

**The Skeptic Zone**  
**Show 310 - 28 Sept 2014**



**Signe Cane**

1  
00:00:22,740 --> 00:00:09,100  
welcome to the skeptic zone the podcast

2  
00:00:28,720 --> 00:00:25,570  
hello and welcome to the skeptics are an

3  
00:00:31,180 --> 00:00:28,730  
episode number 310 for the 28th of

4  
00:00:33,990 --> 00:00:31,190  
September 2014 Richard Saunders here

5  
00:00:36,640 --> 00:00:34,000  
with you from Sydney Australia 10 nice

6  
00:00:40,450 --> 00:00:36,650  
spring type day it was in Sydney

7  
00:00:43,750 --> 00:00:40,460  
Australia today just lovely not hot sun

8  
00:00:46,030 --> 00:00:43,760  
shining what a lovely date was here in

9  
00:00:48,580 --> 00:00:46,040  
Sydney Australia a nice place to be at

10  
00:00:50,979 --> 00:00:48,590  
the moment and this week's episode of

11  
00:00:53,020 --> 00:00:50,989  
the skeptic zone is a bumper issue in

12  
00:00:54,939 --> 00:00:53,030  
fact it's even gone over time a little

13  
00:00:57,250 --> 00:00:54,949

bit to make up for the last few episodes

14

00:00:59,200 --> 00:00:57,260

which have gone a little bit under time

15

00:01:00,759 --> 00:00:59,210

or something like that or if it's just

16

00:01:02,350 --> 00:01:00,769

the way these things happen we've got

17

00:01:04,060 --> 00:01:02,360

lots of things coming up this week

18

00:01:05,920 --> 00:01:04,070

kicking off with an interview with an

19

00:01:09,430 --> 00:01:05,930

old friend of mine Michael Marshall from

20

00:01:10,990 --> 00:01:09,440

Liverpool Michael Marshall what's so

21

00:01:12,490 --> 00:01:11,000

exciting that there Michael is going to

22

00:01:14,350 --> 00:01:12,500

be joining us here in Sydney Australia

23

00:01:17,800 --> 00:01:14,360

for this train skeptics national

24

00:01:20,170 --> 00:01:17,810

convention in November be great to catch

25

00:01:22,180 --> 00:01:20,180

up with Michael Marshall and show him

26

00:01:24,310 --> 00:01:22,190

Sydney Town but i'm going to be chatting

27

00:01:27,520 --> 00:01:24,320

to him about some of the activities he's

28

00:01:29,499 --> 00:01:27,530

been up to recently and the podcasts

29

00:01:32,139 --> 00:01:29,509

he's involved with and some of the

30

00:01:33,609 --> 00:01:32,149

investigations to a chat with Michael

31

00:01:36,160 --> 00:01:33,619

Marshall coming up to kick off the

32

00:01:39,060 --> 00:01:36,170

skeptic zone and following that it's

33

00:01:42,849 --> 00:01:39,070

another guest editorial by Cigna Kane

34

00:01:45,370 --> 00:01:42,859

now about a week ago a posting was

35

00:01:48,730 --> 00:01:45,380

brought to my attention are from

36

00:01:51,599 --> 00:01:48,740

homeopathy plus what a fun group they

37

00:01:55,929 --> 00:01:51,609

are homeopathy plus in their newsletter

38

00:01:59,649 --> 00:01:55,939

linked to a petition to the World Health

39

00:02:00,880 --> 00:01:59,659

Organization too well fill in the dots I

40

00:02:03,459 --> 00:02:00,890

think you can guess what I'm going to

41

00:02:08,980 --> 00:02:03,469

say to get homeopathy after those people

42

00:02:12,400 --> 00:02:08,990

suffering from the Ebola virus I kid you

43

00:02:15,610 --> 00:02:12,410

not yes there are some people out there

44

00:02:20,140 --> 00:02:15,620

who think that magic sugar water can

45

00:02:21,550 --> 00:02:20,150

help fight Ebola we live in that sort of

46

00:02:24,880 --> 00:02:21,560

world folks and that's why there are

47

00:02:29,920 --> 00:02:24,890

skeptical groups out there to fight this

48

00:02:32,670 --> 00:02:29,930

sort of outrageous nonsense even Fred

49

00:02:34,630 --> 00:02:32,680

the cat asleep on the couch beside me

50

00:02:36,760 --> 00:02:34,640

can't believe it

51  
00:02:39,400 --> 00:02:36,770  
guest editorial by Sigma Kane and

52  
00:02:43,510 --> 00:02:39,410  
dressing this issue and cigna has a

53  
00:02:45,880 --> 00:02:43,520  
daily science blog which I'll certainly

54  
00:02:51,100 --> 00:02:45,890  
link to in the show notes this week why

55  
00:02:57,070 --> 00:02:51,110  
don't you visit WWE kane com that's SI g

56  
00:02:59,199 --> 00:02:57,080  
in e SI aan e sigma can calm where you

57  
00:03:01,840 --> 00:02:59,209  
can find out more cigna kane freelance

58  
00:03:04,420 --> 00:03:01,850  
science writer and journalist and she's

59  
00:03:06,880 --> 00:03:04,430  
on the committee for Australian skeptics

60  
00:03:08,440 --> 00:03:06,890  
to following the editorial from cigna

61  
00:03:10,270 --> 00:03:08,450  
Kane it's a week in science from our

62  
00:03:12,820 --> 00:03:10,280  
good friends at the Royal Institution of

63  
00:03:15,370 --> 00:03:12,830

Australia will I ever get to visit there

64

00:03:17,259 --> 00:03:15,380

will I ever get to visit of course I

65

00:03:19,210 --> 00:03:17,269

will just a matter of sort of lighting

66

00:03:21,880 --> 00:03:19,220

these things up Adelaide is such a

67

00:03:23,620 --> 00:03:21,890

beautiful city folks Wow and then after

68

00:03:25,600 --> 00:03:23,630

that it's a very interesting interview

69

00:03:28,360 --> 00:03:25,610

with her and I'll friend of mine susan

70

00:03:30,729 --> 00:03:28,370

ger Beck now Susan and her friends in

71

00:03:32,920 --> 00:03:30,739

California and around the world cooked

72

00:03:34,750 --> 00:03:32,930

up a plan they went to see a psychic in

73

00:03:37,300 --> 00:03:34,760

California by the name of chip coffey

74

00:03:39,160 --> 00:03:37,310

who is not really known in Australia but

75

00:03:43,630 --> 00:03:39,170

I think he's quite well known in the

76

00:03:47,020 --> 00:03:43,640

United States and well i won't give too

77

00:03:50,170 --> 00:03:47,030

much away but there needless to say they

78

00:03:52,780 --> 00:03:50,180

were very skeptical about this guy find

79

00:03:54,580 --> 00:03:52,790

out about their investigations coming up

80

00:03:57,220 --> 00:03:54,590

later in the show with an interview of

81

00:04:00,699 --> 00:03:57,230

Susan Kovac then the round off the show

82

00:04:03,430 --> 00:04:00,709

it's Maynard spooky action very spooky

83

00:04:08,560 --> 00:04:03,440

action this week may not gave me a bath

84

00:04:11,110 --> 00:04:08,570

skype call and well it's almost

85

00:04:14,800 --> 00:04:11,120

indescribable he sort of had this really

86

00:04:20,170 --> 00:04:14,810

interesting ideas about cosmos the TV

87

00:04:22,900 --> 00:04:20,180

show and ancient aliens the TV show yeah

88

00:04:25,120 --> 00:04:22,910

this is sort of logic only Maynard can

89

00:04:27,850 --> 00:04:25,130

come up with but I think you might enjoy

90

00:04:30,940 --> 00:04:27,860

the final segment of today's show may

91

00:04:33,040 --> 00:04:30,950

not spooky action very spooky indeed now

92

00:04:34,810 --> 00:04:33,050

those people in Sydney you can have an

93

00:04:37,510 --> 00:04:34,820

interesting experience you can meet me

94

00:04:40,870 --> 00:04:37,520

at the Australian paranormal and

