --> 00:02:48,938

department at the University of Bristol

45

00:02:46,620 --> 00:02:50,408

he has been a research fellow at

46

00:02:48,938 --> 00:02:54,250

Cambridge University and University

47

00:02:50,408 --> 00:02:57,149

College London a visiting scientist at

48

00:02:54,250 --> 00:02:59,739

MIT and the faculty professor at Harvard

49

00:02:57,150 --> 00:03:02,408

he was awarded an Alfred Sloan

50

00:02:59,739 --> 00:03:03,819

fellowship in neuroscience the young

51

00:03:02,408 --> 00:03:05,858

investigator award from the

52

00:03:03,818 --> 00:03:08,500

international society of indian see

53

00:03:05,859 --> 00:03:10,870

researchers the robert france memorial

54

00:03:08,500 --> 00:03:13,359

award and recently voted into the

55

00:03:10,870 --> 00:03:17,799

fellowship status by the Society of

56

00:03:13,359 --> 00:03:20,459

American Psychological Science Wow he

57

00:03:17,799 --> 00:03:22,239

also does a great barber shop quartet

58
00:03:20,459 --> 00:03:23,979
especially if you get him in a barn

59
00:03:22,239 --> 00:03:27,009
stick a false mustache on him as I

60
00:03:23,979 --> 00:03:35,918
remember once dr. Reggie caught up with

61
00:03:27,009 --> 00:03:38,469
Bruce add the amazing mediate okay i'm

62
00:03:35,919 --> 00:03:41,530
here at Tom eight in Las Vegas in the

63
00:03:38,469 --> 00:03:43,840
south point casino in the SGU interview

64
00:03:41,530 --> 00:03:46,840
room with Bruce would are they Professor

65
00:03:43,840 --> 00:03:49,090
Bruce Smith hello dr. Richard how are

66
00:03:46,840 --> 00:03:50,709
you I'm very well slightly jet lag but

67
00:03:49,090 --> 00:03:52,359
getting back to speed so how you

68
00:03:50,709 --> 00:03:53,889
enjoying the conference so far I'm

69
00:03:52,359 --> 00:03:56,079
having a great time although I did to

70
00:03:53,889 --> 00:03:58,419
fall asleep at one point but I think I'm

71
00:03:56,079 --> 00:04:01,239
sinking back in with my quads but it's

72
00:03:58,419 --> 00:04:04,870
amazing is this a weird bizarre mix of

73
00:04:01,239 --> 00:04:07,329
diverse people who so I'm still not sure

74
00:04:04,870 --> 00:04:08,469
what to make of it but yeah it's fun but

75
00:04:07,329 --> 00:04:10,930
you've done to him before right you've

76
00:04:08,469 --> 00:04:12,699
done 10 london avenue yeah i did the

77
00:04:10,930 --> 00:04:15,219
fringe event there and but it's a very

78
00:04:12,699 --> 00:04:19,000
different different different crowd i

79
00:04:15,219 --> 00:04:21,608
think yeah yeah or I think server 2 pi

80
00:04:19,000 --> 00:04:24,038
think it's right yeah I seen a lot of

81
00:04:21,608 --> 00:04:26,918
tattoos this time was very nicely yeah

82
00:04:24,038 --> 00:04:28,329
oh that's funny well because I wouldn't

83
00:04:26,918 --> 00:04:30,430
call this casino particularly

84
00:04:28,329 --> 00:04:32,408
conservative it's a bit I mean for those

85
00:04:30,430 --> 00:04:35,079
of Allison's you haven't been to town in

86

00:04:32,408 --> 00:04:37,329
Vegas we're not on the strip we're sort

87
00:04:35,079 --> 00:04:39,259
of away from the main part of you know

88
00:04:37,329 --> 00:04:42,089
the garish

89
00:04:39,259 --> 00:04:43,800
Eiffel Towers and huge casinos and this

90
00:04:42,089 --> 00:04:45,000
casino is sort of its own entity but

91
00:04:43,800 --> 00:04:47,250
it's quite a far far away from

92
00:04:45,000 --> 00:04:48,959
everything else so yeah yeah I'm

93
00:04:47,250 --> 00:04:53,728
interestingly there's a there's a couple

94
00:04:48,959 --> 00:04:55,019
of conferences overlapping so yes I was

95
00:04:53,728 --> 00:04:56,789
three I was sitting down with the

96
00:04:55,019 --> 00:04:59,430
Australian skeptics table at your table

97
00:04:56,790 --> 00:05:00,990
today and somebody came out and clearly

98
00:04:59,430 --> 00:05:03,689
it must be some religious conference but

99
00:05:00,990 --> 00:05:05,639
they had a very scowl on their face yeah

100
00:05:03,689 --> 00:05:07,168

and through their coffee into the bucket

101

00:05:05,639 --> 00:05:08,819

next to me then turned around went back

102

00:05:07,168 --> 00:05:09,870

into their meeting so clearly I think

103

00:05:08,819 --> 00:05:12,060

they're aware that the right in the

104

00:05:09,870 --> 00:05:13,918

midst of a skeptics kind of yeah Mecca

105

00:05:12,060 --> 00:05:15,418

and didn't you have an interesting

106

00:05:13,918 --> 00:05:17,728

incident with someone looking for

107

00:05:15,418 --> 00:05:20,339

Richard Dawkins or something cuz richard

108

00:05:17,728 --> 00:05:22,319

died in here right this is I'm not sure

109

00:05:20,339 --> 00:05:24,869

when he's speaking but yeah he had a

110

00:05:22,319 --> 00:05:27,839

stalker today to me yeah yeah he's on

111

00:05:24,870 --> 00:05:30,720

the he's on the Saturday after me I'm is

112

00:05:27,839 --> 00:05:32,279

more of a bang man known as always he

113

00:05:30,720 --> 00:05:35,460

doesn't well not exactly but I'd like to

114

00:05:32,279 --> 00:05:38,969

think so yeah but know this woman looked

115
00:05:35,459 --> 00:05:40,168
slightly crazed she was either she she

116
00:05:38,970 --> 00:05:42,180
came up and said to have you seen

117
00:05:40,168 --> 00:05:44,069
Richard Dawkins I'm i appointed i think

118
00:05:42,180 --> 00:05:47,370
he went that way what time did he pass

119
00:05:44,069 --> 00:05:50,879
by that point I said well maybe he went

120
00:05:47,370 --> 00:05:53,370
the other way I was sure she was a fan

121
00:05:50,879 --> 00:05:55,019
or fanatic or are crazed oh maybe she

122
00:05:53,370 --> 00:05:56,939
was from the other conference maybe she

123
00:05:55,019 --> 00:06:00,029
was cynical Chris yes she did have a

124
00:05:56,939 --> 00:06:03,750
very a look of urgency on her face ok ok

125
00:06:00,029 --> 00:06:07,109
so you sort of came late to being at an

126
00:06:03,750 --> 00:06:09,319
this yeah it was really a stroke of luck

127
00:06:07,110 --> 00:06:12,689
and arrogance because I just decided

128
00:06:09,319 --> 00:06:15,149
well I emailed the DJ Grothe and I said

129
00:06:12,689 --> 00:06:17,370
hey you wouldn't have to have any slots

130
00:06:15,149 --> 00:06:19,199
left with you and he wrote back to ya be

131
00:06:17,370 --> 00:06:20,819
great to have you over and it was a real

132
00:06:19,199 --> 00:06:22,589
last-minute thing and he pulled out all

133
00:06:20,819 --> 00:06:24,418
the stops you know they got everything

134
00:06:22,589 --> 00:06:25,888
sorted out arranged for me and so I've

135
00:06:24,418 --> 00:06:27,689
turned up on the bill but slightly

136
00:06:25,889 --> 00:06:29,189
unannounced but I'm really just stand to

137
00:06:27,689 --> 00:06:30,509
light over here it's great but you've

138
00:06:29,189 --> 00:06:35,060
also turned up without something else

139
00:06:30,509 --> 00:06:38,719
haven't you first oh you mean my wallet

140
00:06:35,060 --> 00:06:40,668
I know I feel so stupid I know and uh

141
00:06:38,720 --> 00:06:43,310
yeah it's actually it's a bleeding a

142
00:06:40,668 --> 00:06:44,930
blessing in disguise I've been told that

143

00:06:43,310 --> 00:06:47,060
actually turning up in Vegas with it

144
00:06:44,930 --> 00:06:49,970
with a credit card could be at the end

145
00:06:47,060 --> 00:06:51,800
of a of a professional career I let

146
00:06:49,970 --> 00:06:53,060
alone sort of financial security so

147
00:06:51,800 --> 00:06:55,340
maybe it's not such a bad thing maybe

148
00:06:53,060 --> 00:06:56,660
it's divine intervention so possibly it

149
00:06:55,339 --> 00:06:58,159
doesn't mean everyone else is buying you

150
00:06:56,660 --> 00:07:00,919
drinks I am getting the sympathy vote

151
00:06:58,160 --> 00:07:02,600
like nothing I ever so please that's

152
00:07:00,918 --> 00:07:04,699
going for my real sort of Scottish shirt

153
00:07:02,600 --> 00:07:07,310
no that's not true yes got a charity

154
00:07:04,699 --> 00:07:09,259
that's my reputation for being yes it's

155
00:07:07,310 --> 00:07:10,879
no don't I know we're absolutely

156
00:07:09,259 --> 00:07:14,089
generous when it comes to drinks let's

157
00:07:10,879 --> 00:07:16,219

just other people's drinks oh no no it

158

00:07:14,089 --> 00:07:19,209

was a it's been actually i twittered it

159

00:07:16,220 --> 00:07:21,770

this morning and i got a whole lot of

160

00:07:19,209 --> 00:07:23,799

followers who are clearly here offering

161

00:07:21,769 --> 00:07:26,839

to give me cash and offering to buy me

162

00:07:23,800 --> 00:07:28,790

breakfast and so yeah it's been a real

163

00:07:26,839 --> 00:07:30,560

useful way of cake to know a lot of

164

00:07:28,790 --> 00:07:33,200

people quickly yes I'm going to lose my

165

00:07:30,560 --> 00:07:34,399

wallet more often to see how or at least

166

00:07:33,199 --> 00:07:35,870

just tell people you're blessed our

167

00:07:34,399 --> 00:07:37,549

lease tell ya it's a bit of a nightmare

168

00:07:35,870 --> 00:07:40,100

to be honest the frankly it just reminds

169

00:07:37,550 --> 00:07:42,259

you of how dependent we are on credit

170

00:07:40,100 --> 00:07:43,640

currents getting around the foreign

171

00:07:42,259 --> 00:07:44,839

country without me was a bit of writing

172
00:07:43,639 --> 00:07:46,788
and I would have thought the US was a

173
00:07:44,839 --> 00:07:49,399
little bit more kind of organized that

174
00:07:46,788 --> 00:07:50,509
way but in replacing indica yes I was on

175
00:07:49,399 --> 00:07:52,009
the phone to India this morning

176
00:07:50,509 --> 00:07:53,689
canceling everything so even if they

177
00:07:52,009 --> 00:07:55,939
turn up i'm still screwed but doesn't

178
00:07:53,689 --> 00:07:57,680
matter well we've actually had you on

179
00:07:55,939 --> 00:07:59,750
the zone before my listo just

180
00:07:57,680 --> 00:08:01,310
interviewed you when yes 14 smiley yeah

181
00:07:59,750 --> 00:08:04,038
when your books to percents was first

182
00:08:01,310 --> 00:08:06,769
released so some of Alice's may remember

183
00:08:04,038 --> 00:08:08,180
you from that but since then I think

184
00:08:06,769 --> 00:08:10,250
it's since then and correct me if I'm

185
00:08:08,180 --> 00:08:13,610
wrong you've been heavily involved in

186
00:08:10,250 --> 00:08:16,430
the debunking of the bomb detective oh

187
00:08:13,610 --> 00:08:18,710
yeah Afghanistan has that happens to the

188
00:08:16,430 --> 00:08:21,350
other half spoke to us I did in fact yes

189
00:08:18,709 --> 00:08:25,969
it happened all kicked off in October

190
00:08:21,350 --> 00:08:27,320
because there was a your Times expose a

191
00:08:25,970 --> 00:08:30,650
on this how biddick who's actually going

192
00:08:27,319 --> 00:08:32,929
to be the chair of my session he he was

193
00:08:30,649 --> 00:08:35,149
took part in this this explosive in New

194
00:08:32,929 --> 00:08:37,579
York Times and basically some Germans

195
00:08:35,149 --> 00:08:39,649
have fluid on to Iraq and this company

196
00:08:37,580 --> 00:08:41,120
had been selling you know I don't know

197
00:08:39,649 --> 00:08:44,360
what the figure is but in extraordinary

198
00:08:41,120 --> 00:08:45,860
figure something like 40 to 60 million

199
00:08:44,360 --> 00:08:47,159
dollars worth of these bomb detection

200

00:08:45,860 --> 00:08:49,409
devices which sure

201
00:08:47,159 --> 00:08:53,309
effectively just dowsing rods there's a

202
00:08:49,409 --> 00:08:55,559
