



**Show 102**  
**1:0ct.2010**

[www.skepticzone.tv](http://www.skepticzone.tv)

1  
00:00:20,370 --> 00:00:09,500  
welcome to the skeptic zone the podcast

2  
00:00:27,400 --> 00:00:23,230  
hello and welcome to the skeptic zone

3  
00:00:29,920 --> 00:00:27,410  
episode number 102 for the first of

4  
00:00:32,740 --> 00:00:29,930  
October 2010 Richard Saunders here with

5  
00:00:35,860 --> 00:00:32,750  
you in Sydney Australia on this week's

6  
00:00:38,710 --> 00:00:35,870  
episode we have our two two interviews

7  
00:00:41,680 --> 00:00:38,720  
conducted by dr. Aichi the first one is

8  
00:00:44,160 --> 00:00:41,690  
with our good friend Bruce M hood it was

9  
00:00:48,430 --> 00:00:44,170  
such a delight to meet Bruce M hood at

10  
00:00:51,100 --> 00:00:48,440  
tam 8 in Las Vegas what a character what

11  
00:00:53,590 --> 00:00:51,110  
a character he is great fun that's

12  
00:00:56,830 --> 00:00:53,600  
followed by a short report by our good

13  
00:00:58,960 --> 00:00:56,840

friend Maynard as last week dr. rage and

14

00:01:02,530 --> 00:00:58,970

I traveled up to Newcastle with Maynard

15

00:01:06,430 --> 00:01:02,540

and visited the leftovers of the big

16

00:01:09,310 --> 00:01:06,440

prawn very sad very sad carried on and

17

00:01:11,650 --> 00:01:09,320

spoke at the you castle unifor the

18

00:01:15,460 --> 00:01:11,660

atheists there we gave our talks on

19

00:01:18,370 --> 00:01:15,470

skepticism and investigating claims of

20

00:01:20,770 --> 00:01:18,380

alternative medicine Maynard was on hand

21

00:01:22,900 --> 00:01:20,780

with his microphone and he did a report

22

00:01:25,510 --> 00:01:22,910

for ABC radio which we are thrilled to

23

00:01:28,180 --> 00:01:25,520

be able to replay for you on this

24

00:01:30,280 --> 00:01:28,190

episode after that one more report by

25

00:01:33,520 --> 00:01:30,290

dr. Reggie one more interview with

26

00:01:35,440 --> 00:01:33,530

Maggie McPhee now if you're in the

27

00:01:37,690 --> 00:01:35,450

united states or canada i guess and you

28

00:01:39,730 --> 00:01:37,700

want to give us a call give us a ring

29

00:01:41,770 --> 00:01:39,740

leave us a voice message that we can

30

00:01:44,500 --> 00:01:41,780

play on the show if you have a question

31

00:01:46,719 --> 00:01:44,510

or a comment rather than email you can

32

00:01:56,880 --> 00:01:46,729

always do that we have a special number

33

00:02:07,270 --> 00:01:56,890

in the United States call 6 46 49 59 205

34

00:02:12,400 --> 00:02:07,280

that's 6 46 49 59 205 extension 933 46

35

00:02:14,680 --> 00:02:12,410

that's extension 933 46 and you can

36

00:02:20,860 --> 00:02:14,690

leave us a message isn't technology

37

00:02:24,160 --> 00:02:20,870

wonderful so relax have that lovely neat

38

00:02:35,959 --> 00:02:24,170

vodka and enjoy this episode of the

39

00:02:42,240 --> 00:02:39,720

Bruce M put is currently the director of

40

00:02:44,280 --> 00:02:42,250

the Bristol cognitive development center

41

00:02:46,610 --> 00:02:44,290

in the experimental psychology

42

00:02:48,929 --> 00:02:46,620

department at the University of Bristol

43

00:02:50,399 --> 00:02:48,939

he has been a research fellow at

44

00:02:54,240 --> 00:02:50,409

Cambridge University and University

45

00:02:57,140 --> 00:02:54,250

College London a visiting scientist at

46

00:02:59,729 --> 00:02:57,150

MIT and the faculty professor at Harvard

47

00:03:02,399 --> 00:02:59,739

he was awarded an Alfred Sloan

48

00:03:03,809 --> 00:03:02,409

fellowship in neuroscience the young

49

00:03:05,849 --> 00:03:03,819

investigator award from the

50

00:03:08,490 --> 00:03:05,859

international society of indian see

51  
00:03:10,860 --> 00:03:08,500  
researchers the robert france memorial

52  
00:03:13,349 --> 00:03:10,870  
award and recently voted into the

53  
00:03:17,789 --> 00:03:13,359  
fellowship status by the Society of

54  
00:03:20,449 --> 00:03:17,799  
American Psychological Science Wow he

55  
00:03:22,229 --> 00:03:20,459  
also does a great barber shop quartet

56  
00:03:23,970 --> 00:03:22,239  
especially if you get him in a barn

57  
00:03:27,000 --> 00:03:23,980  
stick a false mustache on him as I

58  
00:03:35,909 --> 00:03:27,010  
remember once dr. Reggie caught up with

59  
00:03:38,460 --> 00:03:35,919  
Bruce add the amazing mediate okay i'm

60  
00:03:41,520 --> 00:03:38,470  
here at Tom eight in Las Vegas in the

61  
00:03:43,830 --> 00:03:41,530  
south point casino in the SGU interview

62  
00:03:46,830 --> 00:03:43,840  
room with Bruce would are they Professor

63  
00:03:49,080 --> 00:03:46,840

Bruce Smith hello dr. Richard how are

64

00:03:50,699 --> 00:03:49,090

you I'm very well slightly jet lag but

65

00:03:52,349 --> 00:03:50,709

getting back to speed so how you

66

00:03:53,879 --> 00:03:52,359

enjoying the conference so far I'm

67

00:03:56,069 --> 00:03:53,889

having a great time although I did to

68

00:03:58,409 --> 00:03:56,079

fall asleep at one point but I think I'm

69

00:04:01,229 --> 00:03:58,419

sinking back in with my quads but it's

70

00:04:04,860 --> 00:04:01,239

amazing is this a weird bizarre mix of

71

00:04:07,319 --> 00:04:04,870

diverse people who so I'm still not sure

72

00:04:08,460 --> 00:04:07,329

what to make of it but yeah it's fun but

73

00:04:10,920 --> 00:04:08,470

you've done to him before right you've

74

00:04:12,689 --> 00:04:10,930

done 10 london avenue yeah i did the

75

00:04:15,210 --> 00:04:12,699

fringe event there and but it's a very

76

00:04:18,990 --> 00:04:15,220

different different different crowd i

77

00:04:21,599 --> 00:04:19,000

think yeah yeah or I think server 2 pi

78

00:04:24,029 --> 00:04:21,609

think it's right yeah I seen a lot of

79

00:04:26,909 --> 00:04:24,039

tattoos this time was very nicely yeah

80

00:04:28,320 --> 00:04:26,919

oh that's funny well because I wouldn't

81

00:04:30,420 --> 00:04:28,330

call this casino particularly

82

00:04:32,399 --> 00:04:30,430

conservative it's a bit I mean for those

83

00:04:35,070 --> 00:04:32,409

of Allison's you haven't been to town in

84

00:04:37,320 --> 00:04:35,080

Vegas we're not on the strip we're sort

85

00:04:39,250 --> 00:04:37,330

of away from the main part of you know

86

00:04:42,080 --> 00:04:39,260

the garish

87

00:04:43,790 --> 00:04:42,090

Eiffel Towers and huge casinos and this

88

00:04:44,990 --> 00:04:43,800

casino is sort of its own entity but

89

00:04:47,240 --> 00:04:45,000

it's quite a far far away from

90

00:04:48,950 --> 00:04:47,250

everything else so yeah yeah I'm

91

00:04:53,719 --> 00:04:48,960

interestingly there's a there's a couple

92

00:04:55,010 --> 00:04:53,729

of conferences overlapping so yes I was

93

00:04:56,780 --> 00:04:55,020

three I was sitting down with the

94

00:04:59,420 --> 00:04:56,790

Australian skeptics table at your table

95

00:05:00,980 --> 00:04:59,430

today and somebody came out and clearly

96

00:05:03,680 --> 00:05:00,990

it must be some religious conference but

97

00:05:05,629 --> 00:05:03,690

they had a very scowl on their face yeah

98

00:05:07,159 --> 00:05:05,639

and through their coffee into the bucket

99

00:05:08,810 --> 00:05:07,169

next to me then turned around went back

100

00:05:09,860 --> 00:05:08,820

into their meeting so clearly I think

101  
00:05:12,050 --> 00:05:09,870  
they're aware that the right in the

102  
00:05:13,909 --> 00:05:12,060  
midst of a skeptics kind of yeah Mecca

103  
00:05:15,409 --> 00:05:13,919  
and didn't you have an interesting

104  
00:05:17,719 --> 00:05:15,419  
incident with someone looking for

105  
00:05:20,330 --> 00:05:17,729  
Richard Dawkins or something cuz richard

106  
00:05:22,310 --> 00:05:20,340  
died in here right this is I'm not sure

107  
00:05:24,860 --> 00:05:22,320  
when he's speaking but yeah he had a

108  
00:05:27,830 --> 00:05:24,870  
stalker today to me yeah yeah he's on

109  
00:05:30,710 --> 00:05:27,840  
the he's on the Saturday after me I'm is

110  
00:05:32,270 --> 00:05:30,720  
more of a bang man known as always he

111  
00:05:35,450 --> 00:05:32,280  
doesn't well not exactly but I'd like to

112  
00:05:38,960 --> 00:05:35,460  
think so yeah but know this woman looked

113  
00:05:40,159 --> 00:05:38,970

slightly crazed she was either she she

114

00:05:42,170 --> 00:05:40,169

came up and said to have you seen

115

00:05:44,060 --> 00:05:42,180

Richard Dawkins I'm i appointed i think

116

00:05:47,360 --> 00:05:44,070

he went that way what time did he pass

117

00:05:50,870 --> 00:05:47,370

by that point I said well maybe he went

118

00:05:53,360 --> 00:05:50,880

the other way I was sure she was a fan

119

00:05:55,010 --> 00:05:53,370

or fanatic or are crazed oh maybe she

120

00:05:56,930 --> 00:05:55,020

was from the other conference maybe she

121

00:06:00,020 --> 00:05:56,940

was cynical Chris yes she did have a

122

00:06:03,740 --> 00:06:00,030

very a look of urgency on her face ok ok

123

00:06:07,100 --> 00:06:03,750

so you sort of came late to being at an

124

00:06:09,310 --> 00:06:07,110

this yeah it was really a stroke of luck

125

00:06:12,680 --> 00:06:09,320

and arrogance because I just decided

126

00:06:15,140 --> 00:06:12,690

well I emailed the DJ Grothe and I said

127

00:06:17,360 --> 00:06:15,150

hey you wouldn't have to have any slots

128

00:06:19,190 --> 00:06:17,370

left with you and he wrote back to ya be

129

00:06:20,810 --> 00:06:19,200

great to have you over and it was a real

130

00:06:22,580 --> 00:06:20,820

last-minute thing and he pulled out all

131

00:06:24,409 --> 00:06:22,590

the stops you know they got everything

132

00:06:25,879 --> 00:06:24,419

sorted out arranged for me and so I've

133

00:06:27,680 --> 00:06:25,889

turned up on the bill but slightly

134

00:06:29,180 --> 00:06:27,690

unannounced but I'm really just stand to

135

00:06:30,500 --> 00:06:29,190

light over here it's great but you've

136

00:06:35,050 --> 00:06:30,510

also turned up without something else

137

00:06:38,710 --> 00:06:35,060

haven't you first oh you mean my wallet

138

00:06:40,659 --> 00:06:38,720

I know I feel so stupid I know and uh

139