95

00:04:45,210 --> 00:04:40,880

spiritual expo ooh on the fourth of

96

00:04:47,640 --> 00:04:45,220

October that the coming saturday at the

97

00:04:49,680 --> 00:04:47,650

casula powerhouse arts

98

00:04:54,350 --> 00:04:49,690

and the easiest way to find out about

99

00:04:58,890 --> 00:04:54,360

this Expo would be to go to ww

100

00:05:01,860 --> 00:04:58,900

Australian paranormal and spiritual expo

101  
00:05:03,300 --> 00:05:01,870  
com delay you now i'll be giving a talk

102  
00:05:04,469 --> 00:05:03,310  
of course which should be very

103  
00:05:07,020 --> 00:05:04,479  
interesting giving a talk at a

104  
00:05:09,810 --> 00:05:07,030  
paranormal Expo I wonder what I'm going

105  
00:05:11,700 --> 00:05:09,820  
to say and also the Australian skeptics

106  
00:05:14,939 --> 00:05:11,710  
will have a table there with information

107  
00:05:17,249 --> 00:05:14,949  
and our magazine come up and chat to us

108  
00:05:19,800 --> 00:05:17,259  
and say hello I might need all the

109  
00:05:23,969 --> 00:05:19,810  
support I can get a bit more about this

110  
00:05:25,860 --> 00:05:23,979  
Expo later on in the skeptic zone but

111  
00:05:26,840 --> 00:05:25,870  
it's such a such a packed episode this

112  
00:05:30,810 --> 00:05:26,850  
week I better run downstairs

113  
00:05:32,040 --> 00:05:30,820

straightaway get some popcorn yes it's

114

00:05:33,779 --> 00:05:32,050

that sort of show folks I'm going to

115

00:05:35,969 --> 00:05:33,789

need a bag of popcorn to get through

116

00:05:58,499 --> 00:05:35,979

this well I'm munching on my popcorn I

117

00:06:03,850 --> 00:06:01,329

and joining me on the line now all the

118

00:06:07,329 --> 00:06:03,860

way from Liverpool a Liverpool is a

119

00:06:09,850 --> 00:06:07,339

place I visited up sort of be near it i

120

00:06:12,219 --> 00:06:09,860

went from England to Scotland once on a

121

00:06:13,689 --> 00:06:12,229

bus and we sort of travel past Liverpool

122

00:06:15,969 --> 00:06:13,699

but I've never been believable I'd like

123

00:06:18,819 --> 00:06:15,979

to go to Liverpool it's none other than

124

00:06:19,929 --> 00:06:18,829

Michael Marshall hello Michael hello

125

00:06:21,309 --> 00:06:19,939

Richard I can't believe you've never

126

00:06:22,989 --> 00:06:21,319

been to Liverpool that's a massive

127

00:06:25,299 --> 00:06:22,999

disappointment even to Manchester plenty

128

00:06:27,850 --> 00:06:25,309

of times but never Liverpool know it

129

00:06:30,429 --> 00:06:27,860

it's a disgrace because as a lot of

130

00:06:33,279 --> 00:06:30,439

people know I've you know I'm a big

131

00:06:35,079 --> 00:06:33,289

Beatles fan and I daresay if I went

132

00:06:36,969 --> 00:06:35,089

there i'd spend or you know my whole

133

00:06:40,689 --> 00:06:36,979

time just going from one famous beetle

134

00:06:42,969 --> 00:06:40,699

location to them to the next but put the

135

00:06:45,309 --> 00:06:42,979

Beatles aside for a moment you've been

136

00:06:47,739 --> 00:06:45,319

very busy Michael Marshall since we've

137

00:06:49,629 --> 00:06:47,749

last spoken to you what have you been up

138

00:06:52,659 --> 00:06:49,639

to I understand that you've been out

139

00:06:55,179 --> 00:06:52,669

there in the public yeah absolutely no

140

00:06:57,339 --> 00:06:55,189

it's been a busy six months or so I've

141

00:06:58,779 --> 00:06:57,349

been working for a charity called a good

142

00:07:00,819 --> 00:06:58,789

thinking society which is set up by

143

00:07:02,409 --> 00:07:00,829

Simon seeing if I'm sure your listeners

144

00:07:04,299 --> 00:07:02,419

are incredibly familiar with that

145

00:07:06,669 --> 00:07:04,309

everyone knows Simon he's a fantastic

146

00:07:08,199 --> 00:07:06,679

fantastic skeptic and I've been working

147

00:07:10,029 --> 00:07:08,209

with him for the last six months and as

148

00:07:12,579 --> 00:07:10,039

part of that I've been giving kind of

149

00:07:14,829 --> 00:07:12,589

lectures all over the UK and just

150

00:07:16,629 --> 00:07:14,839

talking about kind of what I see is the

151

00:07:18,759 --> 00:07:16,639

approach to skeptical activism and

152

00:07:20,529 --> 00:07:18,769

really taking people through the

153

00:07:22,329 --> 00:07:20,539

different things that I've done in my

154

00:07:24,129 --> 00:07:22,339

work with the Merseyside skeptic society

155

00:07:26,589 --> 00:07:24,139

my work with good thinking and some were

156

00:07:28,059 --> 00:07:26,599

kind of individually because I always

157

00:07:30,429 --> 00:07:28,069

have this I've kind of developed this

158

00:07:31,659 --> 00:07:30,439

mentality and I'm sure you you share it

159

00:07:33,999 --> 00:07:31,669

from what I know that the work that you

160

00:07:35,769 --> 00:07:34,009

do that it's very easy as skeptics to

161

00:07:38,319 --> 00:07:35,779

start seeing pseudoscience like it

162

00:07:40,059 --> 00:07:38,329

exists in a glass box in a museum that

163

00:07:41,889 --> 00:07:40,069

you can look at and you can critique it

164

00:07:43,600 --> 00:07:41,899

but you don't get to touch it and you

165

00:07:45,309 --> 00:07:43,610

can't play with it its hands off and I'm

166

00:07:46,600 --> 00:07:45,319

very much of the opposite mindset to

167

00:07:48,819 --> 00:07:46,610

that I think you get out there and you

168

00:07:50,889 --> 00:07:48,829

play with it you lift the lid and get

169

00:07:52,749 --> 00:07:50,899

your hands dirty and I think that way

170

00:07:54,609 --> 00:07:52,759

you have so many more interesting

171

00:07:57,459 --> 00:07:54,619

stories and experiences but you also get

172

00:07:58,959 --> 00:07:57,469

to see kind of firsthand what it is that

173

00:08:00,399 --> 00:07:58,969

make people believe that you know

174

00:08:01,869 --> 00:08:00,409

psychics talking to the dead or this

175

00:08:04,239 --> 00:08:01,879

particular alternative medicine works

176

00:08:06,069 --> 00:08:04,249

you get to see what convincing to people

177

00:08:07,659 --> 00:08:06,079

and maybe that just makes you a bit more

178

00:08:09,069 --> 00:08:07,669

armed a bit more prepared and a bit more

179

00:08:10,330 --> 00:08:09,079

effective when it comes to campaigning

180

00:08:11,830 --> 00:08:10,340

against it so up in

181

00:08:13,150 --> 00:08:11,840

really taking people through some of the

182

00:08:15,490 --> 00:08:13,160

weird things that have happened to me in

183

00:08:18,220 --> 00:08:15,500

the last five or so years of kind of

184

00:08:20,980 --> 00:08:18,230

quiet skeptical activism really as a

185

00:08:24,040 --> 00:08:20,990

question people ask me quite often

186

00:08:25,480 --> 00:08:24,050

reporters and then and what have you now

187

00:08:27,790 --> 00:08:25,490

look at me and say now what's the

188

00:08:30,040 --> 00:08:27,800

strangest thing you've ever come across

189

00:08:31,780 --> 00:08:30,050