t.a de 651 I would that court less 86

203
00:08:53,309 --> 00:08:57,028
funds may be a company called ATSC now I

204
00:08:55,559 --> 00:08:58,469
didn't think much about it I thought oh

205
00:08:57,028 --> 00:09:00,028
there's another example of crazy people

206
00:08:58,470 --> 00:09:03,860
spending far too much money than having

207
00:09:00,028 --> 00:09:06,528
sense and then are another bomb went off

208
00:09:03,860 --> 00:09:08,310
and i discovered the company and

209
00:09:06,528 --> 00:09:09,778
literally you know hundreds of lives

210
00:09:08,309 --> 00:09:12,149
have been lost so this was not a trivial

211
00:09:09,778 --> 00:09:13,828
thing that i discovered to my horror

212
00:09:12,149 --> 00:09:15,240
that the company was baseless about

213
00:09:13,828 --> 00:09:17,849
10-15 miles down the road from me in

214
00:09:15,240 --> 00:09:19,799

Somerset rural England you know right I

215

00:09:17,850 --> 00:09:21,209

studied the thing came for you know it

216

00:09:19,799 --> 00:09:23,188

came very close to home and at that

217

00:09:21,208 --> 00:09:25,198

point I was really a little bit outraged

218

00:09:23,188 --> 00:09:26,879

so I blogged again and said look we

219

00:09:25,198 --> 00:09:28,740

really have got to contact our MPs we

220

00:09:26,879 --> 00:09:31,050

got to you know mobilize the troops it

221

00:09:28,740 --> 00:09:33,299

is something that's my surprise the

222

00:09:31,049 --> 00:09:35,698

director of the company Jim McCormack he

223

00:09:33,299 --> 00:09:37,049

left a comment on my blog say uh you

224

00:09:35,698 --> 00:09:39,599

know you don't believe all the negative

225

00:09:37,049 --> 00:09:41,458

stuff come down and have a look so you

226

00:09:39,600 --> 00:09:43,949

basically challenged me to go down and

227

00:09:41,458 --> 00:09:45,719

see this no great yeah I just a lot of

228

00:09:43,948 --> 00:09:47,188

skeptics start you know they saw the

229
00:09:45,720 --> 00:09:48,990
commentary and they serve said mean

230
00:09:47,188 --> 00:09:50,309
things you know things to ask him you

231
00:09:48,990 --> 00:09:52,560
know double-wide the experiment things

232
00:09:50,309 --> 00:09:54,119
that any good scientist should do but at

233
00:09:52,559 --> 00:09:55,888
that point I realize actually you know

234
00:09:54,120 --> 00:09:58,139
probably what we could do here is really

235
00:09:55,889 --> 00:10:02,909
try and expose him as he should do so I

236
00:09:58,139 --> 00:10:04,680
contacted the BBC and we tried setting

237
00:10:02,909 --> 00:10:07,588
oh how do you do that you swing a Hello

238
00:10:04,679 --> 00:10:09,989
Baby say hello yeah its briefs quality

239
00:10:07,589 --> 00:10:11,490
yeah I tried I had tried a bunch of guys

240
00:10:09,990 --> 00:10:12,980
try wallpapers and they weren't really

241
00:10:11,490 --> 00:10:15,959
interested but that I got this call from

242
00:10:12,980 --> 00:10:19,230
Marion Jones from news night and

243
00:10:15,958 --> 00:10:20,429
actually Caroline Hawley was the Middle

244
00:10:19,230 --> 00:10:21,959
East correspondent on it and they were

245
00:10:20,429 --> 00:10:24,419
kind of aware of the case but they never

246
00:10:21,958 --> 00:10:25,919
had didn't have any contact so they stay

247
00:10:24,419 --> 00:10:27,240
in the New York yeah they sin the New

248
00:10:25,919 --> 00:10:28,528
York pace but they didn't know that you

249
00:10:27,240 --> 00:10:32,278
know they hadn't been following up this

250
00:10:28,528 --> 00:10:34,889
guy in Somerset so and the other bit of

251
00:10:32,278 --> 00:10:36,990
really useful input I had was that one

252
00:10:34,889 --> 00:10:39,600
of the guys had make the cards because

253
00:10:36,990 --> 00:10:41,938
the McCormick was of having a these

254
00:10:39,600 --> 00:10:44,159
equipment made us where he contacted me

255
00:10:41,938 --> 00:10:45,568
and so they got our hands on the cards

256
00:10:44,159 --> 00:10:47,669
these are the substance car so you put

257

00:10:45,568 --> 00:10:49,948
inside the detector that allows you to

258
00:10:47,669 --> 00:10:51,539
resonate with dead bodies or ivory or

259
00:10:49,948 --> 00:10:53,128
whatever okay can you give us a little

260
00:10:51,539 --> 00:10:54,559
fried oysters who aren't familiar with

261
00:10:53,129 --> 00:10:55,789
what these things look like

262
00:10:54,559 --> 00:10:58,579
they're supposed to work can you give us

263
00:10:55,789 --> 00:11:00,469
a quick yeah it's it's like a handheld

264
00:10:58,580 --> 00:11:02,270
piece of plastic which has a swiveling

265
00:11:00,470 --> 00:11:06,230
rod very much similar and I think

266
00:11:02,269 --> 00:11:08,000
probably is a car aerial so it's and

267
00:11:06,230 --> 00:11:10,490
these things cost what forty thousand

268
00:11:08,000 --> 00:11:12,019
pounds another fifteen thousand pounds

269
00:11:10,490 --> 00:11:14,299
but then McCormick has always claimed

270
00:11:12,019 --> 00:11:15,919
that the actual device costs five

271
00:11:14,299 --> 00:11:17,870

thousand the wrestle to do a training I

272

00:11:15,919 --> 00:11:19,969

suspect it's all to do a backhand as you

273

00:11:17,870 --> 00:11:21,470

know as you sell these things on but

274

00:11:19,970 --> 00:11:23,210

then it has this little lead that feeds

275

00:11:21,470 --> 00:11:24,470

into a box which clips onto a belt

276

00:11:23,210 --> 00:11:25,850

around the waist and in the box are

277

00:11:24,470 --> 00:11:28,250

supposed to insert these cards the

278

00:11:25,850 --> 00:11:30,680

substance detecting cars hmm and it

279

00:11:28,250 --> 00:11:32,419

resonates and this way tonight that's

280

00:11:30,679 --> 00:11:34,429

what were the more progressive right

281

00:11:32,419 --> 00:11:36,199

morphic red like this dr h e'd there's

282

00:11:34,429 --> 00:11:39,559

always kind of pseudoscience words and

283

00:11:36,200 --> 00:11:41,960

was old nano a gente was there any

284

00:11:39,559 --> 00:11:43,639

quantum in there yeah absolutely oh yeah

285

00:11:41,960 --> 00:11:45,170

quantum magnetic resonance he called it

286
00:11:43,639 --> 00:11:49,639
that was the term there you go choking

287
00:11:45,169 --> 00:11:51,889
oh yeah qmr essence going so it was kind

288
00:11:49,639 --> 00:11:55,338
of a little bit i don't concept the BBC

289
00:11:51,889 --> 00:11:56,659
and we set about trying to arrange a

290
00:11:55,339 --> 00:11:58,400
meeting and we went through this

291
00:11:56,659 --> 00:12:00,259
cat-and-mouse game of setting up a date

292
00:11:58,399 --> 00:12:01,639
and then he would decline and at that

293
00:12:00,259 --> 00:12:04,879
point the net was starting to close in

294
00:12:01,639 --> 00:12:06,830
because the Iraqi governor been called

295
00:12:04,879 --> 00:12:09,259
to question about these devices so he

296
00:12:06,830 --> 00:12:11,120
did this infamous display on the Iraqi

297
00:12:09,259 --> 00:12:12,830
television where he has one of the

298
00:12:11,120 --> 00:12:14,389
soldiers holding this device and by the

299
00:12:12,830 --> 00:12:16,040
way it works by the ideomotor effect no

300
00:12:14,389 --> 00:12:17,449
don't have your route listens I've seen

301
00:12:16,039 --> 00:12:20,750
this but very simply if you take any

302
00:12:17,450 --> 00:12:24,200
very finely balanced fulcrum any balance

303
00:12:20,750 --> 00:12:26,509
pendulum okay and you kind of try and

304
00:12:24,200 --> 00:12:28,460
hold it steady but your attention is

305
00:12:26,509 --> 00:12:29,899
drawn something in the room or you see

306
00:12:28,460 --> 00:12:31,100
something it will naturally swing

307
00:12:29,899 --> 00:12:33,350
towards it because as these

308
00:12:31,100 --> 00:12:35,210
imperceptible body movements which set

309
00:12:33,350 --> 00:12:36,290
the thing off swinging or moving so

310
00:12:35,210 --> 00:12:38,900
that's what it is it's it was

311
00:12:36,289 --> 00:12:40,309
demonstrated by Faraday about 110 years

312
00:12:38,899 --> 00:12:41,809
ago it's a well-known effective

313
00:12:40,309 --> 00:12:43,849
convincing and Randy of course James

314

00:12:41,809 --> 00:12:44,989
Randy from Randy foundation had talked

315
00:12:43,850 --> 00:12:48,680
about these things a couple of years ago

316
00:12:44,990 --> 00:12:50,330
so everyone knew it was bogus I niet

317
00:12:48,679 --> 00:12:52,129
McCormick was doing very well at selling

318
00:12:50,330 --> 00:12:54,139
these sorts of things so tell me more

319
00:12:52,129 --> 00:12:55,458
about this Iraqi TV demonstration he did

320
00:12:54,139 --> 00:12:58,850
what did that it well the head of a

321
00:12:55,458 --> 00:13:00,528
rocky defense had requisitioned all

322
00:12:58,850 --> 00:13:03,730
these devices there was no other device

323
00:13:00,528 --> 00:13:06,559
there was no subpoena was no systematic

324
00:13:03,730 --> 00:13:07,560
ferrara investigation or thorough

325
00:13:06,559 --> 00:13:08,849
examination

326
00:13:07,559 --> 00:13:11,399
expressive through checkpoints every

327
00:13:08,850 --> 00:13:13,649
checkpoint in Iraq was man with these

328
00:13:11,399 --> 00:13:15,209

devices so every checkpoint every Chapel

329

00:13:13,649 --> 00:13:16,919

yeah so they weren't even bothering to

330

00:13:15,210 --> 00:13:19,110

search the vehicle so I'm just pointing

331

00:13:16,919 --> 00:13:21,089

these car aerals on it hoping that they

332

00:13:19,110 --> 00:13:23,269

would detect these devices and then

333

00:13:21,090 --> 00:13:26,639

within this time can we can we just um

334

00:13:23,269 --> 00:13:29,250

emphasized to us that there were people

335

00:13:26,639 --> 00:13:31,080

dying from yeah blast yeah the last one

336

00:13:29,250 --> 00:13:33,750

on December the fifth the fifth the big one was

337

00:13:31,080 --> 00:13:36,389

400 and killed and that blast alone so

338

00:13:33,750 --> 00:13:39,000

that was the the one which was the last

339

00:13:36,389 --> 00:13:41,870

big one they were call to accounts and

340

00:13:39,000 --> 00:13:44,909

the press turned up the Iraqi press and

341

00:13:41,870 --> 00:13:46,379

they had a grenade and full view and the

342

00:13:44,909 --> 00:13:48,659

soldier was holding this device walking

343
00:13:46,379 --> 00:13:50,338
past and up and down past it I'm not too

344
00:13:48,659 --> 00:13:51,719
surprising device swings and there

345
00:13:50,339 --> 00:13:53,490
because they could stay it of course he

346
00:13:51,720 --> 00:13:54,810
could see it right and if he hadn't been

347
00:13:53,490 --> 00:13:56,490
instructed moved to damn think he

348
00:13:54,809 --> 00:13:57,989
probably would have did it anyway so it

349
00:13:56,490 --> 00:13:59,879
wasn't exactly a blinded test now

350
00:13:57,990 --> 00:14:01,680
notably the same thing happened to

351
00:13:59,879 --> 00:14:04,620
entire line with a slightly separate

352
00:14:01,679 --> 00:14:07,229
device called the gt2 2000 i think is or

353
00:14:04,620 --> 00:14:08,519
gt200 i should say i may actually did

354
00:14:07,230 --> 00:14:09,930
the proper studies you know they did it

355
00:14:08,519 --> 00:14:12,838
double blinded they were you couldn't

356
00:14:09,929 --> 00:14:14,309
see where the targets were and they

357
00:14:12,839 --> 00:14:16,080
announced that their studies had shown

358
00:14:14,309 --> 00:14:18,359
in fact these devices didn't work love

359
00:14:16,080 --> 00:14:20,100