00:06:43,300 --> 00:06:40,669

yeah it's actually it's a bleeding a

140

00:06:44,920 --> 00:06:43,310

blessing in disguise I've been told that

141

00:06:47,050 --> 00:06:44,930

actually turning up in Vegas with it

142

00:06:49,960 --> 00:06:47,060

with a credit card could be at the end

143

00:06:51,790 --> 00:06:49,970

of a of a professional career I let

144

00:06:53,050 --> 00:06:51,800

alone sort of financial security so

145

00:06:55,330 --> 00:06:53,060

maybe it's not such a bad thing maybe

146

00:06:56,650 --> 00:06:55,340

it's divine intervention so possibly it

147

00:06:58,150 --> 00:06:56,660

doesn't mean everyone else is buying you

148

00:07:00,909 --> 00:06:58,160

drinks I am getting the sympathy vote

149

00:07:02,590 --> 00:07:00,919

like nothing I ever so please that's

150

00:07:04,690 --> 00:07:02,600

going for my real sort of Scottish shirt

151  
00:07:07,300 --> 00:07:04,700  
no that's not true yes got a charity

152  
00:07:09,250 --> 00:07:07,310  
that's my reputation for being yes it's

153  
00:07:10,870 --> 00:07:09,260  
no don't I know we're absolutely

154  
00:07:14,080 --> 00:07:10,880  
generous when it comes to drinks let's

155  
00:07:16,210 --> 00:07:14,090  
just other people's drinks oh no no it

156  
00:07:19,200 --> 00:07:16,220  
was a it's been actually i twittered it

157  
00:07:21,760 --> 00:07:19,210  
this morning and i got a whole lot of

158  
00:07:23,790 --> 00:07:21,770  
followers who are clearly here offering

159  
00:07:26,830 --> 00:07:23,800  
to give me cash and offering to buy me

160  
00:07:28,780 --> 00:07:26,840  
breakfast and so yeah it's been a real

161  
00:07:30,550 --> 00:07:28,790  
useful way of cake to know a lot of

162  
00:07:33,190 --> 00:07:30,560  
people quickly yes I'm going to lose my

163  
00:07:34,390 --> 00:07:33,200

wallet more often to see how or at least

164

00:07:35,860 --> 00:07:34,400

just tell people you're blessed our

165

00:07:37,540 --> 00:07:35,870

lease tell ya it's a bit of a nightmare

166

00:07:40,090 --> 00:07:37,550

to be honest the frankly it just reminds

167

00:07:42,250 --> 00:07:40,100

you of how dependent we are on credit

168

00:07:43,630 --> 00:07:42,260

currents getting around the foreign

169

00:07:44,830 --> 00:07:43,640

country without me was a bit of writing

170

00:07:46,779 --> 00:07:44,840

and I would have thought the US was a

171

00:07:49,390 --> 00:07:46,789

little bit more kind of organized that

172

00:07:50,500 --> 00:07:49,400

way but in replacing indica yes I was on

173

00:07:52,000 --> 00:07:50,510

the phone to India this morning

174

00:07:53,680 --> 00:07:52,010

canceling everything so even if they

175

00:07:55,930 --> 00:07:53,690

turn up i'm still screwed but doesn't

176

00:07:57,670 --> 00:07:55,940

matter well we've actually had you on

177

00:07:59,740 --> 00:07:57,680

the zone before my listo just

178

00:08:01,300 --> 00:07:59,750

interviewed you when yes 14 smiley yeah

179

00:08:04,029 --> 00:08:01,310

when your books to percents was first

180

00:08:06,760 --> 00:08:04,039

released so some of Alice's may remember

181

00:08:08,170 --> 00:08:06,770

you from that but since then I think

182

00:08:10,240 --> 00:08:08,180

it's since then and correct me if I'm

183

00:08:13,600 --> 00:08:10,250

wrong you've been heavily involved in

184

00:08:16,420 --> 00:08:13,610

the debunking of the bomb detective oh

185

00:08:18,700 --> 00:08:16,430

yeah Afghanistan has that happens to the

186

00:08:21,340 --> 00:08:18,710

other half spoke to us I did in fact yes

187

00:08:25,960 --> 00:08:21,350

it happened all kicked off in October

188

00:08:27,310 --> 00:08:25,970

because there was a your Times expose a

189

00:08:30,640 --> 00:08:27,320

on this how biddick who's actually going

190

00:08:32,920 --> 00:08:30,650

to be the chair of my session he he was

191

00:08:35,140 --> 00:08:32,930

took part in this this explosive in New

192

00:08:37,570 --> 00:08:35,150

York Times and basically some Germans

193

00:08:39,640 --> 00:08:37,580

have fluid on to Iraq and this company

194

00:08:41,110 --> 00:08:39,650

had been selling you know I don't know

195

00:08:44,350 --> 00:08:41,120

what the figure is but in extraordinary

196

00:08:45,850 --> 00:08:44,360

figure something like 40 to 60 million

197

00:08:47,150 --> 00:08:45,860

dollars worth of these bomb detection

198

00:08:49,400 --> 00:08:47,160

devices which sure

199

00:08:53,300 --> 00:08:49,410

effectively just dowsing rods there's a

200

00:08:55,550 --> 00:08:53,310

t.a de 651 I would that court less 86

201  
00:08:57,019 --> 00:08:55,560  
funds may be a company called ATSC now I

202  
00:08:58,460 --> 00:08:57,029  
didn't think much about it I thought oh

203  
00:09:00,019 --> 00:08:58,470  
there's another example of crazy people

204  
00:09:03,850 --> 00:09:00,029  
spending far too much money than having

205  
00:09:06,519 --> 00:09:03,860  
sense and then are another bomb went off

206  
00:09:08,300 --> 00:09:06,529  
and i discovered the company and

207  
00:09:09,769 --> 00:09:08,310  
literally you know hundreds of lives

208  
00:09:12,139 --> 00:09:09,779  
have been lost so this was not a trivial

209  
00:09:13,819 --> 00:09:12,149  
thing that i discovered to my horror

210  
00:09:15,230 --> 00:09:13,829  
that the company was baseless about

211  
00:09:17,840 --> 00:09:15,240  
10-15 miles down the road from me in

212  
00:09:19,790 --> 00:09:17,850  
Somerset rural England you know right I

213  
00:09:21,199 --> 00:09:19,800

studied the thing came for you know it

214

00:09:23,179 --> 00:09:21,209

came very close to home and at that

215

00:09:25,189 --> 00:09:23,189

point I was really a little bit outraged

216

00:09:26,869 --> 00:09:25,199

so I blogged again and said look we

217

00:09:28,730 --> 00:09:26,879

really have got to contact our MPs we

218

00:09:31,040 --> 00:09:28,740

got to you know mobilize the troops it

219

00:09:33,290 --> 00:09:31,050

is something that's my surprise the

220

00:09:35,689 --> 00:09:33,300

director of the company Jim McCormack he

221

00:09:37,040 --> 00:09:35,699

left a comment on my blog say uh you

222

00:09:39,590 --> 00:09:37,050

know you don't believe all the negative

223

00:09:41,449 --> 00:09:39,600

stuff come down and have a look so you

224

00:09:43,939 --> 00:09:41,459

basically challenged me to go down and

225

00:09:45,710 --> 00:09:43,949

see this no great yeah I just a lot of

226

00:09:47,179 --> 00:09:45,720

skeptics start you know they saw the

227

00:09:48,980 --> 00:09:47,189

commentary and they serve said mean

228

00:09:50,300 --> 00:09:48,990

things you know things to ask him you

229

00:09:52,550 --> 00:09:50,310

know double-wide the experiment things

230

00:09:54,110 --> 00:09:52,560

that any good scientist should do but at

231

00:09:55,879 --> 00:09:54,120

that point I realize actually you know

232

00:09:58,129 --> 00:09:55,889

probably what we could do here is really

233

00:10:02,900 --> 00:09:58,139

try and expose him as he should do so I

234

00:10:04,670 --> 00:10:02,910

contacted the BBC and we tried setting

235

00:10:07,579 --> 00:10:04,680

oh how do you do that you swing a Hello

236

00:10:09,980 --> 00:10:07,589

Baby say hello yeah its briefs quality

237

00:10:11,480 --> 00:10:09,990

yeah I tried I had tried a bunch of guys

238

00:10:12,970 --> 00:10:11,490

try wallpapers and they weren't really

239

00:10:15,949 --> 00:10:12,980

interested but that I got this call from

240

00:10:19,220 --> 00:10:15,959

Marion Jones from news night and

241

00:10:20,420 --> 00:10:19,230

actually Caroline Hawley was the Middle

242

00:10:21,949 --> 00:10:20,430

East correspondent on it and they were

243

00:10:24,410 --> 00:10:21,959

kind of aware of the case but they never

244

00:10:25,910 --> 00:10:24,420

had didn't have any contact so they stay

245

00:10:27,230 --> 00:10:25,920

in the New York yeah they sin the New

246

00:10:28,519 --> 00:10:27,240

York pace but they didn't know that you

247

00:10:32,269 --> 00:10:28,529

know they hadn't been following up this

248

00:10:34,879 --> 00:10:32,279

guy in Somerset so and the other bit of

249

00:10:36,980 --> 00:10:34,889

really useful input I had was that one

250

00:10:39,590 --> 00:10:36,990

of the guys had make the cards because

251

00:10:41,929 --> 00:10:39,600

the McCormick was of having a these

252

00:10:44,150 --> 00:10:41,939

equipment made us where he contacted me

253

00:10:45,559 --> 00:10:44,160

and so they got our hands on the cards

254

00:10:47,660 --> 00:10:45,569

these are the substance car so you put

255

00:10:49,939 --> 00:10:47,670

inside the detector that allows you to

256

00:10:51,530 --> 00:10:49,949

resonate with dead bodies or ivory or

257

00:10:53,119 --> 00:10:51,540

whatever okay can you give us a little

258

00:10:54,550 --> 00:10:53,129

fried oysters who aren't familiar with

259

00:10:55,780 --> 00:10:54,560

what these things look like

260

00:10:58,570 --> 00:10:55,790

they're supposed to work can you give us

261

00:11:00,460 --> 00:10:58,580

a quick yeah it's it's like a handheld

262

00:11:02,260 --> 00:11:00,470

piece of plastic which has a swiveling

263

00:11:06,220 --> 00:11:02,270

rod very much similar and I think

264

00:11:07,990 --> 00:11:06,230

probably is a car aerial so it's and

265

00:11:10,480 --> 00:11:08,000

these things cost what forty thousand

266

00:11:12,010 --> 00:11:10,490

pounds another fifteen thousand pounds

267

00:11:14,290 --> 00:11:12,020

but then McCormick has always claimed

268

00:11:15,910 --> 00:11:14,300

that the actual device costs five

269

00:11:17,860 --> 00:11:15,920

thousand the wrestle to do a training I

270

00:11:19,960 --> 00:11:17,870

suspect it's all to do a backhand as you

271

00:11:21,460 --> 00:11:19,970

know as you sell these things on but

272

00:11:23,200 --> 00:11:21,470

then it has this little lead that feeds

273

00:11:24,460 --> 00:11:23,210

into a box which clips onto a belt

274

00:11:25,840 --> 00:11:24,470

around the waist and in the box are

275

00:11:28,240 --> 00:11:25,850

supposed to insert these cards the

276

00:11:30,670 --> 00:11:28,250

substance detecting cars hmm and it

277