in your skeptical investigations and I

190

00:08:33,279 --> 00:08:31,790

often have to disappoint them with the

191

00:08:35,800 --> 00:08:33,289

answer because they're expecting me to

192

00:08:37,480 --> 00:08:35,810

say well I once investigated a ghost

193

00:08:39,250 --> 00:08:37,490

that we were really unsure and it was

194

00:08:40,959 --> 00:08:39,260

pretty scary but of course we can't say

195

00:08:43,180 --> 00:08:40,969

well we don't say anything like that

196

00:08:45,610 --> 00:08:43,190

because nothing really happens like that

197

00:08:48,430 --> 00:08:45,620

but so I'll flip the question on to you

198

00:08:49,750 --> 00:08:48,440

I won't say what's the most you know the

199

00:08:51,700 --> 00:08:49,760

new weirdest thing but what's the most

200

00:08:54,220 --> 00:08:51,710

interesting thing you've come across oh

201  
00:08:55,630 --> 00:08:54,230  
you know that's that along this I'd even

202  
00:08:57,040 --> 00:08:55,640  
say I've seen it seen a lot of strange

203  
00:08:59,730 --> 00:08:57,050  
things but they're strange for a very

204  
00:09:01,329 --> 00:08:59,740  
different reason for example I was in a

205  
00:09:02,680 --> 00:09:01,339  
mind-body-spirit festival my buddy

206  
00:09:04,540 --> 00:09:02,690  
wallet festival and oh you're very fond

207  
00:09:06,940 --> 00:09:04,550  
of corrigan and i met this this

208  
00:09:08,050 --> 00:09:06,950  
remarkable group of people called i

209  
00:09:10,690 --> 00:09:08,060  
think was called the book of knowledge

210  
00:09:14,680 --> 00:09:10,700  
or the knowledge book and what it was is

211  
00:09:16,780 --> 00:09:14,690  
this big really massive gold-leafed book

212  
00:09:17,890 --> 00:09:16,790  
but you by and all the information in

213  
00:09:19,269 --> 00:09:17,900

there if you read it through it doesn't

214

00:09:20,949 --> 00:09:19,279

seem to make a lot of sense to you but

215

00:09:22,390 --> 00:09:20,959

it wouldn't make sense to you because

216

00:09:24,850 --> 00:09:22,400

one it's written in English and it's

217

00:09:26,980 --> 00:09:24,860

it's kind of impenetrable language that

218

00:09:29,410 --> 00:09:26,990

some people might say is gobbling you

219

00:09:30,400 --> 00:09:29,420

just word salad but the reason it

220

00:09:32,050 --> 00:09:30,410

doesn't make any sense to us is because

221

00:09:33,670 --> 00:09:32,060

it's far too sophisticated for us to

222

00:09:36,100 --> 00:09:33,680

understand because this information

223

00:09:38,350 --> 00:09:36,110

wasn't written by a human being it was

224

00:09:41,019 --> 00:09:38,360

beamed into the brain of a 92 year old

225

00:09:44,380 --> 00:09:41,029

Turkish lady by aliens from the Alpha

226

00:09:48,220 --> 00:09:44,390

Channel and so I think I get that on my

227

00:09:50,140 --> 00:09:48,230

TV sometimes ok just it's just a couple

228

00:09:52,390 --> 00:09:50,150

up from for the world so this I think

229

00:09:54,370 --> 00:09:52,400

yeah but it's brilliant so these people

230

00:09:55,780 --> 00:09:54,380

I mean I it's hard to make teria to a

231

00:09:57,070 --> 00:09:55,790

judgment of how much of a cult bear were

232

00:09:59,230 --> 00:09:57,080

they certainly seem to have the

233

00:10:00,760 --> 00:09:59,240

trappings of a cult and what they were

234

00:10:02,590 --> 00:10:00,770

telling me was because this book is so

235

00:10:05,079 --> 00:10:02,600

complicated that we can't understand it

236

00:10:07,780 --> 00:10:05,089

the only way for us to kind of imbibe

237

00:10:09,579 --> 00:10:07,790

and imbue the knowledge from the book

238

00:10:11,320 --> 00:10:09,589

into ourselves and all the energies the

239

00:10:13,030 --> 00:10:11,330

Alpha energies the alpha particles that

240

00:10:14,560 --> 00:10:13,040

are emanating from this living book as

241

00:10:16,840 --> 00:10:14,570

they call it the only way to really get

242

00:10:20,620 --> 00:10:16,850

that on board is to copy every word of

243

00:10:22,240 --> 00:10:20,630

this in a 1200 page book out by hand and

244

00:10:23,920 --> 00:10:22,250

there's all sorts of weird rules like

245

00:10:25,690 --> 00:10:23,930

you have to use a black pen

246

00:10:26,680 --> 00:10:25,700

not blue couldn't use blue ink for some

247

00:10:29,440 --> 00:10:26,690

reason that would block the alpha

248

00:10:31,210 --> 00:10:29,450

channels one of the rules was you're not

249

00:10:32,590 --> 00:10:31,220

allowed to photocopy page the book could

250

00:10:35,560 --> 00:10:32,600

just stick them in your copy of the book

251

00:10:37,210 --> 00:10:35,570

it has to be written out by hand and

252

00:10:38,500 --> 00:10:37,220

apparently it's quite tricky to do that

253

00:10:40,810 --> 00:10:38,510

and this is someone said this to me with

254

00:10:44,199 --> 00:10:40,820

not just a straight face but with that

255

00:10:45,699 --> 00:10:44,209

fixed smile and that fixed I kind of

256

00:10:47,829 --> 00:10:45,709

glare that you get of someone who's in a

257

00:10:50,949 --> 00:10:47,839

cult they told me that the difficulty

258

00:10:52,570 --> 00:10:50,959

with this can be the book is alive if

259

00:10:54,730 --> 00:10:52,580

you look at it we know it's alive

260

00:10:56,470 --> 00:10:54,740

because the bin or a photograph taken of

261

00:10:58,510 --> 00:10:56,480

it and we can see that the book has an

262

00:11:00,519 --> 00:10:58,520

aura and the aura changes between day

263

00:11:02,889 --> 00:11:00,529

and night and that's because at night

264

00:11:04,990 --> 00:11:02,899

the book is downloading new information

265

00:11:07,389 --> 00:11:05,000

from the Alpha channel which means by

266

00:11:09,160 --> 00:11:07,399

the morning the page of the book contain

267

00:11:12,100 --> 00:11:09,170

different information in different words

268

00:11:14,500 --> 00:11:12,110

they did the day before and I said this

269

00:11:15,579 --> 00:11:14,510

must be very easy for you to check check

270

00:11:17,199 --> 00:11:15,589

against what you wrote down from

271

00:11:18,970 --> 00:11:17,209

yesterday you just like cross reference

272

00:11:20,620 --> 00:11:18,980

and he said well the thing is all the

273

00:11:23,440 --> 00:11:20,630

copies of the books change and your

274

00:11:25,810 --> 00:11:23,450

memories of the books change so it's all

275

00:11:27,130 --> 00:11:25,820

changed so it all now correlates again

276

00:11:28,540 --> 00:11:27,140

and so it's impossible tell that has

277

00:11:30,220 --> 00:11:28,550

changed but we know it has because the

278

00:11:32,110 --> 00:11:30,230

aura photography and the alpha channels

279

00:11:34,720 --> 00:11:32,120

and things and you'd yell at I mean

280

00:11:36,790 --> 00:11:34,730

honestly you know when I was it was

281

00:11:38,410 --> 00:11:36,800

wroth cooks I asked the lady who was

282

00:11:40,030 --> 00:11:38,420

talking to me I asked her she was tell

283