it's significantly better than chance so

360
00:14:18,360 --> 00:14:21,870
credit to the you know the Thai

361
00:14:20,100 --> 00:14:23,100
government they actually did investigate

362
00:14:21,870 --> 00:14:25,080
and in fact I think they tried to

363
00:14:23,100 --> 00:14:27,720
prosecute the the chap who was

364
00:14:25,080 --> 00:14:29,910
responsible for buying these devices so

365
00:14:27,720 --> 00:14:31,950
these devices in Thailand where they

366
00:14:29,909 --> 00:14:33,240
they weren't manufactured by June did

367
00:14:31,950 --> 00:14:35,850
they come from Jim McCormack no they

368
00:14:33,240 --> 00:14:37,649
came from his former partner a company

369
00:14:35,850 --> 00:14:39,180
which which makes the gt200 which is

370
00:14:37,649 --> 00:14:40,529
it's all intensive purposes exactly the

371

00:14:39,179 --> 00:14:42,929
same device I think it doesn't have the

372
00:14:40,529 --> 00:14:46,199
substance Carter or maybe it's built

373
00:14:42,929 --> 00:14:47,549
into the to the the actual handle that

374
00:14:46,200 --> 00:14:49,620
holds it but it's effectively saw the

375
00:14:47,549 --> 00:14:51,000
same thing so then the shutdown as well

376
00:14:49,620 --> 00:14:53,339
right but tell me more about these

377
00:14:51,000 --> 00:14:54,539
substance cards yeah you actually had

378
00:14:53,339 --> 00:14:57,150
some of these in your wallet I don't

379
00:14:54,539 --> 00:14:58,860
know it was last rating I know I know so

380
00:14:57,149 --> 00:15:00,419
what are they supposed to be do you want

381
00:14:58,860 --> 00:15:02,250
put the substance in the card and then

382
00:15:00,419 --> 00:15:04,500
they change the rather have a Segway the

383
00:15:02,250 --> 00:15:07,919
car looks like a regular sized credit

384
00:15:04,500 --> 00:15:10,110
card and it has a chip inside and so we

385
00:15:07,919 --> 00:15:12,329

do these chips to analysis in Cambridge

386

00:15:10,110 --> 00:15:15,450

an electronics expert opin one out and

387

00:15:12,330 --> 00:15:16,860

farther inside it contained you know

388

00:15:15,450 --> 00:15:19,528

those security chips that you get on

389

00:15:16,860 --> 00:15:21,509

devices when you the set off alarms

390

00:15:19,528 --> 00:15:23,068

shops that's all that is actively it's

391

00:15:21,509 --> 00:15:24,839

just a little bit of wiry it looks sort

392

00:15:23,068 --> 00:15:26,610

of scientific which just makes me think

393

00:15:24,839 --> 00:15:29,129

more and more that this was a cynical

394

00:15:26,610 --> 00:15:30,899

attempt by mccormick to pass off you

395

00:15:29,129 --> 00:15:33,209

know this is a legitimate scientific

396

00:15:30,899 --> 00:15:35,188

technology when clearly he knew because

397

00:15:33,208 --> 00:15:38,338

he provided the circuits that this was

398

00:15:35,188 --> 00:15:40,469

just your fake so i can't buy the story

399

00:15:38,339 --> 00:15:42,120

that you know somehow he was being naive

400
00:15:40,470 --> 00:15:43,889
I think he's been deliberately deceptive

401
00:15:42,120 --> 00:15:45,448
so yeah they opened up one of these

402
00:15:43,889 --> 00:15:47,100
cards and father couldn't possibly

403
00:15:45,448 --> 00:15:49,528
contain any information that would ever

404
00:15:47,100 --> 00:15:51,389
code anything I mean it was suicide from

405
00:15:49,528 --> 00:15:52,860
the start every physicist I'd spoken to

406
00:15:51,389 --> 00:15:55,110
every person he knew anything about it

407
00:15:52,860 --> 00:15:58,318
there's just no way you know nuclear

408
00:15:55,110 --> 00:16:00,089
magnetic or nanotechnology yeah magnetic

409
00:15:58,318 --> 00:16:03,198
resonance could work before NMR is a

410
00:16:00,089 --> 00:16:06,269
real thing but not magnetic resonance no

411
00:16:03,198 --> 00:16:08,818
no so so that was so what so what

412
00:16:06,269 --> 00:16:12,149
happened was is that in January the BBC

413
00:16:08,818 --> 00:16:14,719
turned up in the kind of the factory

414
00:16:12,149 --> 00:16:17,339
which is effectively just an office and

415
00:16:14,720 --> 00:16:18,870
he wasn't present he was out of the

416
00:16:17,339 --> 00:16:21,360
country then they went to his house and

417
00:16:18,870 --> 00:16:22,948
the there was no his wife answered the

418
00:16:21,360 --> 00:16:24,149
door there was no in a home apparently

419
00:16:22,948 --> 00:16:26,549
but it was quite clear he was there he

420
00:16:24,149 --> 00:16:28,289
just wasn't who's just pressuring but he

421
00:16:26,549 --> 00:16:30,359
had just been arrested anyway by even

422
00:16:28,289 --> 00:16:33,599
Somerset Police and on the basis of the

423
00:16:30,360 --> 00:16:35,970
documentary which was broadcast the

424
00:16:33,600 --> 00:16:39,689
government imposed the next book order

425
00:16:35,970 --> 00:16:42,000
ban on these devices and as we currently

426
00:16:39,688 --> 00:16:44,549
speak to mccormick is still awaiting

427
00:16:42,000 --> 00:16:47,278
trial but the other good news was about

428

00:16:44,549 --> 00:16:49,649
last last month the London police their

429
00:16:47,278 --> 00:16:51,720
international fraud squad raided three

430
00:16:49,649 --> 00:16:54,778
other companies in the London area

431
00:16:51,720 --> 00:16:56,579
including the company gt200 and seized

432
00:16:54,778 --> 00:16:58,620
their assets and shove them down really

433
00:16:56,578 --> 00:17:03,808
yeah so progress is being made though I

434
00:16:58,620 --> 00:17:05,849
have to say it looks like ATSC started

435
00:17:03,808 --> 00:17:07,949
up again are still trading so although

436
00:17:05,849 --> 00:17:11,279
he's on that is that him or Thailand

437
00:17:07,949 --> 00:17:13,860
itsm well 1880s esat-6 vestry

438
00:17:11,279 --> 00:17:15,838
McCormick's Creek so because the export

439
00:17:13,859 --> 00:17:17,250
order bad is on only two countries in

440
00:17:15,838 --> 00:17:19,859
which British interests are involved

441
00:17:17,250 --> 00:17:22,349
that was the that was the extent of the

442
00:17:19,859 --> 00:17:24,000

band so that leaves every other country

443

00:17:22,349 --> 00:17:27,418

every other destination every other

444

00:17:24,000 --> 00:17:28,679

corrupt you know government to find

445

00:17:27,419 --> 00:17:29,040

someone who's willing to spend money on

446

00:17:28,679 --> 00:17:34,560

this

447

00:17:29,039 --> 00:17:37,139

so it might be an example of Wu being

448

00:17:34,559 --> 00:17:39,450

cynically exploited but I also think

449

00:17:37,140 --> 00:17:41,130

it's an example of corruption of just

450

00:17:39,450 --> 00:17:42,660

requisitions getting somebody who's

451

00:17:41,130 --> 00:17:44,940

willing to kind of spend the money and

452

00:17:42,660 --> 00:17:46,080

filter off money which you know

453

00:17:44,940 --> 00:17:47,279

effectively should be going into

454

00:17:46,079 --> 00:17:50,399

rebuilding or the security of the

455

00:17:47,279 --> 00:17:51,930

country yeah I mean I I had a discussion

456

00:17:50,400 --> 00:17:54,930

with my dad about this and we talked

457
00:17:51,930 --> 00:17:56,850
about this the other day yeah my dad is

458
00:17:54,930 --> 00:18:00,539
was very senior in the military in

459
00:17:56,849 --> 00:18:02,069
Australia and I showed you the the

460
00:18:00,539 --> 00:18:06,029
documentary and viewers can still see

461
00:18:02,069 --> 00:18:08,159
that I'm probably on the BBC yeah google

462
00:18:06,029 --> 00:18:10,230
news night Jim McCormack or something

463
00:18:08,160 --> 00:18:13,710
yeah i blogged it you're fine on my

464
00:18:10,230 --> 00:18:15,480
brother forgot yeah but my dad was just

465
00:18:13,710 --> 00:18:17,910
mortified that something that things

466
00:18:15,480 --> 00:18:20,220
could get to such high ranks no military

467
00:18:17,910 --> 00:18:21,930
but as you say it seems that there's a

468
00:18:20,220 --> 00:18:23,789
lot of corruption involved yeah and

469
00:18:21,930 --> 00:18:25,560
that's probably why it propelled to such

470
00:18:23,789 --> 00:18:27,059
high levels certainly the volume of

471
00:18:25,559 --> 00:18:28,769
sales suggested to me but i would add

472
00:18:27,059 --> 00:18:30,299
actually united nations were also jute

473
00:18:28,769 --> 00:18:34,529
because they were buying the devices for

474
00:18:30,299 --> 00:18:37,200
africa to try and prevent the ivory the

475
00:18:34,529 --> 00:18:40,470
illegal ivory trade yeah so you know it

476
00:18:37,200 --> 00:18:42,090
wasn't just the desperate nation so it

477
00:18:40,470 --> 00:18:43,680
you know there are a bunch of people

478
00:18:42,089 --> 00:18:45,509
been duped by and I think the

479
00:18:43,680 --> 00:18:48,210
demonstrations look pretty convincing

480
00:18:45,509 --> 00:18:50,089
when you see it so I think that sure

481
00:18:48,210 --> 00:18:54,539
it's an example where you take a very

482
00:18:50,089 --> 00:18:56,579
famous you know a bit of paranormal whoo

483
00:18:54,539 --> 00:18:59,730
and you turn into a kind of very

484
00:18:56,579 --> 00:19:01,439
lucrative immoral trade well this is the

485

00:18:59,730 --> 00:19:02,910
thing I mean this is why I watched that

486
00:19:01,440 --> 00:19:05,309
report and I felt sick to my stomach

487
00:19:02,910 --> 00:19:07,259
because that is the thing I mean this is

488
00:19:05,309 --> 00:19:08,429
not I mean I'm wearing a power balance

489
00:19:07,259 --> 00:19:10,259
bracelet right now who you know this is

490
00:19:08,430 --> 00:19:12,330
nonsense but I'm not going to be killing

491
00:19:10,259 --> 00:19:15,420
four hundred people yeah on blast by

492
00:19:12,329 --> 00:19:17,819
wearing this but you know you talk about

493
00:19:15,420 --> 00:19:18,820
the hell is the demonstrations are quite

494
00:19:17,819 --> 00:19:22,009
convincing

495
00:19:18,819 --> 00:19:23,839
to people like you and I and say Randy

496
00:19:22,009 --> 00:19:25,819
it's laughable because the Richard

497
00:19:23,839 --> 00:19:29,119
Saunders might do a show the children

498
00:19:25,819 --> 00:19:31,189
even where we teach them about blinding

499
00:19:29,119 --> 00:19:34,009

scientific experiments using dowsing yes

500

00:19:31,190 --> 00:19:36,140

so we do we have like six you know jobs

501

00:19:34,009 --> 00:19:38,059

and underneath one of the tubs we have a

502

00:19:36,140 --> 00:19:39,680

bottle of water and it the first time we

503

00:19:38,059 --> 00:19:41,359

have it just sitting on top of the tub

504

00:19:39,680 --> 00:19:43,460

yeah they walk along the broad views

505

00:19:41,359 --> 00:19:45,019

yeah second time we put it onto the tub

506

00:19:43,460 --> 00:19:47,690

that we they know which targets under

507

00:19:45,019 --> 00:19:49,400

the mud lives and the third time they

508

00:19:47,690 --> 00:19:51,049

don't know which tab it's under yeah and

509

00:19:49,400 --> 00:19:52,850

they never find it yeah you know it's

510

00:19:51,049 --> 00:19:55,339

very very simple experiment to conduct

511

00:19:52,849 --> 00:19:58,219

yeah and it's amazing to me that people

512

00:19:55,339 --> 00:20:00,470

have such a high level have been duped

513

00:19:58,220 --> 00:20:03,440

by this stuff you know yeah I actually

514
00:20:00,470 --> 00:20:05,120
use your example but whenever I kind of

515
00:20:03,440 --> 00:20:07,580
talked about and I was going to talk

516
00:20:05,119 --> 00:20:09,199
about this on Saturday when i doing I've

517