00:11:32,410 --> 00:11:30,680

resonates and this way tonight that's

278

00:11:34,420 --> 00:11:32,420

what were the more progressive right

279

00:11:36,190 --> 00:11:34,430

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

280

00:11:39,550 --> 00:11:36,200

always kind of pseudoscience words and

281

00:11:41,950 --> 00:11:39,560

was old nano a gente was there any

282

00:11:43,630 --> 00:11:41,960

quantum in there yeah absolutely oh yeah

283

00:11:45,160 --> 00:11:43,640

quantum magnetic resonance he called it

284

00:11:49,630 --> 00:11:45,170

that was the term there you go choking

285

00:11:51,880 --> 00:11:49,640

oh yeah qmr essence going so it was kind

286

00:11:55,329 --> 00:11:51,890

of a little bit i don't concept the BBC

287

00:11:56,650 --> 00:11:55,339

and we set about trying to arrange a

288

00:11:58,390 --> 00:11:56,660

meeting and we went through this

289

00:12:00,250 --> 00:11:58,400

cat-and-mouse game of setting up a date

290

00:12:01,630 --> 00:12:00,260

and then he would decline and at that

291

00:12:04,870 --> 00:12:01,640

point the net was starting to close in

292

00:12:06,820 --> 00:12:04,880

because the Iraqi governor been called

293

00:12:09,250 --> 00:12:06,830

to question about these devices so he

294

00:12:11,110 --> 00:12:09,260

did this infamous display on the Iraqi

295

00:12:12,820 --> 00:12:11,120

television where he has one of the

296

00:12:14,380 --> 00:12:12,830

soldiers holding this device and by the

297

00:12:16,030 --> 00:12:14,390

way it works by the ideomotor effect no

298

00:12:17,440 --> 00:12:16,040

don't have your route listens I've seen

299

00:12:20,740 --> 00:12:17,450

this but very simply if you take any

300

00:12:24,190 --> 00:12:20,750

very finely balanced fulcrum any balance

301

00:12:26,500 --> 00:12:24,200

pendulum okay and you kind of try and

302

00:12:28,450 --> 00:12:26,510

hold it steady but your attention is

303

00:12:29,890 --> 00:12:28,460

drawn something in the room or you see

304

00:12:31,090 --> 00:12:29,900

something it will naturally swing

305

00:12:33,340 --> 00:12:31,100

towards it because as these

306

00:12:35,200 --> 00:12:33,350

imperceptible body movements which set

307

00:12:36,280 --> 00:12:35,210

the thing off swinging or moving so

308

00:12:38,890 --> 00:12:36,290

that's what it is it's it was

309

00:12:40,300 --> 00:12:38,900

demonstrated by Faraday about 110 years

310

00:12:41,800 --> 00:12:40,310

ago it's a well-known effective

311

00:12:43,840 --> 00:12:41,810

convincing and Randy of course James

312

00:12:44,980 --> 00:12:43,850

Randy from Randy foundation had talked

313

00:12:48,670 --> 00:12:44,990

about these things a couple of years ago

314

00:12:50,320 --> 00:12:48,680

so everyone knew it was bogus I niet

315

00:12:52,120 --> 00:12:50,330

McCormick was doing very well at selling

316

00:12:54,130 --> 00:12:52,130

these sorts of things so tell me more

317

00:12:55,449 --> 00:12:54,140

about this Iraqi TV demonstration he did

318

00:12:58,840 --> 00:12:55,459

what did that it well the head of a

319

00:13:00,519 --> 00:12:58,850

rocky defense had requisitioned all

320

00:13:03,720 --> 00:13:00,529

these devices there was no other device

321

00:13:06,550 --> 00:13:03,730

there was no subpoena was no systematic

322

00:13:07,550 --> 00:13:06,560

ferrara investigation or thorough

323

00:13:08,840 --> 00:13:07,560

examination

324

00:13:11,390 --> 00:13:08,850

expressive through checkpoints every

325

00:13:13,640 --> 00:13:11,400

checkpoint in Iraq was man with these

326

00:13:15,200 --> 00:13:13,650

devices so every checkpoint every Chapel

327

00:13:16,910 --> 00:13:15,210

yeah so they weren't even bothering to

328

00:13:19,100 --> 00:13:16,920

search the vehicle so I'm just pointing

329

00:13:21,080 --> 00:13:19,110

these car aerials on it hoping that they

330

00:13:23,260 --> 00:13:21,090

would detect these devices and then

331

00:13:26,630 --> 00:13:23,270

within this time can we can we just um

332

00:13:29,240 --> 00:13:26,640

emphasized to us that there were people

333

00:13:31,070 --> 00:13:29,250

dying from yeah blast yeah the last one

334

00:13:33,740 --> 00:13:31,080

on December the fifth the big one was

335

00:13:36,380 --> 00:13:33,750

400 and killed and that blast alone so

336

00:13:38,990 --> 00:13:36,390

that was the the one which was the last

337

00:13:41,860 --> 00:13:39,000

big one they were call to accounts and

338

00:13:44,900 --> 00:13:41,870

the press turned up the Iraqi press and

339

00:13:46,370 --> 00:13:44,910

they had a grenade and full view and the

340

00:13:48,650 --> 00:13:46,380

soldier was holding this device walking

341

00:13:50,329 --> 00:13:48,660

past and up and down past it I'm not too

342

00:13:51,710 --> 00:13:50,339

surprising device swings and there

343

00:13:53,480 --> 00:13:51,720

because they could stay it of course he

344

00:13:54,800 --> 00:13:53,490

could see it right and if he hadn't been

345

00:13:56,480 --> 00:13:54,810

instructed moved to damn think he

346

00:13:57,980 --> 00:13:56,490

probably would have did it anyway so it

347

00:13:59,870 --> 00:13:57,990

wasn't exactly a blinded test now

348

00:14:01,670 --> 00:13:59,880

notably the same thing happened to

349

00:14:04,610 --> 00:14:01,680

entire line with a slightly separate

350

00:14:07,220 --> 00:14:04,620

device called the gt2 2000 i think is or

351

00:14:08,510 --> 00:14:07,230

gt200 i should say i may actually did

352

00:14:09,920 --> 00:14:08,520

the proper studies you know they did it

353

00:14:12,829 --> 00:14:09,930

double blinded they were you couldn't

354

00:14:14,300 --> 00:14:12,839

see where the targets were and they

355

00:14:16,070 --> 00:14:14,310

announced that their studies had shown

356

00:14:18,350 --> 00:14:16,080

in fact these devices didn't work love

357

00:14:20,090 --> 00:14:18,360

it's significantly better than chance so

358

00:14:21,860 --> 00:14:20,100

credit to the you know the Thai

359

00:14:23,090 --> 00:14:21,870

government they actually did investigate

360

00:14:25,070 --> 00:14:23,100

and in fact I think they tried to

361

00:14:27,710 --> 00:14:25,080

prosecute the the chap who was

362

00:14:29,900 --> 00:14:27,720

responsible for buying these devices so

363

00:14:31,940 --> 00:14:29,910

these devices in Thailand where they

364

00:14:33,230 --> 00:14:31,950

they weren't manufactured by June did

365

00:14:35,840 --> 00:14:33,240

they come from Jim McCormack no they

366

00:14:37,640 --> 00:14:35,850

came from his former partner a company

367

00:14:39,170 --> 00:14:37,650

which which makes the gt200 which is

368

00:14:40,520 --> 00:14:39,180

it's all intensive purposes exactly the

369

00:14:42,920 --> 00:14:40,530

same device I think it doesn't have the

370

00:14:46,190 --> 00:14:42,930

substance Carter or maybe it's built

371

00:14:47,540 --> 00:14:46,200

into the to the the actual handle that

372

00:14:49,610 --> 00:14:47,550

holds it but it's effectively saw the

373

00:14:50,990 --> 00:14:49,620

same thing so then the shutdown as well

374

00:14:53,329 --> 00:14:51,000

right but tell me more about these

375

00:14:54,530 --> 00:14:53,339

substance cards yeah you actually had

376

00:14:57,140 --> 00:14:54,540

some of these in your wallet I don't

377

00:14:58,850 --> 00:14:57,150

know it was last rating I know I know so

378

00:15:00,410 --> 00:14:58,860

what are they supposed to be do you want

379

00:15:02,240 --> 00:15:00,420

put the substance in the card and then

380

00:15:04,490 --> 00:15:02,250

they change the rather have a Segway the

381

00:15:07,910 --> 00:15:04,500

car looks like a regular sized credit

382

00:15:10,100 --> 00:15:07,920

card and it has a chip inside and so we

383

00:15:12,320 --> 00:15:10,110

do these chips to analysis in Cambridge

384

00:15:15,440 --> 00:15:12,330

an electronics expert opin one out and

385

00:15:16,850 --> 00:15:15,450

farther inside it contained you know

386

00:15:19,519 --> 00:15:16,860

those security chips that you get on

387

00:15:21,499 --> 00:15:19,529

devices when you the set off alarms

388

00:15:23,059 --> 00:15:21,509

shops that's all that is actively it's

389

00:15:24,829 --> 00:15:23,069

just a little bit of wiry it looks sort

390

00:15:26,600 --> 00:15:24,839

of scientific which just makes me think

391

00:15:29,119 --> 00:15:26,610

more and more that this was a cynical

392

00:15:30,889 --> 00:15:29,129

attempt by mccormick to pass off you

393

00:15:33,199 --> 00:15:30,899

know this is a legitimate scientific

394

00:15:35,179 --> 00:15:33,209

technology when clearly he knew because

395

00:15:38,329 --> 00:15:35,189

he provided the circuits that this was

396

00:15:40,460 --> 00:15:38,339

just your fake so i can't buy the story

397

00:15:42,110 --> 00:15:40,470

that you know somehow he was being naive

398

00:15:43,879 --> 00:15:42,120

I think he's been deliberately deceptive

399

00:15:45,439 --> 00:15:43,889

so yeah they opened up one of these

400

00:15:47,090 --> 00:15:45,449

cards and father couldn't possibly

401  
00:15:49,519 --> 00:15:47,100  
contain any information that would ever

402  
00:15:51,379 --> 00:15:49,529  
code anything I mean it was suicide from

403  
00:15:52,850 --> 00:15:51,389  
the start every physicist I'd spoken to

404  
00:15:55,100 --> 00:15:52,860  
every person he knew anything about it

405  
00:15:58,309 --> 00:15:55,110  
there's just no way you know nuclear

406  
00:16:00,079 --> 00:15:58,319  
magnetic or nanotechnology yeah magnetic

407  
00:16:03,189 --> 00:16:00,089  
resonance could work before NMR is a

408  
00:16:06,259 --> 00:16:03,199  
real thing but not magnetic resonance no

409  
00:16:08,809 --> 00:16:06,269  
no so so that was so what so what

410  
00:16:12,139 --> 00:16:08,819  
happened was is that in January the BBC

411  
00:16:14,710 --> 00:16:12,149  
turned up in the kind of the factory

412  
00:16:17,329 --> 00:16:14,720  
which is effectively just an office and

413  
00:16:18,860 --> 00:16:17,339

he wasn't present he was out of the

414

00:16:21,350 --> 00:16:18,870

country then they went to his house and

415

00:16:22,939 --> 00:16:21,360