00:11:42,280 --> 00:11:40,040

me about the alpha alpha waves and how

284

00:11:44,290 --> 00:11:42,290

the only reason that human beings ever

285

00:11:46,360 --> 00:11:44,300

age and dies because we have a lack of

286

00:11:48,670 --> 00:11:46,370

alpha energy so if you read this book

287

00:11:49,810 --> 00:11:48,680

you get alpha energy on board and

288

00:11:51,790 --> 00:11:49,820

ultimately we're not meant to die so I

289

00:11:53,710 --> 00:11:51,800

said okay so if you if you do copy out

290

00:11:55,180 --> 00:11:53,720

this book and you take on board all this

291

00:11:57,040 --> 00:11:55,190

alpha energy does that mean you'll live

292

00:11:58,930 --> 00:11:57,050

longer and she said what we can't know

293

00:12:00,160 --> 00:11:58,940

that because we don't know how long you

294

00:12:02,079 --> 00:12:00,170

would have lived if you hadn't read the

295

00:12:04,090 --> 00:12:02,089

book and I thought well she's got me

296

00:12:05,829 --> 00:12:04,100

there I mean she's right she's she's

297

00:12:06,970 --> 00:12:05,839

proposing a double but she said we can't

298

00:12:08,980 --> 00:12:06,980

do a double blind study of this and

299

00:12:11,069 --> 00:12:08,990

she's kind of right this is a sort of

300

00:12:12,880 --> 00:12:11,079

stuff you can't make up but somebody did

301  
00:12:14,380 --> 00:12:12,890  
yeah well this is the thing and I

302  
00:12:15,819 --> 00:12:14,390  
absolutely love it this where I love

303  
00:12:17,890 --> 00:12:15,829  
about my body wallet festivals I met

304  
00:12:19,350 --> 00:12:17,900  
another guy there and again sometimes

305  
00:12:22,050 --> 00:12:19,360  
you'll find people who start off by

306  
00:12:24,490 --> 00:12:22,060  
advertising something that seems on the

307  
00:12:26,250 --> 00:12:24,500  
peripheries of nonsense but not really

308  
00:12:30,519 --> 00:12:26,260  
out there and there's a guy who is doing

309  
00:12:31,840 --> 00:12:30,529  
hypnotic gastric band so he's always LSU

310  
00:12:33,730 --> 00:12:31,850  
thick gastric bands he's no we don't fit

311  
00:12:35,440 --> 00:12:33,740  
them but we hypnotize you to think that

312  
00:12:37,120 --> 00:12:35,450  
you've got one and then your stomach

313  
00:12:37,840 --> 00:12:37,130

will react as if it's actually got a

314

00:12:39,490 --> 00:12:37,850

physical

315

00:12:41,590 --> 00:12:39,500

and restricting it from taking on board

316

00:12:43,569 --> 00:12:41,600

too much food and so you'll stop eating

317

00:12:44,710 --> 00:12:43,579

before you you get hungry before you are

318

00:12:46,240 --> 00:12:44,720

you otherwise would have done and you'll

319

00:12:47,620 --> 00:12:46,250

lose weight that way and he was a

320

00:12:48,999 --> 00:12:47,630

hypnotist and I just started talking

321

00:12:50,499 --> 00:12:49,009

about other things that he was doing yet

322

00:12:52,990 --> 00:12:50,509

a little sign up there about past-life

323

00:12:54,340 --> 00:12:53,000

regression so he do past lives he see ya

324

00:12:56,680 --> 00:12:54,350

I've taking people through all sorts of

325

00:12:58,269 --> 00:12:56,690

past lives and I was about to walk away

326

00:13:00,009 --> 00:12:58,279

and he said do you wanna know how you

327

00:13:02,650 --> 00:13:00,019

can tell how many lives you've had in

328

00:13:04,480 --> 00:13:02,660

the past I definitely want you to tell

329

00:13:06,309 --> 00:13:04,490

me that yes I really want me to explain

330

00:13:07,780 --> 00:13:06,319

that to me and he said what you do is

331

00:13:10,180 --> 00:13:07,790

you hold your two hands up in front of

332

00:13:12,040 --> 00:13:10,190

your fears palms facing you and you

333

00:13:13,509 --> 00:13:12,050

bring your thumbs across until you're

334

00:13:16,120 --> 00:13:13,519

touching the base of your little fingers

335

00:13:18,550 --> 00:13:16,130

and then if you look around this of the

336

00:13:19,900 --> 00:13:18,560

fleshy part of the thumb just as it goes

337

00:13:22,329 --> 00:13:19,910

towards the wrist you can see lots of

338

00:13:24,939 --> 00:13:22,339

lines appear and you count those lines

339

00:13:27,129 --> 00:13:24,949

on both hands and cumulatively that's

340

00:13:28,620 --> 00:13:27,139

the number of past lives you've had well

341

00:13:31,240 --> 00:13:28,630

I've been around the traps a few times

342

00:13:33,460 --> 00:13:31,250

well this is it and he said all so I he

343

00:13:34,960 --> 00:13:33,470

said he had like seven on one hand it in

344

00:13:36,730 --> 00:13:34,970

her hands we had 15 past lives something

345

00:13:39,430 --> 00:13:36,740

like that and I said do you ever find

346

00:13:41,199 --> 00:13:39,440

that the older people get the more past

347

00:13:43,809 --> 00:13:41,209

lives they seem to have had except that

348

00:13:45,639 --> 00:13:43,819

you do see that sometimes and then he

349

00:13:47,019 --> 00:13:45,649

was saying so I said so he might have

350

00:13:48,340 --> 00:13:47,029

had 10 or 15 I forget the adapters that

351  
00:13:50,230 --> 00:13:48,350  
number i remember saying to him that

352  
00:13:52,269 --> 00:13:50,240  
let's say that you've had 10 past lives

353  
00:13:54,160 --> 00:13:52,279  
and each of those might have lived to

354  
00:13:55,720 --> 00:13:54,170  
let's say in nineteen that's unlikely

355  
00:13:57,550 --> 00:13:55,730  
because of the age that people live to

356  
00:13:58,569 --> 00:13:57,560  
bless in ninety that means your spirit

357  
00:14:01,210 --> 00:13:58,579  
has been around for a thousand years

358  
00:14:02,949 --> 00:14:01,220  
where was it before then he said well he

359  
00:14:03,999 --> 00:14:02,959  
said me a little twinkly as I said well

360  
00:14:05,860 --> 00:14:04,009  
that's an interesting question I've

361  
00:14:07,300 --> 00:14:05,870  
tried to take people back through their

362  
00:14:09,670 --> 00:14:07,310  
past lives to the first-ever past life

363  
00:14:12,249 --> 00:14:09,680

and then beyond that and I've only ever

364

00:14:14,170 --> 00:14:12,259

had two people come up with answers so

365

00:14:16,240 --> 00:14:14,180

the first person said it was kind of

366

00:14:17,980 --> 00:14:16,250

like a light like an ethereal kind of

367

00:14:19,329 --> 00:14:17,990

light and we weren't physically there

368

00:14:21,009 --> 00:14:19,339

but I knew that I was there but I wasn't

369

00:14:23,290 --> 00:14:21,019

very embody i was there in kind of a

370

00:14:25,240 --> 00:14:23,300

spirit and then before I knew I was in

371

00:14:27,009 --> 00:14:25,250

the body I mean I was in for my first

372

00:14:28,990 --> 00:14:27,019

life and he said in the second person

373

00:14:30,999 --> 00:14:29,000

who answered it said i was on a planet

374

00:14:32,860 --> 00:14:31,009

called the Pleiades and he said I looked

375

00:14:35,019 --> 00:14:32,870

it up and the Pleiades does exist so it

376

00:14:36,280 --> 00:14:35,029