00:20:07,579 --> 00:20:10,939
actually got a real grenade but I

518
00:20:09,200 --> 00:20:13,340
decided that if I was trying to fly into

519
00:20:10,940 --> 00:20:14,539
the u.s. real grenade it probably

520
00:20:13,339 --> 00:20:16,069
wouldn't go down very well so I'm

521
00:20:14,539 --> 00:20:17,480
cutting that bit from my talk I'm

522
00:20:16,069 --> 00:20:19,669
probably mentioned just briefly but

523
00:20:17,480 --> 00:20:21,019
given I've also lost the substance

524
00:20:19,670 --> 00:20:22,160
guards wish I was going to talk about oh

525
00:20:21,019 --> 00:20:24,559
yeah I'll have to find something else

526
00:20:22,160 --> 00:20:26,269
yeah let's think about yeah no you're

527
00:20:24,559 --> 00:20:27,649
right it's uh and that's what's

528
00:20:26,269 --> 00:20:31,220
remarkable were your demonstration

529
00:20:27,650 --> 00:20:33,320
because if you know even when you know

530
00:20:31,220 --> 00:20:35,210
that it's not a real thing it's still

531
00:20:33,319 --> 00:20:37,519
the rod still moves yeah really quite

532
00:20:35,210 --> 00:20:39,890
remarkable yeah yeah I mean we do a lot

533
00:20:37,519 --> 00:20:41,690
of investigations with us to where we go

534
00:20:39,890 --> 00:20:43,520
when people write to us and say I can

535
00:20:41,690 --> 00:20:44,870
find water underground we've drive out

536
00:20:43,519 --> 00:20:46,789
to the country when with the mandalas

537
00:20:44,869 --> 00:20:48,439
test and every time we've done it

538
00:20:46,789 --> 00:20:51,109
Australians get this have done it for 30

539
00:20:48,440 --> 00:20:52,640
years yeah in every what yeah and I've

540
00:20:51,109 --> 00:20:54,979
supposed to be a little convinced that

541
00:20:52,640 --> 00:20:56,540
works and where I live somerset and i

542

00:20:54,980 --> 00:20:59,180
suspect this was a big influence in jim

543
00:20:56,539 --> 00:21:00,740
mccormick being based down there there

544
00:20:59,180 --> 00:21:04,130
are professionals who will show you

545
00:21:00,740 --> 00:21:05,539
dowsing services so you know it's still

546
00:21:04,130 --> 00:21:07,880
in fact you know this is funny thing

547
00:21:05,539 --> 00:21:10,159
actually I when this thing broke in

548
00:21:07,880 --> 00:21:13,250
January there was a huge media storm

549
00:21:10,160 --> 00:21:14,720
about it and I went to various sites

550
00:21:13,250 --> 00:21:15,980
that were dowsing sites who were

551
00:21:14,720 --> 00:21:18,230
disowning themselves saying well of

552
00:21:15,980 --> 00:21:20,569
course that was that was bogus dow z

553
00:21:18,230 --> 00:21:22,970
wasn't real dowsing so even then they

554
00:21:20,569 --> 00:21:25,490
kind of disowned McCormick's activities

555
00:21:22,970 --> 00:21:28,519
who by the way my interest

556
00:21:25,490 --> 00:21:30,589

yes do tell well it turns out that he's

557

00:21:28,519 --> 00:21:32,139

a former police officer yeah Merseyside

558

00:21:30,589 --> 00:21:35,240

Police which makes it all the more

559

00:21:32,140 --> 00:21:37,309

outrageous that this man can even get up

560

00:21:35,240 --> 00:21:39,140

in the morning and serve you know live

561

00:21:37,308 --> 00:21:41,990

his life I think this unbelievable

562

00:21:39,140 --> 00:21:43,730

arrogance and yet these things go on I

563

00:21:41,990 --> 00:21:44,839

just wanted to congratulate you on that

564

00:21:43,730 --> 00:21:46,160

work but it's because I think what

565

00:21:44,839 --> 00:21:47,659

you've done is really making a huge

566

00:21:46,160 --> 00:21:50,090

difference and you know this I mean

567

00:21:47,660 --> 00:21:52,279

people talk about skeptics being grumpy

568

00:21:50,089 --> 00:21:53,750

and cynical and just you know cardi

569

00:21:52,279 --> 00:21:55,990

pooping but sometimes it's actually

570

00:21:53,750 --> 00:21:57,980

applicable yeah and can actually affect

571
00:21:55,990 --> 00:21:59,539
people's lives and says this is

572
00:21:57,980 --> 00:22:01,400
something I think that you've done a

573
00:21:59,539 --> 00:22:03,619
fantastic job in doing this that's very

574
00:22:01,400 --> 00:22:06,440
kind of you but I really must share any

575
00:22:03,619 --> 00:22:07,819
kind of praise with the whole skeptics

576
00:22:06,440 --> 00:22:09,710
community because you know if they

577
00:22:07,819 --> 00:22:11,149
hadn't been blogging about it he hadn't

578
00:22:09,710 --> 00:22:13,190
had the james randi foundation you had

579
00:22:11,150 --> 00:22:15,380
how these guys keeping things in the

580
00:22:13,190 --> 00:22:17,360
profile I wouldn't have got involved so

581
00:22:15,380 --> 00:22:18,740
I was just a small cog in a wheel and

582
00:22:17,359 --> 00:22:20,269
you know I think we've still got to keep

583
00:22:18,740 --> 00:22:21,500
being vigilant and keep you know keep

584
00:22:20,269 --> 00:22:23,720
the spotlight on these guys because

585
00:22:21,500 --> 00:22:25,369
clearly you know there's a lot of nasty

586
00:22:23,720 --> 00:22:28,429
dubious characters out there me just

587
00:22:25,369 --> 00:22:30,409
going to be careful yeah well you've got

588
00:22:28,429 --> 00:22:32,690
super senses is out how's that going is

589
00:22:30,410 --> 00:22:34,340
it sold out or out of print yet oh well

590
00:22:32,690 --> 00:22:35,720
i wish i wish i could say that was the

591
00:22:34,339 --> 00:22:36,919
case though it's come out again in the

592
00:22:35,720 --> 00:22:38,000
u.s. under new title i think they

593
00:22:36,920 --> 00:22:39,650
thought super sensor is probably a

594
00:22:38,000 --> 00:22:41,929
little bit too kind of obscure for a

595
00:22:39,650 --> 00:22:43,460
title but it's you tackle as a paperback

596
00:22:41,929 --> 00:22:45,559
is the science of superstition and

597
00:22:43,460 --> 00:22:47,779
that's actually done really well it's

598
00:22:45,558 --> 00:22:49,759
already household super sense in its pre

599

00:22:47,779 --> 00:22:51,859
sales really yeah yeah so that's the

600
00:22:49,759 --> 00:22:54,349
good news but i'm working on a new one

601
00:22:51,859 --> 00:22:56,539
so you know that's for my efforts to

602
00:22:54,349 --> 00:22:57,859
concentrate for the next year so where

603
00:22:56,539 --> 00:23:00,558
can I listens find out more about you

604
00:22:57,859 --> 00:23:02,719
and buy the book okay well you can go to

605
00:23:00,558 --> 00:23:04,700
my site you can google me of course it

606
00:23:02,720 --> 00:23:09,200
was the easiest way but my side is i

607
00:23:04,700 --> 00:23:10,308
think w WM food.com excellent well

608
00:23:09,200 --> 00:23:13,960
thanks for joining us today on the

609
00:23:10,308 --> 00:23:13,960
skeptics on grease great to hear

610
00:23:17,970 --> 00:23:26,470
this is an EVP I recorded last night how

611
00:23:22,630 --> 00:23:28,330
you doing I'm a ghost what's up you guys

612
00:23:26,470 --> 00:23:32,559
can't possibly ignore that type of it

613
00:23:28,329 --> 00:23:34,119

who are you we're doing my own EVPs of

614

00:23:32,559 --> 00:23:36,129
the result of pareidolia and cross

615

00:23:34,119 --> 00:23:39,039
modulation combined with the listeners

616

00:23:36,130 --> 00:23:43,120
hopes and expectations this have to do

617

00:23:39,039 --> 00:23:53,109
with science you just gotta skip to be

618

00:23:43,119 --> 00:24:01,659
food well skeptically pound calm we're

619

00:23:53,109 --> 00:24:04,089
small screen it's in the next on

620

00:24:01,660 --> 00:24:06,730
saturday the twenty-fifth off September

621

00:24:04,089 --> 00:24:09,309
dr. rachey and I jumped in a car with

622

00:24:06,730 --> 00:24:12,269
Maynard and we all drove up to New

623

00:24:09,309 --> 00:24:15,250
Castle we were to be the guests of the

624

00:24:12,269 --> 00:24:19,180
University of Newcastle atheist society

625

00:24:15,250 --> 00:24:22,359
who invited us to come up along the way

626

00:24:19,180 --> 00:24:26,950
we stopped by the leftovers of the big

627

00:24:22,359 --> 00:24:30,939
porn it's very sad sleep once famous

628
00:24:26,950 --> 00:24:33,039
giant well not so giant but sort of a

629
00:24:30,940 --> 00:24:36,039
big painted prawn over a service station

630
00:24:33,039 --> 00:24:39,450
was a landmark in the newcastle area and

631
00:24:36,039 --> 00:24:43,480
we discovered it in pieces on the ground

632
00:24:39,450 --> 00:24:45,789
but despite that we continued on we

633
00:24:43,480 --> 00:24:48,970
reached the university and gave out

634
00:24:45,789 --> 00:24:52,210
talks that night Maynard was on hand to

635
00:24:48,970 --> 00:25:06,339
provide music and also to conduct some

636
00:24:52,210 --> 00:25:07,600
interviews into beautiful very well

637
00:25:06,339 --> 00:25:09,039
you've been already made the

638
00:25:07,599 --> 00:25:10,419
presentation with the skeptics and the

639
00:25:09,039 --> 00:25:12,940
atheists tonight here at the bar on the

640
00:25:10,420 --> 00:25:16,560
hill listen I really enjoyed it actually

641
00:25:12,940 --> 00:25:19,360
mmm I i was a little bit skeptical

642
00:25:16,559 --> 00:25:20,889
coming but i really i really liked it i

643
00:25:19,359 --> 00:25:21,909
thought it was fantastic the what you're

644
00:25:20,890 --> 00:25:23,980
worried it might have been a bit drier

645
00:25:21,910 --> 00:25:25,690
scientific sighs I'm a bit I've grown

646
00:25:23,980 --> 00:25:27,819
up in a bit of a hippie family so I've

647
00:25:25,690 --> 00:25:29,740
grown up on her bull remedies and you

648
00:25:27,819 --> 00:25:31,359
know alternative medicine so I was a

649
00:25:29,740 --> 00:25:32,650
little bit funny about that kind of

650
00:25:31,359 --> 00:25:34,629
aspect of it but I thought it was

651
00:25:32,650 --> 00:25:36,460
fantastic I thought it was brilliant I

652
00:25:34,630 --> 00:25:40,330
loved what I especially loved Richard

653
00:25:36,460 --> 00:25:41,230
Richard Richard introduction so it's a

654
00:25:40,329 --> 00:25:42,710
change the way even thought about

655
00:25:41,230 --> 00:25:45,048
anything tonight

656

00:25:42,710 --> 00:25:46,870
yeah absolutely I think it's a I could

657
00:25:45,048 --> 00:25:49,750
get some heightened my critical thinking

658
00:25:46,869 --> 00:25:52,308
yeah I think I think it's made me

659
00:25:49,750 --> 00:25:55,089
question things a little bit more maybe

660
00:25:52,308 --> 00:25:57,168
and particularly cosmetic ads maybe oh

661
00:25:55,089 --> 00:25:59,869
hey I've always questioned those

662
00:25:57,169 --> 00:26:01,970
seriously oh my god that's great really

663
00:25:59,869 --> 00:26:03,319
enjoyed it well I noticed you asked a

664
00:26:01,970 --> 00:26:05,210
question of Richard if he'd ever been

665
00:26:03,319 --> 00:26:07,398
stumped and now how come you asked that

666
00:26:05,210 --> 00:26:09,710
question well I've spent five years

667
00:26:07,398 --> 00:26:13,639
working with drillers on there is

668
00:26:09,710 --> 00:26:16,308
borehole drilling sites and I had quite

669
00:26:13,640 --> 00:26:21,200
a few people claim that would advising

670
00:26:16,308 --> 00:26:23,629

works and you know to my knowledge a lot

671

00:26:21,200 --> 00:26:25,130

of time it has worked and to be honest I

672

00:26:23,630 --> 00:26:26,059

think that a lot of it is to do with the

673

00:26:25,130 --> 00:26:29,570

fact that there's water everywhere

674

00:26:26,058 --> 00:26:31,788

underground and you may be richard has

675

00:26:29,569 --> 00:26:33,558

had something to say and maybe it's a