the there was no his wife answered the

416

00:16:24,139 --> 00:16:22,949

door there was no in a home apparently

417

00:16:26,540 --> 00:16:24,149

but it was quite clear he was there he

418

00:16:28,280 --> 00:16:26,550

just wasn't who's just pressuring but he

419

00:16:30,350 --> 00:16:28,290

had just been arrested anyway by even

420

00:16:33,590 --> 00:16:30,360

Somerset Police and on the basis of the

421

00:16:35,960 --> 00:16:33,600

documentary which was broadcast the

422

00:16:39,679 --> 00:16:35,970

government imposed the next book order

423

00:16:41,990 --> 00:16:39,689

ban on these devices and as we currently

424

00:16:44,540 --> 00:16:42,000

speak to mccormick is still awaiting

425

00:16:47,269 --> 00:16:44,550

trial but the other good news was about

426

00:16:49,639 --> 00:16:47,279

last last month the London police their

427

00:16:51,710 --> 00:16:49,649

international fraud squad raided three

428

00:16:54,769 --> 00:16:51,720

other companies in the London area

429

00:16:56,569 --> 00:16:54,779

including the company gt200 and seized

430

00:16:58,610 --> 00:16:56,579

their assets and shove them down really

431

00:17:03,799 --> 00:16:58,620

yeah so progress is being made though I

432

00:17:05,840 --> 00:17:03,809

have to say it looks like ATSC started

433

00:17:07,939 --> 00:17:05,850

up again are still trading so although

434

00:17:11,270 --> 00:17:07,949

he's on that is that him or Thailand

435

00:17:13,850 --> 00:17:11,280

itsm well 1880s esat-6 vestry

436

00:17:15,829 --> 00:17:13,860

McCormick's Creek so because the export

437

00:17:17,240 --> 00:17:15,839

order bad is on only two countries in

438

00:17:19,850 --> 00:17:17,250

which British interests are involved

439

00:17:22,340 --> 00:17:19,860

that was the that was the extent of the

440

00:17:23,990 --> 00:17:22,350

band so that leaves every other country

441

00:17:27,409 --> 00:17:24,000

every other destination every other

442

00:17:28,669 --> 00:17:27,419

corrupt you know government to find

443

00:17:29,030 --> 00:17:28,679

someone who's willing to spend money on

444

00:17:34,550 --> 00:17:29,040

this

445

00:17:37,130 --> 00:17:34,560

so it might be an example of Wu being

446

00:17:39,440 --> 00:17:37,140

cynically exploited but I also think

447

00:17:41,120 --> 00:17:39,450

it's an example of corruption of just

448

00:17:42,650 --> 00:17:41,130

requisitions getting somebody who's

449

00:17:44,930 --> 00:17:42,660

willing to kind of spend the money and

450

00:17:46,070 --> 00:17:44,940

filter off money which you know

451  
00:17:47,270 --> 00:17:46,080  
effectively should be going into

452  
00:17:50,390 --> 00:17:47,280  
rebuilding or the security of the

453  
00:17:51,920 --> 00:17:50,400  
country yeah I mean I I had a discussion

454  
00:17:54,920 --> 00:17:51,930  
with my dad about this and we talked

455  
00:17:56,840 --> 00:17:54,930  
about this the other day yeah my dad is

456  
00:18:00,530 --> 00:17:56,850  
was very senior in the military in

457  
00:18:02,060 --> 00:18:00,540  
Australia and I showed you the the

458  
00:18:06,020 --> 00:18:02,070  
documentary and viewers can still see

459  
00:18:08,150 --> 00:18:06,030  
that I'm probably on the BBC yeah google

460  
00:18:10,220 --> 00:18:08,160  
news night Jim McCormack or something

461  
00:18:13,700 --> 00:18:10,230  
yeah i blogged it you're fine on my

462  
00:18:15,470 --> 00:18:13,710  
brother forgot yeah but my dad was just

463  
00:18:17,900 --> 00:18:15,480

mortified that something that things

464

00:18:20,210 --> 00:18:17,910

could get to such high ranks no military

465

00:18:21,920 --> 00:18:20,220

but as you say it seems that there's a

466

00:18:23,780 --> 00:18:21,930

lot of corruption involved yeah and

467

00:18:25,550 --> 00:18:23,790

that's probably why it propelled to such

468

00:18:27,050 --> 00:18:25,560

high levels certainly the volume of

469

00:18:28,760 --> 00:18:27,060

sales suggested to me but i would add

470

00:18:30,290 --> 00:18:28,770

actually united nations were also jute

471

00:18:34,520 --> 00:18:30,300

because they were buying the devices for

472

00:18:37,190 --> 00:18:34,530

africa to try and prevent the ivory the

473

00:18:40,460 --> 00:18:37,200

illegal ivory trade yeah so you know it

474

00:18:42,080 --> 00:18:40,470

wasn't just the desperate nation so it

475

00:18:43,670 --> 00:18:42,090

you know there are a bunch of people

476

00:18:45,500 --> 00:18:43,680

been duped by and I think the

477

00:18:48,200 --> 00:18:45,510

demonstrations look pretty convincing

478

00:18:50,080 --> 00:18:48,210

when you see it so I think that sure

479

00:18:54,530 --> 00:18:50,090

it's an example where you take a very

480

00:18:56,570 --> 00:18:54,540

famous you know a bit of paranormal whoo

481

00:18:59,720 --> 00:18:56,580

and you turn into a kind of very

482

00:19:01,430 --> 00:18:59,730

lucrative immoral trade well this is the

483

00:19:02,900 --> 00:19:01,440

thing I mean this is why I watched that

484

00:19:05,300 --> 00:19:02,910

report and I felt sick to my stomach

485

00:19:07,250 --> 00:19:05,310

because that is the thing I mean this is

486

00:19:08,420 --> 00:19:07,260

not I mean I'm wearing a power balance

487

00:19:10,250 --> 00:19:08,430

bracelet right now who you know this is

488

00:19:12,320 --> 00:19:10,260

nonsense but I'm not going to be killing

489

00:19:15,410 --> 00:19:12,330

four hundred people yeah on blast by

490

00:19:17,810 --> 00:19:15,420

wearing this but you know you talk about

491

00:19:18,810 --> 00:19:17,820

the hell is the demonstrations are quite

492

00:19:22,000 --> 00:19:18,820

convincing

493

00:19:23,830 --> 00:19:22,010

to people like you and I and say Randy

494

00:19:25,810 --> 00:19:23,840

it's laughable because the Richard

495

00:19:29,110 --> 00:19:25,820

Saunders might do a show the children

496

00:19:31,180 --> 00:19:29,120

even where we teach them about blinding

497

00:19:34,000 --> 00:19:31,190

scientific experiments using dowsing yes

498

00:19:36,130 --> 00:19:34,010

so we do we have like six you know jobs

499

00:19:38,050 --> 00:19:36,140

and underneath one of the tubs we have a

500

00:19:39,670 --> 00:19:38,060

bottle of water and it the first time we

501  
00:19:41,350 --> 00:19:39,680  
have it just sitting on top of the tub

502  
00:19:43,450 --> 00:19:41,360  
yeah they walk along the broad views

503  
00:19:45,010 --> 00:19:43,460  
yeah second time we put it onto the tub

504  
00:19:47,680 --> 00:19:45,020  
that we they know which targets under

505  
00:19:49,390 --> 00:19:47,690  
the mud lives and the third time they

506  
00:19:51,040 --> 00:19:49,400  
don't know which tab it's under yeah and

507  
00:19:52,840 --> 00:19:51,050  
they never find it yeah you know it's

508  
00:19:55,330 --> 00:19:52,850  
very very simple experiment to conduct

509  
00:19:58,210 --> 00:19:55,340  
yeah and it's amazing to me that people

510  
00:20:00,460 --> 00:19:58,220  
have such a high level have been duped

511  
00:20:03,430 --> 00:20:00,470  
by this stuff you know yeah I actually

512  
00:20:05,110 --> 00:20:03,440  
use your example but whenever I kind of

513  
00:20:07,570 --> 00:20:05,120

talked about and I was going to talk

514

00:20:09,190 --> 00:20:07,580

about this on Saturday when i doing I've

515

00:20:10,930 --> 00:20:09,200

actually got a real grenade but I

516

00:20:13,330 --> 00:20:10,940

decided that if I was trying to fly into

517

00:20:14,530 --> 00:20:13,340

the u.s. real grenade it probably

518

00:20:16,060 --> 00:20:14,540

wouldn't go down very well so I'm

519

00:20:17,470 --> 00:20:16,070

cutting that bit from my talk I'm

520

00:20:19,660 --> 00:20:17,480

probably mentioned just briefly but

521

00:20:21,010 --> 00:20:19,670

given I've also lost the substance

522

00:20:22,150 --> 00:20:21,020

guards wish I was going to talk about oh

523

00:20:24,550 --> 00:20:22,160

yeah I'll have to find something else

524

00:20:26,260 --> 00:20:24,560

yeah let's think about yeah no you're

525

00:20:27,640 --> 00:20:26,270

right it's uh and that's what's

526

00:20:31,210 --> 00:20:27,650

remarkable were your demonstration

527

00:20:33,310 --> 00:20:31,220

because if you know even when you know

528

00:20:35,200 --> 00:20:33,320

that it's not a real thing it's still

529

00:20:37,510 --> 00:20:35,210

the rod still moves yeah really quite

530

00:20:39,880 --> 00:20:37,520

remarkable yeah yeah I mean we do a lot

531

00:20:41,680 --> 00:20:39,890

of investigations with us to where we go

532

00:20:43,510 --> 00:20:41,690

when people write to us and say I can

533

00:20:44,860 --> 00:20:43,520

find water underground we've drive out

534

00:20:46,780 --> 00:20:44,870

to the country when with the mandalas

535

00:20:48,430 --> 00:20:46,790

test and every time we've done it

536

00:20:51,100 --> 00:20:48,440

Australians get this have done it for 30

537

00:20:52,630 --> 00:20:51,110

years yeah in every what yeah and I've

538

00:20:54,970 --> 00:20:52,640

supposed to be a little convinced that

539

00:20:56,530 --> 00:20:54,980

works and where I live somerset and i

540

00:20:59,170 --> 00:20:56,540

suspect this was a big influence in jim

541

00:21:00,730 --> 00:20:59,180

mccormick being based down there there

542

00:21:04,120 --> 00:21:00,740

are professionals who will show you

543

00:21:05,530 --> 00:21:04,130

dowsing services so you know it's still

544

00:21:07,870 --> 00:21:05,540

in fact you know this is funny thing

545

00:21:10,150 --> 00:21:07,880

actually I when this thing broke in

546

00:21:13,240 --> 00:21:10,160

January there was a huge media storm

547

00:21:14,710 --> 00:21:13,250

about it and I went to various sites

548

00:21:15,970 --> 00:21:14,720

that were dowsing sites who were

549

00:21:18,220 --> 00:21:15,980

disowning themselves saying well of

550

00:21:20,560 --> 00:21:18,230

course that was that was bogus dow z

551

00:21:22,960 --> 00:21:20,570

wasn't real dowsing so even then they

552

00:21:25,480 --> 00:21:22,970

kind of disowned McCormick's activities

553

00:21:28,510 --> 00:21:25,490

who by the way my interest

554

00:21:30,580 --> 00:21:28,520