must be true I thought it's it it's

377

00:14:38,550 --> 00:14:36,290

about a private though is it it's about

378

00:14:41,410 --> 00:14:38,560

a bucket it's a relatively young

379

00:14:42,519 --> 00:14:41,420

constellation yeah and then he was

380

00:14:43,870 --> 00:14:42,529

saying and he said so that mean this

381

00:14:45,400 --> 00:14:43,880

just raises the questions he was saying

382

00:14:48,220 --> 00:14:45,410

said so how do we get from the Pleiades

383

00:14:50,259 --> 00:14:48,230

to hear no one knows oh where where do

384

00:14:51,560 --> 00:14:50,269

we go when we finish our lives I don't

385

00:14:52,670 --> 00:14:51,570

know because I've never met anyone

386

00:14:54,350 --> 00:14:52,680

he's done that journey but it's

387

00:14:57,800 --> 00:14:54,360

interesting isn't it well it's it's

388

00:15:00,350 --> 00:14:57,810

quite interesting yeah yeah yes I've

389

00:15:03,200 --> 00:15:00,360

heard similar interesting stories and

390

00:15:05,230 --> 00:15:03,210

and you can have fun conversations with

391

00:15:08,390 --> 00:15:05,240

these people mind by the wallet

392

00:15:10,790 --> 00:15:08,400

festivals in fact i generally discover

393

00:15:12,950 --> 00:15:10,800

you have two types of conversations with

394

00:15:14,540 --> 00:15:12,960

people you can have one like that where

395

00:15:15,860 --> 00:15:14,550

you are keep asking them questions and

396

00:15:17,690 --> 00:15:15,870

they just keep coming up with

397

00:15:19,760 --> 00:15:17,700

interesting shall we say interesting

398

00:15:22,490 --> 00:15:19,770

answers or you get the times where you

399

00:15:25,280 --> 00:15:22,500

will put points to people and before

400

00:15:27,530 --> 00:15:25,290

long they're going to start to get short

401  
00:15:29,360 --> 00:15:27,540  
tempered with you oh yeah I know I've

402  
00:15:30,680 --> 00:15:29,370  
had those too and it would see that how

403  
00:15:32,930 --> 00:15:30,690  
I tend to do that I'm sure you're quite

404  
00:15:34,460 --> 00:15:32,940  
similar I'm never challenging really i

405  
00:15:36,320 --> 00:15:34,470  
wouldn't say on a matter of mind bodies

406  
00:15:38,480 --> 00:15:36,330  
very facile i'm there to learn I'm there

407  
00:15:40,490 --> 00:15:38,490  
to understand first of all who's out

408  
00:15:42,620 --> 00:15:40,500  
there what this landscape that where

409  
00:15:44,210 --> 00:15:42,630  
we're trying to counteract looks like so

410  
00:15:45,470 --> 00:15:44,220  
what are we what are we sort of i don't

411  
00:15:47,240 --> 00:15:45,480  
i say fighting against God don't like

412  
00:15:48,650 --> 00:15:47,250  
combi to defoors in that way but what

413  
00:15:49,940 --> 00:15:48,660

are we looking to challenge we're

414

00:15:51,820 --> 00:15:49,950

looking to counter and educate people

415

00:15:54,710 --> 00:15:51,830

about so I think I being there and

416

00:15:56,300 --> 00:15:54,720

observing it in its natural state this

417

00:15:59,000 --> 00:15:56,310

landscape then you understand what

418

00:16:00,380 --> 00:15:59,010

different things are going on and I'm

419

00:16:02,480 --> 00:16:00,390

also there to understand and

420

00:16:04,100 --> 00:16:02,490

interconnected people i really enjoy i'm

421

00:16:05,750 --> 00:16:04,110

fascinated by being in a room with

422

00:16:07,820 --> 00:16:05,760

people who i completely disagree with

423

00:16:09,740 --> 00:16:07,830

and learning about their belief systems

424

00:16:12,020 --> 00:16:09,750

and what led them there because maybe if

425

00:16:14,120 --> 00:16:12,030

I know what led them to this extreme

426

00:16:15,800 --> 00:16:14,130

belief system I can then spot those

427

00:16:17,660 --> 00:16:15,810

signs where I'm coming across somebody

428

00:16:19,550 --> 00:16:17,670

who hasn't gone that far down you like

429

00:16:21,110 --> 00:16:19,560

and maybe see whether the next step in

430

00:16:22,610 --> 00:16:21,120

their path would be in and provide them

431

00:16:23,540 --> 00:16:22,620

the kind of questions to ask before they

432

00:16:25,840 --> 00:16:23,550

get there so I think that's really

433

00:16:27,680 --> 00:16:25,850

useful but you also get the people i

434

00:16:29,210 --> 00:16:27,690

think it's i think it's hugely useful

435

00:16:31,430 --> 00:16:29,220

you know i think you can really spot

436

00:16:33,290 --> 00:16:31,440

people learn and help people challenge

437

00:16:35,150 --> 00:16:33,300

their beliefs before they get there yeah

438

00:16:37,520 --> 00:16:35,160

yeah and it's something that I've been

439

00:16:40,100 --> 00:16:37,530

saying now for over 60 years on the

440

00:16:41,930 --> 00:16:40,110

skeptics own podcast but people skeptics

441

00:16:43,550 --> 00:16:41,940

who or anybody who considers themselves

442

00:16:46,100 --> 00:16:43,560

to be a skeptic or thinks they're part

443

00:16:48,080 --> 00:16:46,110

of the movement or likes to consider

444

00:16:49,880 --> 00:16:48,090

themselves and in this respect if you

445

00:16:53,530 --> 00:16:49,890

haven't been to a mind-body wallet or a

446

00:16:55,340 --> 00:16:53,540

psychic fair or of this sort of thing

447

00:16:59,240 --> 00:16:55,350

then you're doing yourself a disservice

448

00:17:00,980 --> 00:16:59,250

because you really need to to interface

449

00:17:02,690 --> 00:17:00,990

with these people so to speak to see

450

00:17:04,569 --> 00:17:02,700

what they're up to to hear what they're

451

00:17:07,179 --> 00:17:04,579

saying to understand their

452

00:17:09,730 --> 00:17:07,189

reasoning processes it helps you

453

00:17:12,970 --> 00:17:09,740

enormously and as I mentioned at the top

454

00:17:14,889 --> 00:17:12,980

of the show next weekend here in Sydney

455

00:17:17,230 --> 00:17:14,899

I'm going to be speaking in a paranormal

456

00:17:19,990 --> 00:17:17,240

convention myself so that should be very

457

00:17:22,329 --> 00:17:20,000

interesting indeed yeah I'm absolutely

458

00:17:24,159 --> 00:17:22,339

sure it would and I think as well it's

459

00:17:25,480 --> 00:17:24,169

seeing who's going along to these shores

460

00:17:27,549 --> 00:17:25,490

and seeing what they're being told and

461

00:17:29,980 --> 00:17:27,559

seeing how they respond to it and

462

00:17:31,000 --> 00:17:29,990

sometimes you can if you go in there as

463

00:17:32,019 --> 00:17:31,010

the skeptic and you're saying well

464

00:17:34,330 --> 00:17:32,029

that's nonsense and you're talking

465

00:17:36,370 --> 00:17:34,340

belonging it you know then not only will

466

00:17:38,049 --> 00:17:36,380

the practitioner get that back up and

467

00:17:39,159 --> 00:17:38,059

start you know their defenses go down

468

00:17:40,659 --> 00:17:39,169

you never going to learn anything about

469

00:17:42,070 --> 00:17:40,669

them but the people around you will also

470

00:17:44,590 --> 00:17:42,080

think we'll this guy's being a bit of a