676

00:26:31,788 --> 00:26:35,898

lot of I do think that it

677

00:26:33,558 --> 00:26:37,220

doesn't really work but it's a lot of

678

00:26:35,898 --> 00:26:39,500

hope do you think most of the people

679

00:26:37,220 --> 00:26:40,640

you've seen do it that its work think

680

00:26:39,500 --> 00:26:42,169

they believe in it or I think they're

681

00:26:40,640 --> 00:26:44,240

trying to put something over i think

682

00:26:42,169 --> 00:26:45,679

they entirely believe in it but they

683

00:26:44,240 --> 00:26:47,990

just need someone to go out there and

684

00:26:45,679 --> 00:26:50,149

show them that maybe what you're doing

685
00:26:47,990 --> 00:26:51,950
isn't quite the right way to go about it

686
00:26:50,148 --> 00:26:53,178
obvious anything to have you heard

687
00:26:51,950 --> 00:26:55,759
anything tonight will change the way you

688
00:26:53,179 --> 00:26:58,070
think well tonight he accidentally made

689
00:26:55,759 --> 00:27:02,240
the wrong choice on his water divining

690
00:26:58,069 --> 00:27:04,250
trick so did it may or may not have

691
00:27:02,240 --> 00:27:05,839
cocked up a little well I might have a

692
00:27:04,250 --> 00:27:07,640
word to him about that thanks a lot so I

693
00:27:05,839 --> 00:27:09,319
Hank it I'm here with our Richard

694
00:27:07,640 --> 00:27:11,538
Saunders yeah what's your official title

695
00:27:09,319 --> 00:27:13,369
again Richard vice president of

696
00:27:11,538 --> 00:27:15,769
Australian skeptics and producer of the

697
00:27:13,369 --> 00:27:17,509
skeptic zone podcast and now you've just

698
00:27:15,769 --> 00:27:19,099
given a talk with dr. Roger here the

699
00:27:17,509 --> 00:27:20,629
vice president at the bar on the hill

700
00:27:19,099 --> 00:27:22,398
I've been talking to someone over there

701
00:27:20,630 --> 00:27:24,200
who has seen some examples of water

702
00:27:22,398 --> 00:27:26,959
divining happening and you do a bit of a

703
00:27:24,200 --> 00:27:28,490
divining on stage there and it didn't go

704
00:27:26,960 --> 00:27:32,000
to plan tell us what happened tonight

705
00:27:28,490 --> 00:27:34,399
well i did a blind test where I didn't

706
00:27:32,000 --> 00:27:37,099
know under which cup the the object was

707
00:27:34,398 --> 00:27:40,489
under one of six cups and I had a guess

708
00:27:37,099 --> 00:27:42,019
and I got it right which would perhaps

709
00:27:40,490 --> 00:27:43,460
say that maybe divining under some

710
00:27:42,019 --> 00:27:46,500
circumstances work

711
00:27:43,460 --> 00:27:48,659
as long as you consider a random chance

712
00:27:46,500 --> 00:27:49,558
working yes and how often does that

713

00:27:48,659 --> 00:27:51,899
happen to you when you've demonstrated

714
00:27:49,558 --> 00:27:54,089
that about one in six times actually out

715
00:27:51,898 --> 00:27:55,229
of a one-in-six try yes yeah and what

716
00:27:54,089 --> 00:27:56,490
did you make about audience here tonight

717
00:27:55,230 --> 00:27:57,750
the bar on the hill what sort of

718
00:27:56,490 --> 00:27:59,339
questions where they asked me about

719
00:27:57,750 --> 00:28:00,808
science because it was an atheist crowd

720
00:27:59,339 --> 00:28:02,638
they weren't really ask you much about

721
00:28:00,808 --> 00:28:05,190
religion they were asking about various

722
00:28:02,638 --> 00:28:07,048
aspects of pseudoscience absolutely it

723
00:28:05,190 --> 00:28:09,179
was scarcely touched on religion at all

724
00:28:07,048 --> 00:28:12,109
tonight it was more or less about how

725
00:28:09,179 --> 00:28:14,940
science can investigate amazing and

726
00:28:12,109 --> 00:28:16,469
fantastic claims and what fantastic

727
00:28:14,940 --> 00:28:18,929

claims did they send the most interested

728

00:28:16,470 --> 00:28:20,460

in alternative medicine I thought some

729

00:28:18,929 --> 00:28:22,019

questions about psychics but a lot of

730

00:28:20,460 --> 00:28:24,179

questions about acupuncture about

731

00:28:22,019 --> 00:28:25,620

vaccinations and things like that now

732

00:28:24,179 --> 00:28:28,110

one question I've always wanted to ask

733

00:28:25,619 --> 00:28:30,418

someone like yourself a skeptic is there

734

00:28:28,109 --> 00:28:33,418

any one version of war or paranormal

735

00:28:30,419 --> 00:28:35,460

science that you wish was true yeah I

736

00:28:33,419 --> 00:28:37,950

really wish that people could use their

737

00:28:35,460 --> 00:28:39,690

mystical powers to solve crimes I mean

738

00:28:37,950 --> 00:28:41,548

my heart goes out to people briefed

739

00:28:39,690 --> 00:28:43,980

people or people who are missing loved

740

00:28:41,548 --> 00:28:46,470

ones if there was some way that we could

741

00:28:43,980 --> 00:28:48,569

circumvent the laws of nature to solve

742
00:28:46,470 --> 00:28:50,038
those crimes I'd be all for it we're

743
00:28:48,569 --> 00:28:53,069
still here at the bar on the hill with

744
00:28:50,038 --> 00:28:54,658
dr. Rocha the the vice president it had

745
00:28:53,069 --> 00:28:56,579
to enjoy the gig tonight like basically

746
00:28:54,659 --> 00:28:59,370
what does the talk that you give entail

747
00:28:56,579 --> 00:29:01,470
my talk is really about the hijacking of

748
00:28:59,369 --> 00:29:04,288
scientific terminology and technology

749
00:29:01,470 --> 00:29:06,149
and being added to say products that

750
00:29:04,288 --> 00:29:08,460
might be a little bit suspicious that

751
00:29:06,148 --> 00:29:10,678
maybe not based in much evidence but

752
00:29:08,460 --> 00:29:12,480
they use Sciences sounding words to make

753
00:29:10,679 --> 00:29:14,009
them sound more legitimate and basically

754
00:29:12,480 --> 00:29:15,720
they can charge more money for them if

755
00:29:14,009 --> 00:29:17,579
they've got quantum in the in the title

756
00:29:15,720 --> 00:29:20,250
well I would imagine that things that do

757
00:29:17,579 --> 00:29:21,839
that mainly would be cosmetics not just

758
00:29:20,250 --> 00:29:23,398
cosmetics cosmetics are very big

759
00:29:21,839 --> 00:29:25,408
offenders though they're actually known

760
00:29:23,398 --> 00:29:27,009
as cosmeceuticals when they use things

761
00:29:25,409 --> 00:29:29,290
like that like

762
00:29:27,009 --> 00:29:32,349
DNA in the title or photo by a

763
00:29:29,289 --> 00:29:34,359
modulation or hyaluronic acid was it a

764
00:29:32,349 --> 00:29:36,339
real science words but they've hijacked

765
00:29:34,359 --> 00:29:37,990
to add to their product so then they can

766
00:29:36,339 --> 00:29:40,689
charge more but there are other things

767
00:29:37,990 --> 00:29:42,309
that do it too there is for example the

768
00:29:40,690 --> 00:29:44,850
power balance bracelet that Richard

769
00:29:42,309 --> 00:29:47,950
talked about tonight uses scalar energy

770

00:29:44,849 --> 00:29:49,599
all to make it sound like it's possibly

771
00:29:47,950 --> 00:29:50,920
more technologically advanced and

772
00:29:49,599 --> 00:29:53,139
therefore you can charge more money for

773
00:29:50,920 --> 00:29:55,360
it and is there any legislation that

774
00:29:53,140 --> 00:29:58,210
stops people from doing this not really

775
00:29:55,359 --> 00:29:59,469
unless you're making medical claims if

776
00:29:58,210 --> 00:30:01,660
you're saying that you can cure

777
00:29:59,470 --> 00:30:03,100
something then there is legislation to

778
00:30:01,660 --> 00:30:05,950
say that you must show evidence that you

779
00:30:03,099 --> 00:30:09,069
can cure but if you just say assists

780
00:30:05,950 --> 00:30:10,299
with or helps with or may help with then

781
00:30:09,069 --> 00:30:12,039
you can get away with anything really

782
00:30:10,299 --> 00:30:13,839
and what sort of questions did you get

783
00:30:12,039 --> 00:30:15,369
from the audience tonight what's the

784
00:30:13,839 --> 00:30:16,629

really interesting questions made up my

785

00:30:15,369 --> 00:30:18,279

god we've got a couple of questions

786

00:30:16,630 --> 00:30:20,230

about has anything we've done ever

787

00:30:18,279 --> 00:30:23,139

stumped us or we have we come across

788

00:30:20,230 --> 00:30:24,579

anything that stumped us and you know

789

00:30:23,140 --> 00:30:26,860

what we were kind of stumped by that

790

00:30:24,579 --> 00:30:29,949

question we couldn't really think of

791

00:30:26,859 --> 00:30:32,109

anything that's stumped us i also got

792

00:30:29,950 --> 00:30:34,110

quite a few questions about specific

793

00:30:32,109 --> 00:30:36,279

types of alternative medicine like

794

00:30:34,109 --> 00:30:38,979

acupuncture for example does it work

795

00:30:36,279 --> 00:30:41,799

what is really homeopathy how does that

796

00:30:38,980 --> 00:30:43,630

work so yeah lots of good questions and

797

00:30:41,799 --> 00:30:45,009

lots of discussion and you finally get

798

00:30:43,630 --> 00:30:47,170

to be difficult sometimes does your

799

00:30:45,009 --> 00:30:49,359
specialty field is cell biology is that

800

00:30:47,170 --> 00:30:50,950
correct that's correct yep okay so when

801

00:30:49,359 --> 00:30:52,509
people say oh ok what about fish oil

802

00:30:50,950 --> 00:30:53,799
what about this what about that and I

803

00:30:52,509 --> 00:30:55,269
asked about all these different herbal

804

00:30:53,799 --> 00:30:56,500
cures and you haven't had a chance to

805

00:30:55,269 --> 00:30:58,569
run through all of them that must get a

806

00:30:56,500 --> 00:31:00,250
bit difficult yeah well when that

807

00:30:58,569 --> 00:31:01,899
happens i just say i haven't read the

808

00:31:00,250 --> 00:31:04,089
literature and I don't know and I'd have

809

00:31:01,900 --> 00:31:06,340
to look it up because yeah I can't read

810

00:31:04,089 --> 00:31:08,919
all of the scientific literature my area

811

00:31:06,339 --> 00:31:11,980
is aging really so I know of a bit about

812

00:31:08,920 --> 00:31:14,230
Parkinson's and heart disease and motor

813
00:31:11,980 --> 00:31:16,900
neuron disease but I don't know every

814
00:31:14,230 --> 00:31:19,390
single type of medicine and whether it's

815
00:31:16,900 --> 00:31:21,430
helped in some specific type of illness

816
00:31:19,390 --> 00:31:23,800
so i'd say i don't know i have to say i

817
00:31:21,430 --> 00:31:25,630
don't know now one thing you said up on

818
00:31:23,799 --> 00:31:28,329
stage that really annoys you is that

819
00:31:25,630 --> 00:31:29,980
science is often hard and very tedious

820
00:31:28,329 --> 00:31:32,970
and quite a long process and that

821
00:31:29,980 --> 00:31:36,000
bothers you when people take shortcuts

822
00:31:32,970 --> 00:31:38,579
yes it does may not because I do spend

823
00:31:36,000 --> 00:31:40,919
many many hours in the lab and science

824
00:31:38,579 --> 00:31:42,928
is frustrating a lot of the time you do

825
00:31:40,919 --> 00:31:45,210
sometimes get you your recommitment but

826
00:31:42,929 --> 00:31:47,730
they're few and far between and so it's

827

00:31:45,210 --> 00:31:50,850
a hard slog so when people kind of take

828
00:31:47,730 --> 00:31:53,130
our work and our terminology and add it

829
00:31:50,849 --> 00:31:55,349
to some magic machine and charged three

830
00:31:53,130 --> 00:31:57,690
hundred dollars to print out a random

831
00:31:55,349 --> 00:31:59,639
list of allergies that you might have it

832
00:31:57,690 --> 00:32:02,640
kind of pisses me off a little bit dr.