yes do tell well it turns out that he's

555

00:21:32,130 --> 00:21:30,590

a former police officer yeah Merseyside

556

00:21:35,230 --> 00:21:32,140

Police which makes it all the more

557

00:21:37,299 --> 00:21:35,240

outrageous that this man can even get up

558

00:21:39,130 --> 00:21:37,309

in the morning and serve you know live

559

00:21:41,980 --> 00:21:39,140

his life I think this unbelievable

560

00:21:43,720 --> 00:21:41,990

arrogance and yet these things go on I

561

00:21:44,830 --> 00:21:43,730

just wanted to congratulate you on that

562

00:21:46,150 --> 00:21:44,840

work but it's because I think what

563

00:21:47,650 --> 00:21:46,160

you've done is really making a huge

564

00:21:50,080 --> 00:21:47,660

difference and you know this I mean

565

00:21:52,270 --> 00:21:50,090

people talk about skeptics being grumpy

566

00:21:53,740 --> 00:21:52,280

and cynical and just you know cardi

567

00:21:55,980 --> 00:21:53,750

pooping but sometimes it's actually

568

00:21:57,970 --> 00:21:55,990

applicable yeah and can actually affect

569

00:21:59,530 --> 00:21:57,980

people's lives and says this is

570

00:22:01,390 --> 00:21:59,540

something I think that you've done a

571

00:22:03,610 --> 00:22:01,400

fantastic job in doing this that's very

572

00:22:06,430 --> 00:22:03,620

kind of you but I really must share any

573

00:22:07,810 --> 00:22:06,440

kind of praise with the whole skeptics

574

00:22:09,700 --> 00:22:07,820

community because you know if they

575

00:22:11,140 --> 00:22:09,710

hadn't been blogging about it he hadn't

576  
00:22:13,180 --> 00:22:11,150  
had the james randi foundation you had

577  
00:22:15,370 --> 00:22:13,190  
how these guys keeping things in the

578  
00:22:17,350 --> 00:22:15,380  
profile I wouldn't have got involved so

579  
00:22:18,730 --> 00:22:17,360  
I was just a small cog in a wheel and

580  
00:22:20,260 --> 00:22:18,740  
you know I think we've still got to keep

581  
00:22:21,490 --> 00:22:20,270  
being vigilant and keep you know keep

582  
00:22:23,710 --> 00:22:21,500  
the spotlight on these guys because

583  
00:22:25,360 --> 00:22:23,720  
clearly you know there's a lot of nasty

584  
00:22:28,419 --> 00:22:25,370  
dubious characters out there me just

585  
00:22:30,400 --> 00:22:28,429  
going to be careful yeah well you've got

586  
00:22:32,680 --> 00:22:30,410  
super senses is out how's that going is

587  
00:22:34,330 --> 00:22:32,690  
it sold out or out of print yet oh well

588  
00:22:35,710 --> 00:22:34,340

i wish i wish i could say that was the

589

00:22:36,910 --> 00:22:35,720

case though it's come out again in the

590

00:22:37,990 --> 00:22:36,920

u.s. under new title i think they

591

00:22:39,640 --> 00:22:38,000

thought super sensor is probably a

592

00:22:41,919 --> 00:22:39,650

little bit too kind of obscure for a

593

00:22:43,450 --> 00:22:41,929

title but it's you tackle as a paperback

594

00:22:45,549 --> 00:22:43,460

is the science of superstition and

595

00:22:47,770 --> 00:22:45,559

that's actually done really well it's

596

00:22:49,750 --> 00:22:47,780

already household super sense in its pre

597

00:22:51,850 --> 00:22:49,760

sales really yeah yeah so that's the

598

00:22:54,340 --> 00:22:51,860

good news but i'm working on a new one

599

00:22:56,530 --> 00:22:54,350

so you know that's for my efforts to

600

00:22:57,850 --> 00:22:56,540

concentrate for the next year so where

601  
00:23:00,549 --> 00:22:57,860  
can I listens find out more about you

602  
00:23:02,710 --> 00:23:00,559  
and buy the book okay well you can go to

603  
00:23:04,690 --> 00:23:02,720  
my site you can google me of course it

604  
00:23:09,190 --> 00:23:04,700  
was the easiest way but my side is i

605  
00:23:10,299 --> 00:23:09,200  
think w WM food.com excellent well

606  
00:23:17,960 --> 00:23:10,309  
thanks for joining us today on the

607  
00:23:26,460 --> 00:23:22,620  
this is an EVP I recorded last night how

608  
00:23:28,320 --> 00:23:26,470  
you doing I'm a ghost what's up you guys

609  
00:23:32,550 --> 00:23:28,330  
can't possibly ignore that type of it

610  
00:23:34,110 --> 00:23:32,560  
who are you we're doing my own EVPs of

611  
00:23:36,120 --> 00:23:34,120  
the result of pareidolia and cross

612  
00:23:39,030 --> 00:23:36,130  
modulation combined with the listeners

613  
00:23:43,110 --> 00:23:39,040

hopes and expectations this have to do

614

00:23:53,100 --> 00:23:43,120

with science you just gotta skip to be

615

00:24:01,650 --> 00:23:53,110

food well skeptically pound calm we're

616

00:24:04,080 --> 00:24:01,660

small screen it's in the next on

617

00:24:06,720 --> 00:24:04,090

saturday the twenty-fifth off September

618

00:24:09,300 --> 00:24:06,730

dr. rachey and I jumped in a car with

619

00:24:12,260 --> 00:24:09,310

Maynard and we all drove up to New

620

00:24:15,240 --> 00:24:12,270

Castle we were to be the guests of the

621

00:24:19,170 --> 00:24:15,250

University of Newcastle atheist society

622

00:24:22,350 --> 00:24:19,180

who invited us to come up along the way

623

00:24:26,940 --> 00:24:22,360

we stopped by the leftovers of the big

624

00:24:30,930 --> 00:24:26,950

porn it's very sad sleep once famous

625

00:24:33,030 --> 00:24:30,940

giant well not so giant but sort of a

626  
00:24:36,030 --> 00:24:33,040  
big painted prawn over a service station

627  
00:24:39,440 --> 00:24:36,040  
was a landmark in the newcastle area and

628  
00:24:43,470 --> 00:24:39,450  
we discovered it in pieces on the ground

629  
00:24:45,780 --> 00:24:43,480  
but despite that we continued on we

630  
00:24:48,960 --> 00:24:45,790  
reached the university and gave out

631  
00:24:52,200 --> 00:24:48,970  
talks that night Maynard was on hand to

632  
00:25:06,330 --> 00:24:52,210  
provide music and also to conduct some

633  
00:25:07,590 --> 00:25:06,340  
interviews into beautiful very well

634  
00:25:09,030 --> 00:25:07,600  
you've been already made the

635  
00:25:10,410 --> 00:25:09,040  
presentation with the skeptics and the

636  
00:25:12,930 --> 00:25:10,420  
atheists tonight here at the bar on the

637  
00:25:16,550 --> 00:25:12,940  
hill listen I really enjoyed it actually

638  
00:25:19,350 --> 00:25:16,560

mmm I i was a little bit skeptical

639

00:25:20,880 --> 00:25:19,360

coming but i really i really liked it i

640

00:25:21,900 --> 00:25:20,890

thought it was fantastic the what you're

641

00:25:23,970 --> 00:25:21,910

worried it might have been a bit drier

642

00:25:25,680 --> 00:25:23,980

scientific sighs I'm a bit I've grown

643

00:25:27,810 --> 00:25:25,690

up in a bit of a hippie family so I've

644

00:25:29,730 --> 00:25:27,820

grown up on her bull remedies and you

645

00:25:31,350 --> 00:25:29,740

know alternative medicine so I was a

646

00:25:32,640 --> 00:25:31,360

little bit funny about that kind of

647

00:25:34,620 --> 00:25:32,650

aspect of it but I thought it was

648

00:25:36,450 --> 00:25:34,630

fantastic I thought it was brilliant I

649

00:25:40,320 --> 00:25:36,460

loved what I especially loved Richard

650

00:25:41,220 --> 00:25:40,330

Richard Richard introduction so it's a

651  
00:25:42,700 --> 00:25:41,230  
change the way even thought about

652  
00:25:45,039 --> 00:25:42,710  
anything tonight

653  
00:25:46,860 --> 00:25:45,049  
yeah absolutely I think it's a I could

654  
00:25:49,740 --> 00:25:46,870  
get some heightened my critical thinking

655  
00:25:52,299 --> 00:25:49,750  
yeah I think I think it's made me

656  
00:25:55,080 --> 00:25:52,309  
question things a little bit more maybe

657  
00:25:57,159 --> 00:25:55,090  
and particularly cosmetic ads maybe oh

658  
00:25:59,860 --> 00:25:57,169  
hey I've always questioned those

659  
00:26:01,960 --> 00:25:59,870  
seriously oh my god that's great really

660  
00:26:03,310 --> 00:26:01,970  
enjoyed it well I noticed you asked a

661  
00:26:05,200 --> 00:26:03,320  
question of Richard if he'd ever been

662  
00:26:07,389 --> 00:26:05,210  
stumped and now how come you asked that

663  
00:26:09,700 --> 00:26:07,399

question well I've spent five years

664

00:26:13,630 --> 00:26:09,710

working with drillers on there is

665

00:26:16,299 --> 00:26:13,640

borehole drilling sites and I had quite

666

00:26:21,190 --> 00:26:16,309

a few people claim that would advising

667

00:26:23,620 --> 00:26:21,200

works and you know to my knowledge a lot

668

00:26:25,120 --> 00:26:23,630

of time it has worked and to be honest I

669

00:26:26,049 --> 00:26:25,130

think that a lot of it is to do with the

670

00:26:29,560 --> 00:26:26,059

fact that there's water everywhere

671

00:26:31,779 --> 00:26:29,570

underground and you may be richard has

672

00:26:33,549 --> 00:26:31,789

had something to say and maybe it's a

673

00:26:35,889 --> 00:26:33,559

lot of [h\_\_h] I do think that it

674

00:26:37,210 --> 00:26:35,899

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

675

00:26:39,490 --> 00:26:37,220

hope do you think most of the people

676

00:26:40,630 --> 00:26:39,500

you've seen do it that its work think

677

00:26:42,159 --> 00:26:40,640

they believe in it or I think they're

678

00:26:44,230 --> 00:26:42,169

trying to put something over i think

679

00:26:45,669 --> 00:26:44,240

they entirely believe in it but they

680

00:26:47,980 --> 00:26:45,679

just need someone to go out there and

681

00:26:50,139 --> 00:26:47,990

show them that maybe what you're doing

682

00:26:51,940 --> 00:26:50,149

isn't quite the right way to go about it

683

00:26:53,169 --> 00:26:51,950

obvious anything to have you heard

684

00:26:55,750 --> 00:26:53,179

anything tonight will change the way you

685

00:26:58,060 --> 00:26:55,760

think well tonight he accidentally made

686

00:27:02,230 --> 00:26:58,070

the wrong choice on his water divining

687

00:27:04,240 --> 00:27:02,240

trick so did it may or may not have

688

00:27:05,830 --> 00:27:04,250

cocked up a little well I might have a

689

00:27:07,630 --> 00:27:05,840

word to him about that thanks a lot so I

690

00:27:09,310 --> 00:27:07,640

Hank it I'm here with our Richard

691

00:27:11,529 --> 00:27:09,320

Saunders yeah what's your official title

692

00:27:13,360 --> 00:27:11,539