471

00:17:47,500 --> 00:17:44,600

fool you know he's being annoying but if

472

00:17:49,810 --> 00:17:47,510

you're there just asking cillian

473

00:17:52,240 --> 00:17:49,820

questions in innocent ways and I know

474

00:17:53,560 --> 00:17:52,250

that I when I was recently mind body

475

00:17:56,049 --> 00:17:53,570

spirit fest and there was a guy who was

476

00:17:58,810 --> 00:17:56,059

selling little pendants to protect

477

00:18:01,090 --> 00:17:58,820

people from Wi-Fi and mobile phone

478

00:18:02,590 --> 00:18:01,100

radiation and he was even showing that

479

00:18:04,060 --> 00:18:02,600

when you've got your mobile phone on you

480

00:18:05,830 --> 00:18:04,070

you're really weak and he had a series

481

00:18:07,389 --> 00:18:05,840

of physical demonstrations to show how

482

00:18:08,889 --> 00:18:07,399

weak you were and then he give you the

483

00:18:10,870 --> 00:18:08,899

pendant and then suddenly seem strong

484

00:18:12,129 --> 00:18:10,880

again and of course it was applied

485

00:18:14,409 --> 00:18:12,139

kinesiology you know it's this thing

486

00:18:17,110 --> 00:18:14,419

that you've been yours debunking and it

487

00:18:18,310 --> 00:18:17,120

was there in front of me and the great

488

00:18:19,750 --> 00:18:18,320

that you know the fun thing about that

489

00:18:22,149 --> 00:18:19,760

is when you see applied kinesiology

490

00:18:24,399 --> 00:18:22,159

demonstrations you know that on some

491

00:18:26,919 --> 00:18:24,409

level that guy or that person that woman

492

00:18:28,419 --> 00:18:26,929

must know when to push in one direction

493

00:18:29,889 --> 00:18:28,429

when to push the other and maybe they're

494

00:18:31,480 --> 00:18:29,899

kind of fooling themselves maybe they do

495

00:18:32,950 --> 00:18:31,490

believe it they're using this to kind of

496

00:18:34,389 --> 00:18:32,960

really convince people but they know

497

00:18:35,889 --> 00:18:34,399

it's not the most accurate of tests or

498

00:18:37,690 --> 00:18:35,899

maybe they're outright charlatans will

499

00:18:40,120 --> 00:18:37,700

never know the degree to which they have

500

00:18:42,220 --> 00:18:40,130

belief what we do know is they have to

501  
00:18:43,960 --> 00:18:42,230  
know which direction to push and I was

502  
00:18:46,149 --> 00:18:43,970  
at the one that I saw with this guy who

503  
00:18:51,399 --> 00:18:46,159  
was selling these little pendants to

504  
00:18:53,799 --> 00:18:51,409  
protect you from Wi-Fi I asked him DUS

505  
00:18:55,360 --> 00:18:53,809  
does a test still work even if you don't

506  
00:18:57,639 --> 00:18:55,370  
know whether the person has a mobile

507  
00:18:59,169 --> 00:18:57,649  
phone on them or not and his reaction

508  
00:19:01,210 --> 00:18:59,179  
was pricey I know and I've showed you

509  
00:19:02,230 --> 00:19:01,220  
the footage of that his reactions prices

510  
00:19:03,490 --> 00:19:02,240  
he's not been asked this question before

511  
00:19:05,019 --> 00:19:03,500  
he doesn't have an answer for and

512  
00:19:06,970 --> 00:19:05,029  
there's just two minutes of him just

513  
00:19:08,259 --> 00:19:06,980

stalling on the spot and the great thing

514

00:19:10,180 --> 00:19:08,269

was there were people around me going

515

00:19:11,529 --> 00:19:10,190

that seems like a really straightforward

516

00:19:14,289 --> 00:19:11,539

question to ask I mean that seems like

517

00:19:16,330 --> 00:19:14,299

an easy one to answer well then it comes

518

00:19:18,159 --> 00:19:16,340

to in this situation there's lots of

519

00:19:20,919 --> 00:19:18,169

special pleading oh it doesn't work like

520

00:19:24,099 --> 00:19:20,929

oh you can't test it like that are we

521

00:19:26,139 --> 00:19:24,109

and I said I recall the the video he

522

00:19:27,759 --> 00:19:26,149

then walks over and points to something

523

00:19:29,320 --> 00:19:27,769

at the wall and explains other tests

524

00:19:32,409 --> 00:19:29,330

that have been done elsewhere which is

525

00:19:33,909 --> 00:19:32,419

just beside the point of course yeah

526

00:19:35,200 --> 00:19:33,919

absolutely absolutely and the special

527

00:19:36,489 --> 00:19:35,210

pleading and things fascinating I mean

528

00:19:38,169 --> 00:19:36,499

even I think was even at the same

529

00:19:41,919 --> 00:19:38,179

mind-body-spirit festival is a guy who

530

00:19:45,009 --> 00:19:41,929

was using some type of device in it was

531

00:19:46,210 --> 00:19:45,019

either an Amiga wand or they saw that

532

00:19:48,009 --> 00:19:46,220

you knows plenty of little kind of

533

00:19:49,779 --> 00:19:48,019

technological devices that don't do

534

00:19:52,299 --> 00:19:49,789

anything apart from give the illusion of

535

00:19:53,739 --> 00:19:52,309

an effect and he was talking about this

536

00:19:55,269 --> 00:19:53,749

one chap who's coming in this young guy

537

00:19:56,320 --> 00:19:55,279

who's coming in had something wrong and

538

00:19:57,519 --> 00:19:56,330

he was supposed to come in for an

539

00:19:58,599 --> 00:19:57,529

appointment he didn't make it he was

540

00:20:00,279 --> 00:19:58,609

very annoyed that this guy didn't make

541

00:20:01,570 --> 00:20:00,289

it when he found out that this guy had

542

00:20:05,349 --> 00:20:01,580

been an accident was on life support

543

00:20:07,539 --> 00:20:05,359

somewhere and so he turned on his wand

544

00:20:09,070 --> 00:20:07,549

or wherever is machine was and sent off

545

00:20:10,359 --> 00:20:09,080

the vibrations and this guy got Betty

546

00:20:12,489 --> 00:20:10,369

was on Ally spot machine he was just

547

00:20:13,720 --> 00:20:12,499

turning it off and before they turn the

548

00:20:15,729 --> 00:20:13,730

machine off he regained consciousness

549

00:20:17,139 --> 00:20:15,739

since because he was doing this

550

00:20:19,899 --> 00:20:17,149

vibration thing and I remember asking

551  
00:20:21,070 --> 00:20:19,909  
him so this seems really effective thing

552  
00:20:22,629 --> 00:20:21,080  
that's I mean you weren't even near him

553  
00:20:24,669 --> 00:20:22,639  
that's that's remarkable amazed that

554  
00:20:27,639 --> 00:20:24,679  
more people don't know about this and he

555  
00:20:28,960 --> 00:20:27,649  
said well the thing is you know if this

556  
00:20:30,879 --> 00:20:28,970  
kind of information and what we talk

557  
00:20:32,919 --> 00:20:30,889  
about it it's all suppressed because big

558  
00:20:35,710 --> 00:20:32,929  
farmer can't sell this and I said to him

559  
00:20:36,970 --> 00:20:35,720  
and I said to me yeah that's that's

560  
00:20:38,139 --> 00:20:36,980  
that's really interesting another big

561  
00:20:40,060 --> 00:20:38,149  
farmer suppression is because they can't

562  
00:20:42,340 --> 00:20:40,070  
sell it how much does the session cost

563  
00:20:43,810 --> 00:20:42,350

by the way he saw its 45 pounds it's a

564