833
00:31:59,640 --> 00:32:05,520
rachy is there any way that you wish was

834
00:32:02,640 --> 00:32:07,259
true of all the Wu and all the sort of

835
00:32:05,519 --> 00:32:08,460
paranormal activity you've investigated

836
00:32:07,259 --> 00:32:09,750
have a look at that you've found not to

837
00:32:08,460 --> 00:32:12,509
be the case is there one that you would

838
00:32:09,750 --> 00:32:13,950
like to be the case that's a really good

839
00:32:12,509 --> 00:32:16,379
question you know I've never thought

840
00:32:13,950 --> 00:32:19,200
about that I would like to see some

841
00:32:16,380 --> 00:32:20,549

really good UFO examples I would be

842

00:32:19,200 --> 00:32:21,808

interested in talking to the dead but

843

00:32:20,548 --> 00:32:24,450

when you think about it if you could

844

00:32:21,808 --> 00:32:26,548

talk to the dead that would so change

845

00:32:24,450 --> 00:32:28,319

our society to a point that would be

846

00:32:26,548 --> 00:32:30,629

unimaginable if you could talk everyone

847

00:32:28,319 --> 00:32:31,769

that has died I can't imagine what that

848

00:32:30,630 --> 00:32:33,740

would be like I mean I have a trouble

849

00:32:31,769 --> 00:32:36,929

talking to people i know they're alive

850

00:32:33,740 --> 00:32:39,120

imagine that yeah yeah no I you know I

851

00:32:36,929 --> 00:32:40,590

don't think so i think if you think of

852

00:32:39,119 --> 00:32:42,658

it from what I do which is out med I

853

00:32:40,589 --> 00:32:45,569

mean what I like homeopathy to be real

854

00:32:42,659 --> 00:32:49,169

well not really because it's it really

855

00:32:45,569 --> 00:32:51,599

simplifies science by saying water has a

856
00:32:49,169 --> 00:32:53,520
memory and you can dilute something

857
00:32:51,599 --> 00:32:54,899
really to a huge degree and it still

858
00:32:53,519 --> 00:32:56,579
works and science is much more

859
00:32:54,900 --> 00:32:58,259
complicated than that and much more

860
00:32:56,579 --> 00:32:59,939
beautiful than that

861
00:32:58,259 --> 00:33:02,460
and unraveling new and interesting

862
00:32:59,940 --> 00:33:04,799
things about science every time we do an

863
00:33:02,460 --> 00:33:07,710
experiment adds more fascination and

864
00:33:04,799 --> 00:33:09,869
more excitement to to evolution into

865
00:33:07,710 --> 00:33:12,450
nature so the way that it's simplified

866
00:33:09,869 --> 00:33:15,029
makes a dollar really so you'd rather

867
00:33:12,450 --> 00:33:17,370
put your imagination to unlocking real

868
00:33:15,029 --> 00:33:18,930
science absolutely Maynard I think that

869
00:33:17,369 --> 00:33:20,819
the beauty of the natural world is much

870
00:33:18,930 --> 00:33:22,680
more interesting than what people can

871
00:33:20,819 --> 00:33:25,139
make up what is the one thing that

872
00:33:22,680 --> 00:33:26,610
people should see as a sign that make

873
00:33:25,140 --> 00:33:29,160
them skeptical straight away when you

874
00:33:26,609 --> 00:33:32,339
see something you should get our if it's

875
00:33:29,160 --> 00:33:34,680
been sold only with testimonials so if

876
00:33:32,339 --> 00:33:37,500
mrs. blogs from down the street says it

877
00:33:34,680 --> 00:33:40,769
worked for me it probably didn't so

878
00:33:37,500 --> 00:33:51,180
prick up your ears be skeptical and do

879
00:33:40,769 --> 00:33:54,869
your research this is brian dunning from

880
00:33:51,180 --> 00:33:57,299
SCAP tide calm warning avoid skeptics in

881
00:33:54,869 --> 00:34:00,269
the pub in sydney on october 7th at all

882
00:33:57,299 --> 00:34:02,940
costs Maynard is going to be there the

883
00:34:00,269 --> 00:34:04,859
avalanche of irrationality and ill logic

884

00:34:02,940 --> 00:34:07,860
that he'll no doubt unleash will be

885
00:34:04,859 --> 00:34:10,918
hazardous to anyone who attends October

886
00:34:07,859 --> 00:34:13,500
7th please be as far away from skeptics

887
00:34:10,918 --> 00:34:18,559
in the pub in Sydney as possible thank

888
00:34:13,500 --> 00:34:18,559
you i'm brian dunning from sceptile calm

889
00:34:24,608 --> 00:34:30,049
Maggie McPhee is one of the organizers

890
00:34:27,440 --> 00:34:32,898
of the Boston skeptics a very successful

891
00:34:30,050 --> 00:34:36,379
group originally established by rebecca

892
00:34:32,898 --> 00:34:39,049
watson maggie is an audio-visual

893
00:34:36,378 --> 00:34:41,568
aficionado who skillfully coordinates

894
00:34:39,050 --> 00:34:43,700
the technology and films talks at

895
00:34:41,568 --> 00:34:46,398
skeptics in the pub which are then put

896
00:34:43,699 --> 00:34:48,918
online for all to see in this interview

897
00:34:46,398 --> 00:34:51,618
she gives us some tips about running a

898
00:34:48,918 --> 00:34:55,009

skeptical group and provide some ideas

899

00:34:51,619 --> 00:34:58,390

about options outside of the pub to such

900

00:34:55,010 --> 00:35:05,510

as book clubs and branches and even

901

00:34:58,389 --> 00:35:07,730

skeptics in the park and i'm here with

902

00:35:05,510 --> 00:35:09,280

Maggie McPhee from Boston skeptics hi

903

00:35:07,730 --> 00:35:12,530

Maggie welcome to the skeptic zone

904

00:35:09,280 --> 00:35:15,319

lovely to see you how you and well

905

00:35:12,530 --> 00:35:17,269

that's good so you get to see you tell

906

00:35:15,318 --> 00:35:19,309

us a little bit about what Boston

907

00:35:17,269 --> 00:35:21,800

skeptics do I know you do a skeptics in

908

00:35:19,309 --> 00:35:24,019

the pub what I've been to your skippers

909

00:35:21,800 --> 00:35:27,170

in the poverty of fight aux there around

910

00:35:24,019 --> 00:35:28,250

half you learn oh it's true tell me a

911

00:35:27,170 --> 00:35:30,889

little bit about the skeptics in the pub

912

00:35:28,250 --> 00:35:33,588

well Rebecca started the group initially

913
00:35:30,889 --> 00:35:35,269
it was very loose she just you know just

914
00:35:33,588 --> 00:35:39,019
Rebecca she said I'm going to do this

915
00:35:35,269 --> 00:35:41,690
and did it and she began recruiting some

916
00:35:39,019 --> 00:35:44,900
of us who you know friends who are you

917
00:35:41,690 --> 00:35:47,599
know in the the movement and we began to

918
00:35:44,900 --> 00:35:50,900
make it more and more cohesive more more

919
00:35:47,599 --> 00:35:53,150
organized so now we're kind of one of

920
00:35:50,900 --> 00:35:55,460
those what they were describing us you

921
00:35:53,150 --> 00:35:58,608
know hybrids today you know we're not

922
00:35:55,460 --> 00:36:00,949
incorporated but we're very cohesive

923
00:35:58,608 --> 00:36:03,230
where you know but we are our big thing

924
00:36:00,949 --> 00:36:05,868
as we do skeptics in the pub each month

925
00:36:03,230 --> 00:36:09,019
uh-huh we tend to get really good

926
00:36:05,869 --> 00:36:11,450
speakers cause of just circumstances we

927

00:36:09,019 --> 00:36:13,909

you know we shoot those we put them

928

00:36:11,449 --> 00:36:17,179

online usually depending on that speaker

929

00:36:13,909 --> 00:36:19,219

if we can um so that everybody can view

930

00:36:17,179 --> 00:36:21,649

them and we also do things like we have

931

00:36:19,219 --> 00:36:25,068

brunches and we have a book club I am

932

00:36:21,650 --> 00:36:27,380

yeah so we were trying to be to build a

933

00:36:25,068 --> 00:36:29,568

community with the people that we know

934

00:36:27,380 --> 00:36:31,250

and reach out to people we don't know so

935

00:36:29,568 --> 00:36:33,409

you mentioned hybrid because there was a

936

00:36:31,250 --> 00:36:35,900

talk today about sort of there was a

937

00:36:33,409 --> 00:36:37,889

panel about grassroots skepticism today

938

00:36:35,900 --> 00:36:39,269

we're talking about

939

00:36:37,889 --> 00:36:41,159

difference between that are really big

940

00:36:39,269 --> 00:36:42,659

groups and really little groups and what

941

00:36:41,159 --> 00:36:44,670
sort of differences there are between

942
00:36:42,659 --> 00:36:47,339
them and what changes you can sort of

943
00:36:44,670 --> 00:36:49,349
instigate as a incorporated which is a

944
00:36:47,340 --> 00:36:51,210
usually very organized structured green

945
00:36:49,349 --> 00:36:53,579
so you guys are kind of in the middle

946
00:36:51,210 --> 00:36:55,440
there somewhere right we've talked about

947
00:36:53,579 --> 00:36:57,509
incorporating them we don't feel like

948
00:36:55,440 --> 00:36:58,980
we're at that point you know and we ever

949
00:36:57,510 --> 00:37:00,660
like they're talking you know there are

950
00:36:58,980 --> 00:37:03,960
legal issues you have to consider and

951
00:37:00,659 --> 00:37:06,449
we're really not out and active as that

952
00:37:03,960 --> 00:37:09,059
much in the community whereas if we