again Richard vice president of

693

00:27:15,760 --> 00:27:13,370

Australian skeptics and producer of the

694

00:27:17,500 --> 00:27:15,770

skeptic zone podcast and now you've just

695

00:27:19,090 --> 00:27:17,510

given a talk with dr. Roger here the

696

00:27:20,620 --> 00:27:19,100

vice president at the bar on the hill

697

00:27:22,389 --> 00:27:20,630

I've been talking to someone over there

698

00:27:24,190 --> 00:27:22,399

who has seen some examples of water

699

00:27:26,950 --> 00:27:24,200

divining happening and you do a bit of a

700

00:27:28,480 --> 00:27:26,960

divining on stage there and it didn't go

701  
00:27:31,990 --> 00:27:28,490  
to plan tell us what happened tonight

702  
00:27:34,389 --> 00:27:32,000  
well i did a blind test where I didn't

703  
00:27:37,090 --> 00:27:34,399  
know under which cup the the object was

704  
00:27:40,480 --> 00:27:37,100  
under one of six cups and I had a guess

705  
00:27:42,010 --> 00:27:40,490  
and I got it right which would perhaps

706  
00:27:43,450 --> 00:27:42,020  
say that maybe divining under some

707  
00:27:46,490 --> 00:27:43,460  
circumstances work

708  
00:27:48,649 --> 00:27:46,500  
as long as you consider a random chance

709  
00:27:49,549 --> 00:27:48,659  
working yes and how often does that

710  
00:27:51,889 --> 00:27:49,559  
happen to you when you've demonstrated

711  
00:27:54,080 --> 00:27:51,899  
that about one in six times actually out

712  
00:27:55,220 --> 00:27:54,090  
of a one-in-six try yes yeah and what

713  
00:27:56,480 --> 00:27:55,230

did you make about audience here tonight

714

00:27:57,740 --> 00:27:56,490

the bar on the hill what sort of

715

00:27:59,330 --> 00:27:57,750

questions where they asked me about

716

00:28:00,799 --> 00:27:59,340

science because it was an atheist crowd

717

00:28:02,629 --> 00:28:00,809

they weren't really ask you much about

718

00:28:05,180 --> 00:28:02,639

religion they were asking about various

719

00:28:07,039 --> 00:28:05,190

aspects of pseudoscience absolutely it

720

00:28:09,169 --> 00:28:07,049

was scarcely touched on religion at all

721

00:28:12,100 --> 00:28:09,179

tonight it was more or less about how

722

00:28:14,930 --> 00:28:12,110

science can investigate amazing and

723

00:28:16,460 --> 00:28:14,940

fantastic claims and what fantastic

724

00:28:18,919 --> 00:28:16,470

claims did they send the most interested

725

00:28:20,450 --> 00:28:18,929

in alternative medicine I thought some

726

00:28:22,009 --> 00:28:20,460

questions about psychics but a lot of

727

00:28:24,169 --> 00:28:22,019

questions about acupuncture about

728

00:28:25,610 --> 00:28:24,179

vaccinations and things like that now

729

00:28:28,100 --> 00:28:25,620

one question I've always wanted to ask

730

00:28:30,409 --> 00:28:28,110

someone like yourself a skeptic is there

731

00:28:33,409 --> 00:28:30,419

any one version of war or paranormal

732

00:28:35,450 --> 00:28:33,419

science that you wish was true yeah I

733

00:28:37,940 --> 00:28:35,460

really wish that people could use their

734

00:28:39,680 --> 00:28:37,950

mystical powers to solve crimes I mean

735

00:28:41,539 --> 00:28:39,690

my heart goes out to people briefed

736

00:28:43,970 --> 00:28:41,549

people or people who are missing loved

737

00:28:46,460 --> 00:28:43,980

ones if there was some way that we could

738

00:28:48,560 --> 00:28:46,470

circumvent the laws of nature to solve

739

00:28:50,029 --> 00:28:48,570

those crimes I'd be all for it we're

740

00:28:53,060 --> 00:28:50,039

still here at the bar on the hill with

741

00:28:54,649 --> 00:28:53,070

dr. Rocha the the vice president it had

742

00:28:56,570 --> 00:28:54,659

to enjoy the gig tonight like basically

743

00:28:59,360 --> 00:28:56,580

what does the talk that you give entail

744

00:29:01,460 --> 00:28:59,370

my talk is really about the hijacking of

745

00:29:04,279 --> 00:29:01,470

scientific terminology and technology

746

00:29:06,139 --> 00:29:04,289

and being added to say products that

747

00:29:08,450 --> 00:29:06,149

might be a little bit suspicious that

748

00:29:10,669 --> 00:29:08,460

maybe not based in much evidence but

749

00:29:12,470 --> 00:29:10,679

they use Sciences sounding words to make

750

00:29:13,999 --> 00:29:12,480

them sound more legitimate and basically

751  
00:29:15,710 --> 00:29:14,009  
they can charge more money for them if

752  
00:29:17,570 --> 00:29:15,720  
they've got quantum in the in the title

753  
00:29:20,240 --> 00:29:17,580  
well I would imagine that things that do

754  
00:29:21,830 --> 00:29:20,250  
that mainly would be cosmetics not just

755  
00:29:23,389 --> 00:29:21,840  
cosmetics cosmetics are very big

756  
00:29:25,399 --> 00:29:23,399  
offenders though they're actually known

757  
00:29:27,000 --> 00:29:25,409  
as cosmeceuticals when they use things

758  
00:29:29,280 --> 00:29:27,010  
like that like

759  
00:29:32,340 --> 00:29:29,290  
DNA in the title or photo by a

760  
00:29:34,350 --> 00:29:32,350  
modulation or hyaluronic acid was it a

761  
00:29:36,330 --> 00:29:34,360  
real science words but they've hijacked

762  
00:29:37,980 --> 00:29:36,340  
to add to their product so then they can

763  
00:29:40,680 --> 00:29:37,990

charge more but there are other things

764

00:29:42,300 --> 00:29:40,690

that do it too there is for example the

765

00:29:44,840 --> 00:29:42,310

power balance bracelet that Richard

766

00:29:47,940 --> 00:29:44,850

talked about tonight uses scalar energy

767

00:29:49,590 --> 00:29:47,950

all to make it sound like it's possibly

768

00:29:50,910 --> 00:29:49,600

more technologically advanced and

769

00:29:53,130 --> 00:29:50,920

therefore you can charge more money for

770

00:29:55,350 --> 00:29:53,140

it and is there any legislation that

771

00:29:58,200 --> 00:29:55,360

stops people from doing this not really

772

00:29:59,460 --> 00:29:58,210

unless you're making medical claims if

773

00:30:01,650 --> 00:29:59,470

you're saying that you can cure

774

00:30:03,090 --> 00:30:01,660

something then there is legislation to

775

00:30:05,940 --> 00:30:03,100

say that you must show evidence that you

776

00:30:09,060 --> 00:30:05,950

can cure but if you just say assists

777

00:30:10,290 --> 00:30:09,070

with or helps with or may help with then

778

00:30:12,030 --> 00:30:10,300

you can get away with anything really

779

00:30:13,830 --> 00:30:12,040

and what sort of questions did you get

780

00:30:15,360 --> 00:30:13,840

from the audience tonight what's the

781

00:30:16,620 --> 00:30:15,370

really interesting questions made up my

782

00:30:18,270 --> 00:30:16,630

god we've got a couple of questions

783

00:30:20,220 --> 00:30:18,280

about has anything we've done ever

784

00:30:23,130 --> 00:30:20,230

stumped us or we have we come across

785

00:30:24,570 --> 00:30:23,140

anything that stumped us and you know

786

00:30:26,850 --> 00:30:24,580

what we were kind of stumped by that

787

00:30:29,940 --> 00:30:26,860

question we couldn't really think of

788

00:30:32,100 --> 00:30:29,950

anything that's stumped us i also got

789

00:30:34,100 --> 00:30:32,110

quite a few questions about specific

790

00:30:36,270 --> 00:30:34,110

types of alternative medicine like

791

00:30:38,970 --> 00:30:36,280

acupuncture for example does it work

792

00:30:41,790 --> 00:30:38,980

what is really homeopathy how does that

793

00:30:43,620 --> 00:30:41,800

work so yeah lots of good questions and

794

00:30:45,000 --> 00:30:43,630

lots of discussion and you finally get

795

00:30:47,160 --> 00:30:45,010

to be difficult sometimes does your

796

00:30:49,350 --> 00:30:47,170

specialty field is cell biology is that

797

00:30:50,940 --> 00:30:49,360

correct that's correct yep okay so when

798

00:30:52,500 --> 00:30:50,950

people say oh ok what about fish oil

799

00:30:53,790 --> 00:30:52,510

what about this what about that and I

800

00:30:55,260 --> 00:30:53,800

asked about all these different herbal

801  
00:30:56,490 --> 00:30:55,270  
cures and you haven't had a chance to

802  
00:30:58,560 --> 00:30:56,500  
run through all of them that must get a

803  
00:31:00,240 --> 00:30:58,570  
bit difficult yeah well when that

804  
00:31:01,890 --> 00:31:00,250  
happens i just say i haven't read the

805  
00:31:04,080 --> 00:31:01,900  
literature and I don't know and I'd have

806  
00:31:06,330 --> 00:31:04,090  
to look it up because yeah I can't read

807  
00:31:08,910 --> 00:31:06,340  
all of the scientific literature my area

808  
00:31:11,970 --> 00:31:08,920  
is aging really so I know of a bit about

809  
00:31:14,220 --> 00:31:11,980  
Parkinson's and heart disease and motor

810  
00:31:16,890 --> 00:31:14,230  
neuron disease but I don't know every

811  
00:31:19,380 --> 00:31:16,900  
single type of medicine and whether it's

812  
00:31:21,420 --> 00:31:19,390  
helped in some specific type of illness

813  
00:31:23,790 --> 00:31:21,430

so i'd say i don't know i have to say i

814

00:31:25,620 --> 00:31:23,800

don't know now one thing you said up on

815

00:31:28,320 --> 00:31:25,630

stage that really annoys you is that

816

00:31:29,970 --> 00:31:28,330

science is often hard and very tedious

817

00:31:32,960 --> 00:31:29,980

and quite a long process and that

818

00:31:35,990 --> 00:31:32,970

bothers you when people take shortcuts

819

00:31:38,570 --> 00:31:36,000

yes it does may not because I do spend

820

00:31:40,909 --> 00:31:38,580

many many hours in the lab and science

821

00:31:42,919 --> 00:31:40,919

is frustrating a lot of the time you do

822

00:31:45,200 --> 00:31:42,929

sometimes get you your recommitment but

823

00:31:47,720 --> 00:31:45,210

they're few and far between and so it's

824

00:31:50,840 --> 00:31:47,730

a hard slog so when people kind of take

825

00:31:53,120 --> 00:31:50,850

our work and our terminology and add it

826

00:31:55,340 --> 00:31:53,130

to some magic machine and charged three

827

00:31:57,680 --> 00:31:55,350

hundred dollars to print out a random

828

00:31:59,630 --> 00:31:57,690

list of allergies that you might have it

829

00:32:02,630 --> 00:31:59,640

kind of pisses me off a little bit dr.