00:20:46,389 --> 00:20:43,820

right so I was thinking so you could

565

00:20:48,340 --> 00:20:46,399

sell it so big farmer in all their might

566

00:20:50,229 --> 00:20:48,350

and their many you know millions of

567

00:20:51,700 --> 00:20:50,239

dollars worth of marketing wings can't

568

00:20:53,739 --> 00:20:51,710

figure out to sell it but you just a

569

00:20:55,509 --> 00:20:53,749

chap in northumberland can figure it out

570

00:20:56,529 --> 00:20:55,519

and I was same time but surely just want

571

00:20:58,239 --> 00:20:56,539

to tell the world about this you know

572

00:20:59,919 --> 00:20:58,249

and put all the information out then he

573

00:21:01,299 --> 00:20:59,929

said well the thing about that is the

574

00:21:03,190 --> 00:21:01,309

moment you write anything about this on

575

00:21:04,899 --> 00:21:03,200

the Internet the skeptics come out and

576

00:21:06,279 --> 00:21:04,909

they'll always just sit there in front

577

00:21:07,570 --> 00:21:06,289

the computers writing away they'll never

578

00:21:09,129 --> 00:21:07,580

come and see you and look you in the eye

579

00:21:10,570 --> 00:21:09,139

and I kind of looked up and thought oh I

580

00:21:15,159 --> 00:21:10,580

said oh yeah that must be really

581

00:21:17,320 --> 00:21:15,169

annoying and kind of walked off yeah

582

00:21:19,599 --> 00:21:17,330

I've had the cage where people said this

583

00:21:21,249 --> 00:21:19,609

this information has been repressed and

584

00:21:25,239 --> 00:21:21,259

said well how come you know and you're

585

00:21:27,460 --> 00:21:25,249

telling me yeah but it's just that idea

586

00:21:29,109 --> 00:21:27,470

that big farmer can't Matt can't figure

587

00:21:31,360 --> 00:21:29,119

out how to sell something that's been

588

00:21:34,150 --> 00:21:31,370

solved by a one-man band

589

00:21:35,620 --> 00:21:34,160

in a church hall in the middle of some

590

00:21:37,900 --> 00:21:35,630

little village in the north it's like

591

00:21:39,370 --> 00:21:37,910

I'm sure glaxo would if this work there

592

00:21:41,440 --> 00:21:39,380

be all over this you know that they

593

00:21:43,630 --> 00:21:41,450

seemed much better than having to go

594

00:21:46,150 --> 00:21:43,640

through clinical trials and anything

595

00:21:48,310 --> 00:21:46,160

like that and while glaxo and Big Pharma

596

00:21:50,710 --> 00:21:48,320

should absolutely be a criticized for

597

00:21:52,210 --> 00:21:50,720

the shortcuts they take they don't take

598

00:21:56,799 --> 00:21:52,220

those shortcuts tho those are

599

00:21:58,240 --> 00:21:56,809

particularly shortcuts but by yeah and I

600

00:21:59,500 --> 00:21:58,250

also think that the most majority of

601  
00:22:01,930 --> 00:21:59,510  
people you'll meet in these situations

602  
00:22:03,430 --> 00:22:01,940  
and I honestly genuinely believe and you

603  
00:22:05,680 --> 00:22:03,440  
probably have a very similar I think

604  
00:22:07,270 --> 00:22:05,690  
most of them really believe what they're

605  
00:22:10,360 --> 00:22:07,280  
doing you know they're so sincere they

606  
00:22:13,090 --> 00:22:10,370  
just want to help they do they do are

607  
00:22:16,030 --> 00:22:13,100  
largely because they've been convinced

608  
00:22:17,950 --> 00:22:16,040  
by somebody else this really works they

609  
00:22:19,330 --> 00:22:17,960  
and I talked about in some of the talks

610  
00:22:21,370 --> 00:22:19,340  
like if I talk about the positive

611  
00:22:23,680 --> 00:22:21,380  
feedback that a lot of these people get

612  
00:22:25,870 --> 00:22:23,690  
when they go visit psychics or healers

613  
00:22:28,810 --> 00:22:25,880

or something like that it's it's a loop

614

00:22:31,240 --> 00:22:28,820

of feedback loop so they'll see people

615

00:22:33,580 --> 00:22:31,250

who seem to be healed or helped and then

616

00:22:36,400 --> 00:22:33,590

there that'll utterly convince them so

617

00:22:38,500 --> 00:22:36,410

yes again a plea to all our listeners if

618

00:22:40,780 --> 00:22:38,510

you have the opportunity to go to one of

619

00:22:43,390 --> 00:22:40,790

this these things go don't don't go

620

00:22:46,060 --> 00:22:43,400

there to rant and rage ask questions

621

00:22:49,230 --> 00:22:46,070

enough rope is always a good policy give

622

00:22:51,549 --> 00:22:49,240

them enough rope but let's let's have a

623

00:22:53,799 --> 00:22:51,559

look now at something else that you're

624

00:22:55,480 --> 00:22:53,809

very much concerned with and you can

625

00:22:56,890 --> 00:22:55,490

tell us a little bit more about it I'd

626

00:23:00,130 --> 00:22:56,900

like to know a bit more about the good

627

00:23:02,320 --> 00:23:00,140

thinking society yeah so this is uh this

628

00:23:04,360 --> 00:23:02,330

is a charity that that Simon Singh set

629

00:23:07,240 --> 00:23:04,370

up and I've been working full-time for

630

00:23:08,820 --> 00:23:07,250

it now for six months which is it's

631

00:23:10,870 --> 00:23:08,830

bizarre to be in a position where

632

00:23:13,360 --> 00:23:10,880

skepticism is become like a full-time

633

00:23:15,610 --> 00:23:13,370

job and part my job is to go around the

634

00:23:18,370 --> 00:23:15,620

country giving lectures and things which

635

00:23:20,980 --> 00:23:18,380

means essentially my job is to convince

636

00:23:22,510 --> 00:23:20,990

people to doubt stuff and I also like to

637

00:23:23,710 --> 00:23:22,520

point that out to people because always

638

00:23:25,090 --> 00:23:23,720

a few people in the audience who then

639

00:23:27,070 --> 00:23:25,100

don't believe that that's my real job

640

00:23:29,110 --> 00:23:27,080

which I think just proves how good I am

641

00:23:32,049 --> 00:23:29,120

at it you know that I've managed to get

642

00:23:33,520 --> 00:23:32,059

them to doubt even that so yeah and it's

643

00:23:35,590 --> 00:23:33,530

what we're trying to do is we're really

644

00:23:37,120 --> 00:23:35,600

trying to see it i guess not the similar

645

00:23:39,040 --> 00:23:37,130

to the Australian skeptics you know

646

00:23:40,510 --> 00:23:39,050

we've got to re-establish the

647

00:23:41,710 --> 00:23:40,520

organization that's got a track record

648

00:23:43,150 --> 00:23:41,720

of doing stuff I think we're trying to

649

00:23:43,610 --> 00:23:43,160

build that in the UK with yet it's

650

00:23:46,010 --> 00:23:43,620

something

651  
00:23:48,320 --> 00:23:46,020  
were probably the biggest country with

652  
00:23:50,120 --> 00:23:48,330  
an active skeptics movement that doesn't

653  
00:23:53,200 --> 00:23:50,130  
have L didn't have something that was a

654  
00:23:55,190 --> 00:23:53,210  
kind of hardcore skeptic specific

655  
00:23:57,170 --> 00:23:55,200  
organization or charity that that's

656  
00:23:58,549 --> 00:23:57,180  
doing this full time so we figured what

657  
00:23:59,960 --> 00:23:58,559  
what does that look like and how to make