953
00:37:06,449 --> 00:37:12,029
become more so probably want to consider

954
00:37:09,059 --> 00:37:14,309
that for you know legal reasons but it's

955
00:37:12,030 --> 00:37:16,769

more of a skeptics kick group rather

956

00:37:14,309 --> 00:37:18,630

than a outreaching to everybody group at

957

00:37:16,769 --> 00:37:20,820

the moment is at a moment it ain't nice

958

00:37:18,630 --> 00:37:22,619

if we could your but we're not at that

959

00:37:20,820 --> 00:37:25,410

point yet but it is something that's

960

00:37:22,619 --> 00:37:26,429

kind of a nerd in our sights yes and you

961

00:37:25,409 --> 00:37:28,079

mentioned a little bit about the

962

00:37:26,429 --> 00:37:30,989

speakers I think last night he had Jon

963

00:37:28,079 --> 00:37:33,509

Ronson didn't ye yes sir john rotten oh

964

00:37:30,989 --> 00:37:35,909

we had just heard simon perry and john

965

00:37:33,510 --> 00:37:37,350

rosen is of course the author of the men

966

00:37:35,909 --> 00:37:39,420

who stare at goats yes has just been

967

00:37:37,349 --> 00:37:42,929

made into a movie with george clooney

968

00:37:39,420 --> 00:37:44,250

and un- ago right we were able to put

969

00:37:42,929 --> 00:37:45,569

that talk up online because that would

970
00:37:44,250 --> 00:37:48,659
be great I say it's up and it's

971
00:37:45,570 --> 00:37:50,970
hilarious engine um we had it wasn't a

972
00:37:48,659 --> 00:37:52,819
great night for it um as far as you know

973
00:37:50,969 --> 00:37:56,939
it's kind of dim but yes it's online

974
00:37:52,820 --> 00:37:59,130
John is absolutely hilarious yeah and um

975
00:37:56,940 --> 00:38:02,010
he's someone who goes out and really

976
00:37:59,130 --> 00:38:04,320
lives life and nearly gets killed a lot

977
00:38:02,010 --> 00:38:06,390
so really yes what what did he talk

978
00:38:04,320 --> 00:38:08,250
about and that talk um he talked about

979
00:38:06,389 --> 00:38:10,949
you know like stuff in the movie where

980
00:38:08,250 --> 00:38:13,860
he went to the Middle East and he was

981
00:38:10,949 --> 00:38:18,000
following you to this guy around you

982
00:38:13,860 --> 00:38:19,440
know it's kind of a nutjob yeah on this

983
00:38:18,000 --> 00:38:21,090
thing in a wild-goose chase did you use

984
00:38:19,440 --> 00:38:24,000
chase and other things that he's done

985
00:38:21,090 --> 00:38:26,820
weren't you know he's been in situations

986
00:38:24,000 --> 00:38:30,449
where we're dangerous because he also

987
00:38:26,820 --> 00:38:33,570
infiltrated a Muslim yes cells also got

988
00:38:30,449 --> 00:38:35,189
as well yeah and he's he it's weird to

989
00:38:33,570 --> 00:38:37,530
hear him talk about I'm so these people

990
00:38:35,190 --> 00:38:39,539
he knows them you know and they and

991
00:38:37,530 --> 00:38:43,050
their Long John my friend you know they

992
00:38:39,539 --> 00:38:45,900
yeah it's really he's lived quite a life

993
00:38:43,050 --> 00:38:46,570
yeah cuz he's a journalist by trade his

994
00:38:45,900 --> 00:38:49,720
name correct

995
00:38:46,570 --> 00:38:52,110
yeah yeah I mean that I guess that leads

996
00:38:49,719 --> 00:38:55,679
him into that yeah he's also a bit woozy

997
00:38:52,110 --> 00:38:58,930
yeah but in a good way in a good way

998

00:38:55,679 --> 00:39:01,149
under phul and it was great having him

999
00:38:58,929 --> 00:39:03,069
so how many people would be involved in

1000
00:39:01,150 --> 00:39:05,559
Boston skip days because you mentioned

1001
00:39:03,070 --> 00:39:08,710
Rebecca that's rebecca watson she lives

1002
00:39:05,559 --> 00:39:10,809
in london now right so um Liz Gaston

1003
00:39:08,710 --> 00:39:13,150
she's taking over the duties of like you

1004
00:39:10,809 --> 00:39:14,559
know I'm seeing and things like that and

1005
00:39:13,150 --> 00:39:17,289
hosting the branches and things like

1006
00:39:14,559 --> 00:39:20,079
that then there's myself Josh Nicholson

1007
00:39:17,289 --> 00:39:22,539
and Jared Giuliano and then there's Mary

1008
00:39:20,079 --> 00:39:24,969
who does our book club and and then we

1009
00:39:22,539 --> 00:39:27,250
have people who pitch in as well so

1010
00:39:24,969 --> 00:39:29,199
being that it's mostly scenario skeptics

1011
00:39:27,250 --> 00:39:32,320
and pub you know the number of people

1012
00:39:29,199 --> 00:39:34,389

that are interesting swells and changes

1013

00:39:32,320 --> 00:39:36,970

we might have 30 people in a night or we

1014

00:39:34,389 --> 00:39:38,289

might have 110 people in that soon so

1015

00:39:36,969 --> 00:39:41,559

tell us about your book club what does

1016

00:39:38,289 --> 00:39:45,519

that involve each month Leah they pick a

1017

00:39:41,559 --> 00:39:47,889

book to read and they meet up and for

1018

00:39:45,519 --> 00:39:49,480

breakfast or brunch or whatever and lots

1019

00:39:47,889 --> 00:39:52,839

of times it's it's something that's

1020

00:39:49,480 --> 00:39:55,329

either topical or whatever whatever pops

1021

00:39:52,840 --> 00:39:56,829

up in people's did you guys do the men

1022

00:39:55,329 --> 00:39:58,539

who stare at goats does that mean in the

1023

00:39:56,829 --> 00:40:00,130

book club no but that would be good i'm

1024

00:39:58,539 --> 00:40:01,480

sure that's a good idea yeah cuz i've

1025

00:40:00,130 --> 00:40:03,519

actually read the book and I've seen the

1026

00:40:01,480 --> 00:40:04,960

film and know the very different yeah

1027
00:40:03,519 --> 00:40:06,789
yeah he's right have you read the book

1028
00:40:04,960 --> 00:40:08,920
no yeah they're quite if I talked to

1029
00:40:06,789 --> 00:40:10,630
John a bit about that and talked to him

1030
00:40:08,920 --> 00:40:12,280
a bit about it and he's happy with it

1031
00:40:10,630 --> 00:40:14,230
you know it's different it's not you

1032
00:40:12,280 --> 00:40:17,200
know his book but he's yeah he says I

1033
00:40:14,230 --> 00:40:20,559
like it how can you not I mean you know

1034
00:40:17,199 --> 00:40:22,919
I I guess he is being played by you and

1035
00:40:20,559 --> 00:40:25,809
McGregor so how could you complain about

1036
00:40:22,920 --> 00:40:28,119
did he mention that at all yes she did

1037
00:40:25,809 --> 00:40:33,670
allude to the his handsome portrayal and

1038
00:40:28,119 --> 00:40:35,500
screen yeah yeah cuz one of the some of

1039
00:40:33,670 --> 00:40:38,079
the criticisms that sums up some

1040
00:40:35,500 --> 00:40:39,909
skeptical groups get with like skeptics

1041
00:40:38,079 --> 00:40:43,299
in the pub and stuff is well that's not

1042
00:40:39,909 --> 00:40:45,039
inclusive of some people who can't come

1043
00:40:43,300 --> 00:40:46,630
out of late because I've got young

1044
00:40:45,039 --> 00:40:47,829
children or they don't want to go to a

1045
00:40:46,630 --> 00:40:50,769
pub because that's not really their

1046
00:40:47,829 --> 00:40:52,480
scene so yeah that's really tough and

1047
00:40:50,769 --> 00:40:54,730
we've tried to address and I should

1048
00:40:52,480 --> 00:40:56,230
mention one more thing we do is we tend

1049
00:40:54,730 --> 00:40:56,980
to call it whatever based around

1050
00:40:56,230 --> 00:40:59,619
whatever we're doing

1051
00:40:56,980 --> 00:41:03,099
like like we might get to apartment of

1052
00:40:59,619 --> 00:41:05,440
skeptics in the park or we might take a

1053
00:41:03,099 --> 00:41:07,809
trip to the Museum of Natural History so

1054
00:41:05,440 --> 00:41:09,400
that we can bring families out so you

1055

00:41:07,809 --> 00:41:11,949
know some people can come to brunch who

1056
00:41:09,400 --> 00:41:14,320
aren't interested in the pub or you know

1057
00:41:11,949 --> 00:41:15,759
who are into that book club or then and

1058
00:41:14,320 --> 00:41:17,769
families can come to the union of the

1059
00:41:15,760 --> 00:41:19,810
outdoor vids bring their kids and it

1060
00:41:17,769 --> 00:41:21,340
leads as a schoolteacher so she's happy

1061
00:41:19,809 --> 00:41:23,739
to like you know what parents wander a

1062
00:41:21,340 --> 00:41:26,619
bit and so it's really tough that but

1063
00:41:23,739 --> 00:41:29,169
because that sort of community thing is

1064
00:41:26,619 --> 00:41:32,108
really hard to find in the skeptical

1065
00:41:29,170 --> 00:41:33,970
community because you're not everyone is

1066
00:41:32,108 --> 00:41:37,840
an atheist as we talked about but la

1067
00:41:33,969 --> 00:41:40,449
people are or aren't comfortable with

1068
00:41:37,840 --> 00:41:43,150
some of the institutions you know so

1069
00:41:40,449 --> 00:41:45,460

that they need community they need you

1070

00:41:43,150 --> 00:41:47,170

know people to hang around with and be a

1071

00:41:45,460 --> 00:41:50,019

part of something with it's just human

1072