830

00:32:05,510 --> 00:32:02,640

rachy is there any way that you wish was

831

00:32:07,250 --> 00:32:05,520

true of all the Wu and all the sort of

832

00:32:08,450 --> 00:32:07,260

paranormal activity you've investigated

833

00:32:09,740 --> 00:32:08,460

have a look at that you've found not to

834

00:32:12,500 --> 00:32:09,750

be the case is there one that you would

835

00:32:13,940 --> 00:32:12,510

like to be the case that's a really good

836

00:32:16,370 --> 00:32:13,950

question you know I've never thought

837

00:32:19,190 --> 00:32:16,380

about that I would like to see some

838

00:32:20,539 --> 00:32:19,200

really good UFO examples I would be

839

00:32:21,799 --> 00:32:20,549

interested in talking to the dead but

840

00:32:24,440 --> 00:32:21,809

when you think about it if you could

841

00:32:26,539 --> 00:32:24,450

talk to the dead that would so change

842

00:32:28,310 --> 00:32:26,549

our society to a point that would be

843

00:32:30,620 --> 00:32:28,320

unimaginable if you could talk everyone

844

00:32:31,760 --> 00:32:30,630

that has died I can't imagine what that

845

00:32:33,730 --> 00:32:31,770

would be like I mean I have a trouble

846

00:32:36,919 --> 00:32:33,740

talking to people i know they're alive

847

00:32:39,110 --> 00:32:36,929

imagine that yeah yeah no I you know I

848

00:32:40,580 --> 00:32:39,120

don't think so i think if you think of

849

00:32:42,649 --> 00:32:40,590

it from what I do which is out med I

850

00:32:45,560 --> 00:32:42,659

mean what I like homeopathy to be real

851

00:32:49,159 --> 00:32:45,570

well not really because it's it really

852

00:32:51,590 --> 00:32:49,169

simplifies science by saying water has a

853

00:32:53,510 --> 00:32:51,600

memory and you can dilute something

854

00:32:54,890 --> 00:32:53,520

really to a huge degree and it still

855

00:32:56,570 --> 00:32:54,900

works and science is much more

856

00:32:58,250 --> 00:32:56,580

complicated than that and much more

857

00:32:59,930 --> 00:32:58,260

beautiful than that

858

00:33:02,450 --> 00:32:59,940

and unraveling new and interesting

859

00:33:04,790 --> 00:33:02,460

things about science every time we do an

860

00:33:07,700 --> 00:33:04,800

experiment adds more fascination and

861

00:33:09,860 --> 00:33:07,710

more excitement to to evolution into

862

00:33:12,440 --> 00:33:09,870

nature so the way that it's simplified

863

00:33:15,020 --> 00:33:12,450

makes a dollar really so you'd rather

864

00:33:17,360 --> 00:33:15,030

put your imagination to unlocking real

865

00:33:18,920 --> 00:33:17,370

science absolutely Maynard I think that

866

00:33:20,810 --> 00:33:18,930

the beauty of the natural world is much

867

00:33:22,670 --> 00:33:20,820

more interesting than what people can

868

00:33:25,130 --> 00:33:22,680

make up what is the one thing that

869

00:33:26,600 --> 00:33:25,140

people should see as a sign that make

870

00:33:29,150 --> 00:33:26,610

them skeptical straight away when you

871

00:33:32,330 --> 00:33:29,160

see something you should get our if it's

872

00:33:34,670 --> 00:33:32,340

been sold only with testimonials so if

873

00:33:37,490 --> 00:33:34,680

mrs. blogs from down the street says it

874

00:33:40,760 --> 00:33:37,500

worked for me it probably didn't so

875

00:33:51,170 --> 00:33:40,770

prick up your ears be skeptical and do

876

00:33:54,860 --> 00:33:51,180

your research this is brian dunning from

877

00:33:57,290 --> 00:33:54,870

SCAP tide calm warning avoid skeptics in

878

00:34:00,260 --> 00:33:57,300

the pub in sydney on october 7th at all

879

00:34:02,930 --> 00:34:00,270

costs Maynard is going to be there the

880

00:34:04,850 --> 00:34:02,940

avalanche of irrationality and ill logic

881

00:34:07,850 --> 00:34:04,860

that he'll no doubt unleash will be

882

00:34:10,909 --> 00:34:07,860

hazardous to anyone who attends October

883

00:34:13,490 --> 00:34:10,919

7th please be as far away from skeptics

884

00:34:24,599 --> 00:34:13,500

in the pub in Sydney as possible thank

885

00:34:30,040 --> 00:34:27,430

Maggie McPhee is one of the organizers

886

00:34:32,889 --> 00:34:30,050

of the Boston skeptics a very successful

887

00:34:36,369 --> 00:34:32,899

group originally established by rebecca

888

00:34:39,040 --> 00:34:36,379

watson maggie is an audio-visual

889

00:34:41,559 --> 00:34:39,050

aficionado who skillfully coordinates

890

00:34:43,690 --> 00:34:41,569

the technology and films talks at

891

00:34:46,389 --> 00:34:43,700

skeptics in the pub which are then put

892

00:34:48,909 --> 00:34:46,399

online for all to see in this interview

893

00:34:51,609 --> 00:34:48,919

she gives us some tips about running a

894

00:34:55,000 --> 00:34:51,619

skeptical group and provide some ideas

895

00:34:58,380 --> 00:34:55,010

about options outside of the pub to such

896

00:35:05,500 --> 00:34:58,390

as book clubs and branches and even

897

00:35:07,720 --> 00:35:05,510

skeptics in the park and i'm here with

898

00:35:09,270 --> 00:35:07,730

Maggie McPhee from Boston skeptics hi

899

00:35:12,520 --> 00:35:09,280

Maggie welcome to the skeptic zone

900

00:35:15,309 --> 00:35:12,530

lovely to see you how you and well

901  
00:35:17,260 --> 00:35:15,319  
that's good so you get to see you tell

902  
00:35:19,300 --> 00:35:17,270  
us a little bit about what Boston

903  
00:35:21,790 --> 00:35:19,310  
skeptics do I know you do a skeptics in

904  
00:35:24,010 --> 00:35:21,800  
the pub what I've been to your skippers

905  
00:35:27,160 --> 00:35:24,020  
in the poverty of fight aux there around

906  
00:35:28,240 --> 00:35:27,170  
half you learn oh it's true tell me a

907  
00:35:30,880 --> 00:35:28,250  
little bit about the skeptics in the pub

908  
00:35:33,579 --> 00:35:30,890  
well Rebecca started the group initially

909  
00:35:35,260 --> 00:35:33,589  
it was very loose she just you know just

910  
00:35:39,010 --> 00:35:35,270  
Rebecca she said I'm going to do this

911  
00:35:41,680 --> 00:35:39,020  
and did it and she began recruiting some

912  
00:35:44,890 --> 00:35:41,690  
of us who you know friends who are you

913  
00:35:47,589 --> 00:35:44,900

know in the the movement and we began to

914

00:35:50,890 --> 00:35:47,599

make it more and more cohesive more more

915

00:35:53,140 --> 00:35:50,900

organized so now we're kind of one of

916

00:35:55,450 --> 00:35:53,150

those what they were describing us you

917

00:35:58,599 --> 00:35:55,460

know hybrids today you know we're not

918

00:36:00,940 --> 00:35:58,609

incorporated but we're very cohesive

919

00:36:03,220 --> 00:36:00,950

where you know but we are our big thing

920

00:36:05,859 --> 00:36:03,230

as we do skeptics in the pub each month

921

00:36:09,010 --> 00:36:05,869

uh-huh we tend to get really good

922

00:36:11,440 --> 00:36:09,020

speakers cause of just circumstances we

923

00:36:13,900 --> 00:36:11,450

you know we shoot those we put them

924

00:36:17,170 --> 00:36:13,910

online usually depending on that speaker

925

00:36:19,210 --> 00:36:17,180

if we can um so that everybody can view

926

00:36:21,640 --> 00:36:19,220

them and we also do things like we have

927

00:36:25,059 --> 00:36:21,650

brunches and we have a book club I am

928

00:36:27,370 --> 00:36:25,069

yeah so we were trying to be to build a

929

00:36:29,559 --> 00:36:27,380

community with the people that we know

930

00:36:31,240 --> 00:36:29,569

and reach out to people we don't know so

931

00:36:33,400 --> 00:36:31,250

you mentioned hybrid because there was a

932

00:36:35,890 --> 00:36:33,410

talk today about sort of there was a

933

00:36:37,880 --> 00:36:35,900

panel about grassroots skepticism today

934

00:36:39,260 --> 00:36:37,890

we're talking about

935

00:36:41,150 --> 00:36:39,270

difference between that are really big

936

00:36:42,650 --> 00:36:41,160

groups and really little groups and what

937

00:36:44,660 --> 00:36:42,660

sort of differences there are between

938

00:36:47,330 --> 00:36:44,670

them and what changes you can sort of

939

00:36:49,340 --> 00:36:47,340

instigate as a incorporated which is a

940

00:36:51,200 --> 00:36:49,350

usually very organized structured green

941

00:36:53,570 --> 00:36:51,210

so you guys are kind of in the middle

942

00:36:55,430 --> 00:36:53,580

there somewhere right we've talked about

943

00:36:57,500 --> 00:36:55,440

incorporating them we don't feel like

944

00:36:58,970 --> 00:36:57,510

we're at that point you know and we ever

945

00:37:00,650 --> 00:36:58,980

like they're talking you know there are

946

00:37:03,950 --> 00:37:00,660

legal issues you have to consider and

947

00:37:06,440 --> 00:37:03,960

we're really not out and active as that

948

00:37:09,050 --> 00:37:06,450

much in the community whereas if we

949

00:37:12,020 --> 00:37:09,060

become more so probably want to consider

950

00:37:14,300 --> 00:37:12,030

that for you know legal reasons but it's

951

00:37:16,760 --> 00:37:14,310

more of a skeptics kick group rather

952

00:37:18,620 --> 00:37:16,770

than a outreaching to everybody group at

953

00:37:20,810 --> 00:37:18,630

the moment is at a moment it ain't nice

954

00:37:22,610 --> 00:37:20,820

if we could your but we're not at that

955

00:37:25,400 --> 00:37:22,620

point yet but it is something that's

956

00:37:26,420 --> 00:37:25,410

kind of a nerd in our sights yes and you

957

00:37:28,070 --> 00:37:26,430

mentioned a little bit about the

958

00:37:30,980 --> 00:37:28,080

speakers I think last night he had Jon

959

00:37:33,500 --> 00:37:30,990

Ronson didn't ye yes sir john rotten oh

960

00:37:35,900 --> 00:37:33,510

we had just heard simon perry and john

961

00:37:37,340 --> 00:37:35,910

rosen is of course the author of the men

962

00:37:39,410 --> 00:37:37,350

who stare at goats yes has just been

963

00:37:42,920 --> 00:37:39,420

made into a movie with george clooney

964

00:37:44,240 --> 00:37:42,930

and un- ago right we were able to put

965

00:37:45,560 --> 00:37:44,250

that talk up online because that would

966

00:37:48,650 --> 00:37:45,570

be great I say it's up and it's

967

00:37:50,960 --> 00:37:48,660

hilarious engine um we had it wasn't a

968

00:37:52,810 --> 00:37:50,970

great night for it um as far as you know

969

00:37:56,930 --> 00:37:52,820

it's kind of dim but yes it's online

970

00:37:59,120 --> 00:37:56,940

John is absolutely hilarious yeah and um

971

00:38:02,000 --> 00:37:59,130

he's someone who goes out and really

972

00:38:04,310 --> 00:38:02,010

lives life and nearly gets killed a lot

973

00:38:06,380 --> 00:38:04,320

so really yes what what did he talk

974

00:38:08,240 --> 00:38:06,390

about and that talk um he talked about

975

00:38:10,940 --> 00:38:08,250

you know like stuff in the movie where

976

00:38:13,850 --> 00:38:10,950

he went to the Middle East and he was

977

00:38:17,990 --> 00:38:13,860

following you to this guy around you

978

00:38:19,430 --> 00:38:18,000

know it's kind of a nutjob yeah on this

979

00:38:21,080 --> 00:38:19,440

thing in a wild-goose chase did you use

980

00:38:23,990 --> 00:38:21,090

chase and other things that he's done

981

00:38:26,810 --> 00:38:24,000

weren't you know he's been in situations

982

00:38:30,440 --> 00:38:26,820

where we're dangerous because he also

983

00:38:33,560 --> 00:38:30,450

infiltrated a Muslim yes cells also got

984

00:38:35,180 --> 00:38:33,570

as well yeah and he's he it's weird to

985

00:38:37,520 --> 00:38:35,190

hear him talk about I'm so these people

986

00:38:39,530 --> 00:38:37,530

he knows them you know and they and

987

00:38:43,040 --> 00:38:39,540

their Long John my friend you know they

988

00:38:45,890 --> 00:38:43,050

yeah it's really he's lived quite a life

989

00:38:46,560 --> 00:38:45,900

yeah cuz he's a journalist by trade his

990

00:38:49,710 --> 00:38:46,570

name correct

991

00:38:52,100 --> 00:38:49,720

yeah yeah I mean that I guess that leads

992

00:38:55,670 --> 00:38:52,110

him into that yeah he's also a bit woozy

993

00:38:58,920 --> 00:38:55,680

yeah but in a good way in a good way

994

00:39:01,140 --> 00:38:58,930

under phul and it was great having him

995

00:39:03,060 --> 00:39:01,150

so how many people would be involved in

996

00:39:05,550 --> 00:39:03,070

Boston skip days because you mentioned

997

00:39:08,700 --> 00:39:05,560

Rebecca that's rebecca watson she lives

998

00:39:10,800 --> 00:39:08,710

in london now right so um Liz Gaston

999

00:39:13,140 --> 00:39:10,810

she's taking over the duties of like you

1000

00:39:14,550 --> 00:39:13,150

know I'm seeing and things like that and

1001  
00:39:17,280 --> 00:39:14,560  
hosting the branches and things like

1002  
00:39:20,070 --> 00:39:17,290  
that then there's myself Josh Nicholson

1003  
00:39:22,530 --> 00:39:20,080  
and Jared Giuliano and then there's Mary

1004  
00:39:24,960 --> 00:39:22,540  
who does our book club and and then we

1005  
00:39:27,240 --> 00:39:24,970  
have people who pitch in as well so

1006  
00:39:29,190 --> 00:39:27,250  
being that it's mostly scenario skeptics

1007  
00:39:32,310 --> 00:39:29,200  
and pub you know the number of people