00:41:47,170 --> 00:41:51,369

nature so we try to get in but you can't

1073

00:41:50,019 --> 00:41:54,159

please everyone but it seems like you

1074

00:41:51,369 --> 00:41:55,780

guys have got a fairly broad range of

1075

00:41:54,159 --> 00:41:57,069

things for people to do so that they can

1076

00:41:55,780 --> 00:41:59,260

go to the pub they can go to the part

1077

00:41:57,070 --> 00:42:01,240

they can go join the book club there was

1078

00:41:59,260 --> 00:42:03,660

one thing I could boil it all down to

1079

00:42:01,239 --> 00:42:06,189

once you've got an organization is

1080

00:42:03,659 --> 00:42:08,500

listen to your members just first and

1081

00:42:06,190 --> 00:42:10,059

what they want to do that's the best way

1082

00:42:08,500 --> 00:42:11,619

you know don't figure out you've got all

1083

00:42:10,059 --> 00:42:13,358

the ideas of what they need to do just

1084
00:42:11,619 --> 00:42:15,220
just ask them in though they'll come up

1085
00:42:13,358 --> 00:42:17,799
with things like you know let's go to

1086
00:42:15,219 --> 00:42:20,199
the museum we have this particular

1087
00:42:17,800 --> 00:42:22,030
speaker coming and what's getting a

1088
00:42:20,199 --> 00:42:24,399
theatre and do it there instead of going

1089
00:42:22,030 --> 00:42:25,990
to the pub which we've done that as well

1090
00:42:24,400 --> 00:42:27,730
because one of the things that came up

1091
00:42:25,989 --> 00:42:30,729
today during the Q&A about grassroots

1092
00:42:27,730 --> 00:42:31,929
skepticism was some people want to be

1093
00:42:30,730 --> 00:42:34,780
involved but they don't have a lot of

1094
00:42:31,929 --> 00:42:36,519
time I have to say that even being in

1095
00:42:34,780 --> 00:42:38,470
lemon Rebecca still puts in a lot of

1096
00:42:36,519 --> 00:42:40,210
work getting especially the speakers

1097
00:42:38,469 --> 00:42:42,969
that's the hardest thing but it can be

1098
00:42:40,210 --> 00:42:45,909
time consuming I do all baby stuff and I

1099
00:42:42,969 --> 00:42:47,649
at shoot and edit the videos and but

1100
00:42:45,909 --> 00:42:50,559
that is white things I mean you know

1101
00:42:47,650 --> 00:42:52,510
yeah oh yeah and and like someone was

1102
00:42:50,559 --> 00:42:54,070
saying today you know it doesn't have to

1103
00:42:52,510 --> 00:42:55,990
take a lot of time if you don't have the

1104
00:42:54,070 --> 00:42:58,330
time yes and that's another thing yeah

1105
00:42:55,989 --> 00:42:59,949
if you have the time don't you know

1106
00:42:58,329 --> 00:43:02,590
don't feel guilty that you don't

1107
00:42:59,949 --> 00:43:04,179
anticipate where you can if you're just

1108
00:43:02,590 --> 00:43:06,100
someone who comes to the things that's

1109
00:43:04,179 --> 00:43:07,108
fine if you're someone who comes and

1110
00:43:06,099 --> 00:43:09,150
tosses out an idea

1111
00:43:07,108 --> 00:43:11,460
yeah or some other cons and participates

1112

00:43:09,150 --> 00:43:12,838
on the website or hey I've got to

1113
00:43:11,460 --> 00:43:16,019
suggest with him speaker every little

1114
00:43:12,838 --> 00:43:18,028
bit counts and as a collective of people

1115
00:43:16,018 --> 00:43:21,268
in every little bit builds some greater

1116
00:43:18,028 --> 00:43:23,849
large thing and the people who do you

1117
00:43:21,268 --> 00:43:25,709
have time and resources though you know

1118
00:43:23,849 --> 00:43:27,690
they'll stepped up and commits you know

1119
00:43:25,710 --> 00:43:29,880
we have people now that that I know we

1120
00:43:27,690 --> 00:43:31,289
can ask at a moment's notice to do

1121
00:43:29,880 --> 00:43:33,298
things and they would do it do what you

1122
00:43:31,289 --> 00:43:36,028
can don't feel guilty about not doing

1123
00:43:33,298 --> 00:43:38,130
more do what you can so I think right

1124
00:43:36,028 --> 00:43:41,548
now the biggest thing is we're looking

1125
00:43:38,130 --> 00:43:43,440
more towards bloggy more I do you have a

1126
00:43:41,548 --> 00:43:45,929

blog just guess we do in Boston skeptics

1127

00:43:43,440 --> 00:43:48,150

calm right and you can also get to our

1128

00:43:45,929 --> 00:43:49,980

videos from their phenomena which

1129

00:43:48,150 --> 00:43:52,798

they're all the ones that we can or

1130

00:43:49,980 --> 00:43:54,509

online what would you do would you have

1131

00:43:52,798 --> 00:43:56,400

any advice for anyone who might want to

1132

00:43:54,509 --> 00:43:58,380

set up a a skeptics in the pub or

1133

00:43:56,400 --> 00:43:59,639

skeptics in the park if they live in a

1134

00:43:58,380 --> 00:44:02,720

town where there isn't anything like

1135

00:43:59,639 --> 00:44:06,150

that yes um if you go to grassroots

1136

00:44:02,719 --> 00:44:08,699

skeptics org run by KO Myers great site

1137

00:44:06,150 --> 00:44:11,068

he tries to aggregate a lot of that

1138

00:44:08,699 --> 00:44:12,960

information mom and you can also check

1139

00:44:11,068 --> 00:44:15,329

out our site Boston skeptics back home

1140

00:44:12,960 --> 00:44:18,568

and it may not have that particular

1141
00:44:15,329 --> 00:44:20,880
information but you were happy to hear

1142
00:44:18,568 --> 00:44:23,130
from me contact us you have a question

1143
00:44:20,880 --> 00:44:24,930
on how to do something or you know

1144
00:44:23,130 --> 00:44:28,170
things like that we're happy to talk

1145
00:44:24,929 --> 00:44:30,028
about grassroots skeptics that org is a

1146
00:44:28,170 --> 00:44:31,048
really good place to start them all

1147
00:44:30,028 --> 00:44:33,088
right well thanks very much for joining

1148
00:44:31,048 --> 00:44:37,068
us Maggie on the skeptic side and enjoy

1149
00:44:33,088 --> 00:44:37,068
the rest of time I will a lil

1150
00:44:46,588 --> 00:44:51,690
on Sunday October third at nine-thirty

1151
00:44:49,409 --> 00:44:53,639
am joined the Granite State skeptics on

1152
00:44:51,690 --> 00:44:56,159
a walking tour of historic Salem

1153
00:44:53,639 --> 00:44:58,348
Massachusetts learn the history and view

1154
00:44:56,159 --> 00:45:00,389
the sights of this historic town made

1155
00:44:58,349 --> 00:45:03,539
famous by arthur miller's the crucible

1156
00:45:00,389 --> 00:45:05,098
and the Salem witch trials we will be

1157
00:45:03,539 --> 00:45:06,989
meeting at the salem visitor center

1158
00:45:05,099 --> 00:45:09,660
where we will begin our tour and enjoy

1159
00:45:06,989 --> 00:45:11,969
such sights as a salem witch museum the

1160
00:45:09,659 --> 00:45:14,608
House of the Seven Gables and the Salem

1161
00:45:11,969 --> 00:45:16,588
pirate museum while the cost of the tour

1162
00:45:14,608 --> 00:45:19,259
is free some of the sites we will be

1163
00:45:16,588 --> 00:45:21,179
stopping at do charge a fee for more

1164
00:45:19,259 --> 00:45:24,920
information in full details check

1165
00:45:21,179 --> 00:45:24,919
Granite State skeptics org

1166
00:45:39,530 --> 00:45:45,510
thank you for listening to the skeptic

1167
00:45:42,119 --> 00:45:47,339
zone next week it's a surprise for

1168
00:45:45,510 --> 00:45:49,590
everybody there will be a think tank oh

1169

00:45:47,340 --> 00:45:52,200
I know I know next week we'll have a

1170
00:45:49,590 --> 00:45:54,870
report about the very first night in the

1171
00:45:52,199 --> 00:45:56,909
new pub in Sydney for the new skeptics

1172
00:45:54,869 --> 00:45:59,309
in the pub now that's happening on the

1173
00:45:56,909 --> 00:46:01,019
7th of October Thursday the seventh

1174
00:45:59,309 --> 00:46:03,239
October here in Sydney the new pub is

1175
00:46:01,019 --> 00:46:07,079
called the city hotel it's on the corner

1176
00:46:03,239 --> 00:46:10,379
of Kent and king streets downtown Sydney

1177
00:46:07,079 --> 00:46:13,529
kicking off at six o'clock and our

1178
00:46:10,380 --> 00:46:15,510
special guest doing a wonderful

1179
00:46:13,530 --> 00:46:18,269
presentation for us is none other than

1180
00:46:15,510 --> 00:46:22,140
main art of course looking forward to

1181
00:46:18,269 --> 00:46:24,329
that so hope to see you there and I hope

1182
00:46:22,139 --> 00:46:26,219
to see some of you soon I guess anyway

1183
00:46:24,329 --> 00:46:28,679

at tam australia very exciting very

1184

00:46:26,219 --> 00:46:30,719

exciting until then this is Richard

1185

00:46:28,679 --> 00:46:35,819

Saunders signing off from Sydney

1186

00:46:30,719 --> 00:46:40,139

Australia you've been listening to the

1187

00:46:35,820 --> 00:46:43,350

skeptic zone visit our website at WWF

1188

00:46:40,139 --> 00:46:46,608

digs on TV the comments contacts an

1189

00:46:43,349 --> 00:46:50,348

extra video reports

1190

00:46:46,608 --> 00:46:50,348

I skin

1191

00:46:56,760 --> 00:46:59,760

you

1192

00:47:05,440 --> 00:47:07,500

you