1008  
00:39:34,380 --> 00:39:32,320  
that are interesting swells and changes

1009  
00:39:36,960 --> 00:39:34,390  
we might have 30 people in a night or we

1010  
00:39:38,280 --> 00:39:36,970  
might have 110 people in that soon so

1011  
00:39:41,550 --> 00:39:38,290  
tell us about your book club what does

1012  
00:39:45,510 --> 00:39:41,560  
that involve each month Leah they pick a

1013  
00:39:47,880 --> 00:39:45,520

book to read and they meet up and for

1014

00:39:49,470 --> 00:39:47,890

breakfast or brunch or whatever and lots

1015

00:39:52,830 --> 00:39:49,480

of times it's it's something that's

1016

00:39:55,320 --> 00:39:52,840

either topical or whatever whatever pops

1017

00:39:56,820 --> 00:39:55,330

up in people's did you guys do the men

1018

00:39:58,530 --> 00:39:56,830

who stare at goats does that mean in the

1019

00:40:00,120 --> 00:39:58,540

book club no but that would be good i'm

1020

00:40:01,470 --> 00:40:00,130

sure that's a good idea yeah cuz i've

1021

00:40:03,510 --> 00:40:01,480

actually read the book and I've seen the

1022

00:40:04,950 --> 00:40:03,520

film and know the very different yeah

1023

00:40:06,780 --> 00:40:04,960

yeah he's right have you read the book

1024

00:40:08,910 --> 00:40:06,790

no yeah they're quite if I talked to

1025

00:40:10,620 --> 00:40:08,920

John a bit about that and talked to him

1026

00:40:12,270 --> 00:40:10,630

a bit about it and he's happy with it

1027

00:40:14,220 --> 00:40:12,280

you know it's different it's not you

1028

00:40:17,190 --> 00:40:14,230

know his book but he's yeah he says I

1029

00:40:20,550 --> 00:40:17,200

like it how can you not I mean you know

1030

00:40:22,910 --> 00:40:20,560

I I guess he is being played by you and

1031

00:40:25,800 --> 00:40:22,920

McGregor so how could you complain about

1032

00:40:28,110 --> 00:40:25,810

did he mention that at all yes she did

1033

00:40:33,660 --> 00:40:28,120

allude to the his handsome portrayal and

1034

00:40:35,490 --> 00:40:33,670

screen yeah yeah cuz one of the some of

1035

00:40:38,070 --> 00:40:35,500

the criticisms that sums up some

1036

00:40:39,900 --> 00:40:38,080

skeptical groups get with like skeptics

1037

00:40:43,290 --> 00:40:39,910

in the pub and stuff is well that's not

1038

00:40:45,030 --> 00:40:43,300

inclusive of some people who can't come

1039

00:40:46,620 --> 00:40:45,040

out of late because I've got young

1040

00:40:47,820 --> 00:40:46,630

children or they don't want to go to a

1041

00:40:50,760 --> 00:40:47,830

pub because that's not really their

1042

00:40:52,470 --> 00:40:50,770

scene so yeah that's really tough and

1043

00:40:54,720 --> 00:40:52,480

we've tried to address and I should

1044

00:40:56,220 --> 00:40:54,730

mention one more thing we do is we tend

1045

00:40:56,970 --> 00:40:56,230

to call it whatever based around

1046

00:40:59,609 --> 00:40:56,980

whatever we're doing

1047

00:41:03,090 --> 00:40:59,619

like like we might get to apartment of

1048

00:41:05,430 --> 00:41:03,100

skeptics in the park or we might take a

1049

00:41:07,800 --> 00:41:05,440

trip to the Museum of Natural History so

1050

00:41:09,390 --> 00:41:07,810

that we can bring families out so you

1051  
00:41:11,940 --> 00:41:09,400  
know some people can come to brunch who

1052  
00:41:14,310 --> 00:41:11,950  
aren't interested in the pub or you know

1053  
00:41:15,750 --> 00:41:14,320  
who are into that book club or then and

1054  
00:41:17,760 --> 00:41:15,760  
families can come to the union of the

1055  
00:41:19,800 --> 00:41:17,770  
outdoor vids bring their kids and it

1056  
00:41:21,330 --> 00:41:19,810  
leads as a schoolteacher so she's happy

1057  
00:41:23,730 --> 00:41:21,340  
to like you know what parents wander a

1058  
00:41:26,609 --> 00:41:23,740  
bit and so it's really tough that but

1059  
00:41:29,160 --> 00:41:26,619  
because that sort of community thing is

1060  
00:41:32,099 --> 00:41:29,170  
really hard to find in the skeptical

1061  
00:41:33,960 --> 00:41:32,109  
community because you're not everyone is

1062  
00:41:37,830 --> 00:41:33,970  
an atheist as we talked about but la

1063  
00:41:40,440 --> 00:41:37,840

people are or aren't comfortable with

1064

00:41:43,140 --> 00:41:40,450

some of the institutions you know so

1065

00:41:45,450 --> 00:41:43,150

that they need community they need you

1066

00:41:47,160 --> 00:41:45,460

know people to hang around with and be a

1067

00:41:50,010 --> 00:41:47,170

part of something with it's just human

1068

00:41:51,359 --> 00:41:50,020

nature so we try to get in but you can't

1069

00:41:54,150 --> 00:41:51,369

please everyone but it seems like you

1070

00:41:55,770 --> 00:41:54,160

guys have got a fairly broad range of

1071

00:41:57,060 --> 00:41:55,780

things for people to do so that they can

1072

00:41:59,250 --> 00:41:57,070

go to the pub they can go to the part

1073

00:42:01,230 --> 00:41:59,260

they can go join the book club there was

1074

00:42:03,650 --> 00:42:01,240

one thing I could boil it all down to

1075

00:42:06,180 --> 00:42:03,660

once you've got an organization is

1076

00:42:08,490 --> 00:42:06,190

listen to your members just first and

1077

00:42:10,050 --> 00:42:08,500

what they want to do that's the best way

1078

00:42:11,609 --> 00:42:10,060

you know don't figure out you've got all

1079

00:42:13,349 --> 00:42:11,619

the ideas of what they need to do just

1080

00:42:15,210 --> 00:42:13,359

just ask them in though they'll come up

1081

00:42:17,790 --> 00:42:15,220

with things like you know let's go to

1082

00:42:20,190 --> 00:42:17,800

the museum we have this particular

1083

00:42:22,020 --> 00:42:20,200

speaker coming and what's getting a

1084

00:42:24,390 --> 00:42:22,030

theatre and do it there instead of going

1085

00:42:25,980 --> 00:42:24,400

to the pub which we've done that as well

1086

00:42:27,720 --> 00:42:25,990

because one of the things that came up

1087

00:42:30,720 --> 00:42:27,730

today during the Q&A about grassroots

1088

00:42:31,920 --> 00:42:30,730

skepticism was some people want to be

1089

00:42:34,770 --> 00:42:31,930

involved but they don't have a lot of

1090

00:42:36,510 --> 00:42:34,780

time I have to say that even being in

1091

00:42:38,460 --> 00:42:36,520

lemon Rebecca still puts in a lot of

1092

00:42:40,200 --> 00:42:38,470

work getting especially the speakers

1093

00:42:42,960 --> 00:42:40,210

that's the hardest thing but it can be

1094

00:42:45,900 --> 00:42:42,970

time consuming I do all baby stuff and I

1095

00:42:47,640 --> 00:42:45,910

at shoot and edit the videos and but

1096

00:42:50,550 --> 00:42:47,650

that is white things I mean you know

1097

00:42:52,500 --> 00:42:50,560

yeah oh yeah and and like someone was

1098

00:42:54,060 --> 00:42:52,510

saying today you know it doesn't have to

1099

00:42:55,980 --> 00:42:54,070

take a lot of time if you don't have the

1100

00:42:58,320 --> 00:42:55,990

time yes and that's another thing yeah

1101  
00:42:59,940 --> 00:42:58,330  
if you have the time don't you know

1102  
00:43:02,580 --> 00:42:59,950  
don't feel guilty that you don't

1103  
00:43:04,170 --> 00:43:02,590  
anticipate where you can if you're just

1104  
00:43:06,090 --> 00:43:04,180  
someone who comes to the things that's

1105  
00:43:07,099 --> 00:43:06,100  
fine if you're someone who comes and

1106  
00:43:09,140 --> 00:43:07,109  
tosses out an idea

1107  
00:43:11,450 --> 00:43:09,150  
yeah or some other cons and participates

1108  
00:43:12,829 --> 00:43:11,460  
on the website or hey I've got to

1109  
00:43:16,009 --> 00:43:12,839  
suggest with him speaker every little

1110  
00:43:18,019 --> 00:43:16,019  
bit counts and as a collective of people

1111  
00:43:21,259 --> 00:43:18,029  
in every little bit builds some greater

1112  
00:43:23,839 --> 00:43:21,269  
large thing and the people who do you

1113  
00:43:25,700 --> 00:43:23,849

have time and resources though you know

1114

00:43:27,680 --> 00:43:25,710

they'll stepped up and commits you know

1115

00:43:29,870 --> 00:43:27,690

we have people now that that I know we

1116

00:43:31,279 --> 00:43:29,880

can ask at a moment's notice to do

1117

00:43:33,289 --> 00:43:31,289

things and they would do it do what you

1118

00:43:36,019 --> 00:43:33,299

can don't feel guilty about not doing

1119

00:43:38,120 --> 00:43:36,029

more do what you can so I think right

1120

00:43:41,539 --> 00:43:38,130

now the biggest thing is we're looking

1121

00:43:43,430 --> 00:43:41,549

more towards bloggy more I do you have a

1122

00:43:45,920 --> 00:43:43,440

blog just guess we do in Boston skeptics

1123

00:43:48,140 --> 00:43:45,930

calm right and you can also get to our

1124

00:43:49,970 --> 00:43:48,150

videos from their phenomena which

1125

00:43:52,789 --> 00:43:49,980

they're all the ones that we can or

1126

00:43:54,499 --> 00:43:52,799

online what would you do would you have

1127

00:43:56,390 --> 00:43:54,509

any advice for anyone who might want to

1128

00:43:58,370 --> 00:43:56,400

set up a a skeptics in the pub or

1129

00:43:59,630 --> 00:43:58,380

skeptics in the park if they live in a

1130

00:44:02,710 --> 00:43:59,640

town where there isn't anything like

1131

00:44:06,140 --> 00:44:02,720

that yes um if you go to grassroots

1132

00:44:08,690 --> 00:44:06,150

skeptics org run by KO Myers great site

1133

00:44:11,059 --> 00:44:08,700

he tries to aggregate a lot of that

1134

00:44:12,950 --> 00:44:11,069

information mom and you can also check

1135

00:44:15,319 --> 00:44:12,960

out our site Boston skeptics back home

1136

00:44:18,559 --> 00:44:15,329

and it may not have that particular

1137

00:44:20,870 --> 00:44:18,569

information but you were happy to hear

1138

00:44:23,120 --> 00:44:20,880

from me contact us you have a question

1139

00:44:24,920 --> 00:44:23,130

on how to do something or you know

1140

00:44:28,160 --> 00:44:24,930

things like that we're happy to talk

1141

00:44:30,019 --> 00:44:28,170

about grassroots skeptics that org is a

1142

00:44:31,039 --> 00:44:30,029

really good place to start them all

1143

00:44:33,079 --> 00:44:31,049

right well thanks very much for joining

1144

00:44:46,579 --> 00:44:33,089

us Maggie on the skeptic side and enjoy

1145

00:44:51,680 --> 00:44:49,400

on Sunday October third at nine-thirty

1146

00:44:53,630 --> 00:44:51,690

am joined the Granite State skeptics on

1147

00:44:56,150 --> 00:44:53,640

a walking tour of historic Salem

1148

00:44:58,339 --> 00:44:56,160

Massachusetts learn the history and view

1149

00:45:00,380 --> 00:44:58,349

the sights of this historic town made

1150

00:45:03,529 --> 00:45:00,390

famous by arthur miller's the crucible

1151

00:45:05,089 --> 00:45:03,539

and the Salem witch trials we will be

1152

00:45:06,979 --> 00:45:05,099

meeting at the salem visitor center

1153

00:45:09,650 --> 00:45:06,989

where we will begin our tour and enjoy

1154

00:45:11,959 --> 00:45:09,660

such sights as a salem witch museum the

1155

00:45:14,599 --> 00:45:11,969

House of the Seven Gables and the Salem

1156

00:45:16,579 --> 00:45:14,609

pirate museum while the cost of the tour

1157

00:45:19,249 --> 00:45:16,589

is free some of the sites we will be

1158

00:45:21,170 --> 00:45:19,259

stopping at do charge a fee for more

1159

00:45:39,520 --> 00:45:21,180

information in full details check

1160

00:45:45,500 --> 00:45:42,110

thank you for listening to the skeptic

1161

00:45:47,330 --> 00:45:45,510

zone next week it's a surprise for

1162

00:45:49,580 --> 00:45:47,340

everybody there will be a think tank oh

1163

00:45:52,190 --> 00:45:49,590

I know I know next week we'll have a

1164

00:45:54,860 --> 00:45:52,200

report about the very first night in the

1165

00:45:56,900 --> 00:45:54,870

new pub in Sydney for the new skeptics

1166

00:45:59,300 --> 00:45:56,910

in the pub now that's happening on the

1167

00:46:01,010 --> 00:45:59,310

7th of October Thursday the seventh

1168

00:46:03,230 --> 00:46:01,020

October here in Sydney the new pub is

1169

00:46:07,070 --> 00:46:03,240

called the city hotel it's on the corner

1170

00:46:10,370 --> 00:46:07,080

of Kent and king streets downtown Sydney

1171

00:46:13,520 --> 00:46:10,380

kicking off at six o'clock and our

1172

00:46:15,500 --> 00:46:13,530

special guest doing a wonderful

1173

00:46:18,260 --> 00:46:15,510

presentation for us is none other than

1174

00:46:22,130 --> 00:46:18,270

main art of course looking forward to

1175

00:46:24,320 --> 00:46:22,140

that so hope to see you there and I hope

1176

00:46:26,210 --> 00:46:24,330

to see some of you soon I guess anyway

1177

00:46:28,670 --> 00:46:26,220

at tam australia very exciting very

1178

00:46:30,710 --> 00:46:28,680

exciting until then this is Richard

1179

00:46:35,810 --> 00:46:30,720

Saunders signing off from Sydney

1180

00:46:40,130 --> 00:46:35,820

Australia you've been listening to the

1181

00:46:43,340 --> 00:46:40,140

skeptic zone visit our website at WWF

1182

00:46:46,599 --> 00:46:43,350

digs on TV the comments contacts an

1183

00:46:56,750 --> 00:46:46,609

extra video reports