658  
00:24:01,610 --> 00:23:59,970  
it work and we've we've been doing a few

659  
00:24:04,430 --> 00:24:01,620  
things a lot of the stuff we been doing

660  
00:24:06,260 --> 00:24:04,440  
is kind of necessarily a bit back office

661  
00:24:07,220 --> 00:24:06,270  
and a bit under the under the table to

662  
00:24:09,290 --> 00:24:07,230  
begin with but we're really looking

663  
00:24:11,120 --> 00:24:09,300

forward to being able to show a few

664

00:24:12,670 --> 00:24:11,130

things in the next kind of coming weeks

665

00:24:14,660 --> 00:24:12,680

and months and there'll be a few

666

00:24:16,220 --> 00:24:14,670

undercover investigations that were

667

00:24:17,960 --> 00:24:16,230

looking to show people and a few of the

668

00:24:20,330 --> 00:24:17,970

kind of projects but it is it's been

669

00:24:23,450 --> 00:24:20,340

really quite exciting to be able to be

670

00:24:24,620 --> 00:24:23,460

out there you know meeting people first

671

00:24:26,380 --> 00:24:24,630

of all meeting skeptics and I think this

672

00:24:28,580 --> 00:24:26,390

is a really big thing for me is that

673

00:24:29,960 --> 00:24:28,590

certainly in my experience the UK

674

00:24:31,520 --> 00:24:29,970

skeptical movement and I haven't seen

675

00:24:33,020 --> 00:24:31,530

this Catholic a movement up close in

676

00:24:34,669 --> 00:24:33,030

other countries I couldn't comment but

677

00:24:37,220 --> 00:24:34,679

certainly you care we've got such a

678

00:24:40,640 --> 00:24:37,230

vibrant community in such disparate and

679

00:24:41,930 --> 00:24:40,650

different and individual groups and

680

00:24:43,160 --> 00:24:41,940

we're all just kind of coalescing and

681

00:24:44,600 --> 00:24:43,170

coming together I think it's something

682

00:24:46,700 --> 00:24:44,610

to be really celebrated it's very easy

683

00:24:48,970 --> 00:24:46,710

for us to kind of be negative about

684

00:24:51,650 --> 00:24:48,980

stuff but it's it's so much more

685

00:24:52,910 --> 00:24:51,660

embracing to see the positivity in what

686

00:24:56,060 --> 00:24:52,920

we're doing that those people who are

687

00:24:57,799 --> 00:24:56,070

choosing to get together and talk about

688

00:24:59,360 --> 00:24:57,809

the things that aren't true and how do

689

00:25:01,340 --> 00:24:59,370

we help people see what's not true and

690

00:25:02,630 --> 00:25:01,350

how do we kind of spread education and

691

00:25:05,630 --> 00:25:02,640

spread activism and things and it's

692

00:25:08,240 --> 00:25:05,640

really invigorating a thing to see it or

693

00:25:09,950 --> 00:25:08,250

close and see all around the country and

694

00:25:11,270 --> 00:25:09,960

I'm sure even all around the world how

695

00:25:13,549 --> 00:25:11,280

these groups are operating I think it's

696

00:25:15,290 --> 00:25:13,559

really coming encouraging I think that's

697

00:25:17,240 --> 00:25:15,300

it that's that's an excellent idea what

698

00:25:19,640 --> 00:25:17,250

is the website so people especially in

699

00:25:22,030 --> 00:25:19,650

the UK can check that out I will good

700

00:25:24,350 --> 00:25:22,040

think he's good thinking society org and

701

00:25:26,030 --> 00:25:24,360

yeah like there will be some stuff on

702

00:25:28,549 --> 00:25:26,040

there soon that we re looking forward to

703

00:25:29,930 --> 00:25:28,559

talking about so hopefully people will

704

00:25:31,220 --> 00:25:29,940

be able to check us out cuz what would

705

00:25:32,330 --> 00:25:31,230

you rather really do is establish it

706

00:25:34,040 --> 00:25:32,340

with a track record and I think

707

00:25:35,450 --> 00:25:34,050

sometimes you need to do that by laying

708

00:25:38,419 --> 00:25:35,460

some groundwork that isn't the most kind

709

00:25:40,250 --> 00:25:38,429

of glamorous and public to begin with

710

00:25:42,590 --> 00:25:40,260

but it's it's it's hopefully all been

711

00:25:45,830 --> 00:25:42,600

good stuff so far good thinking society

712

00:25:47,450 --> 00:25:45,840

org which sounds good to me well Michael

713

00:25:49,070 --> 00:25:47,460

Marshall I tell you what this has been

714

00:25:50,870 --> 00:25:49,080

so interesting I'd like to have you on

715

00:25:53,810 --> 00:25:50,880

the show again next week to discuss some

716

00:25:56,270 --> 00:25:53,820

more things but as always it's great to

717

00:25:57,860 --> 00:25:56,280

catch up with you but for now all the

718

00:26:00,440 --> 00:25:57,870

they're in Liverpool Michael Marshall

719

00:26:21,980 --> 00:26:00,450

thank you very much Thank You richest in

720

00:26:25,550 --> 00:26:21,990

a pleasure here's a quote from a

721

00:26:28,250 --> 00:26:25,560

petition i came across recently we call

722

00:26:32,090 --> 00:26:28,260

on those within wh 0 in positions of

723

00:26:33,410 --> 00:26:32,100

authority and influence to one look at

724

00:26:35,120 --> 00:26:33,420

home your patties records in the

725

00:26:37,580 --> 00:26:35,130

treatment and prevention of serious

726  
00:26:39,290 --> 00:26:37,590  
epidemic disease to engage with

727  
00:26:41,540 --> 00:26:39,300  
qualified representatives from the

728  
00:26:43,690 --> 00:26:41,550  
homeopathic profession to formally

729  
00:26:46,760 --> 00:26:43,700  
identify the best indicated remedies

730  
00:26:48,710 --> 00:26:46,770  
three test those remedies to determine

731  
00:26:51,800 --> 00:26:48,720  
which are best for the treatment and

732  
00:26:53,690 --> 00:26:51,810  
prevention of Ebola for obtained

733  
00:26:56,050 --> 00:26:53,700  
suppliers of those remedies from waiting

734  
00:26:59,360 --> 00:26:56,060  
and concerned homeopathic pharmacies

735  
00:27:01,220 --> 00:26:59,370  
five bring the outbreaks under control

736  
00:27:03,110 --> 00:27:01,230  
by distributing these remedies as

737  
00:27:06,290 --> 00:27:03,120  
quickly as possible throughout the

738  
00:27:08,150 --> 00:27:06,300

affected areas finally please end the

739

00:27:09,970 --> 00:27:08,160

suffering of those in the Ebola crisis

740

00:27:14,030 --> 00:27:09,980

by using the tried and proven

741

00:27:16,250 --> 00:27:14,040

homeopathic option and quote now as a

742

00:27:18,050 --> 00:27:16,260

skeptic I often don't hesitate to voice

743

00:27:20,570 --> 00:27:18,060

my opinion on traditional and

744

00:27:22,070 --> 00:27:20,580

alternative remedies I don't think

745

00:27:23,480 --> 00:27:22,080

there's much wrong with drinking a

746

00:27:25,940 --> 00:27:23,490

horrible tea when you have a sore throat

747

00:27:27,800 --> 00:27:25,950

and it's the same if you want to pop

748

00:27:29,900 --> 00:27:27,810

some vitamins when your mood or energy

749

00:27:32,930 --> 00:27:29,910

levels are a bit low because that kind

750

00:27:35,150 --> 00:27:32,940

of stuff is pretty much harmless besides

751  
00:27:36,500 --> 00:27:35,160  
it can indeed make you feel better even

752  
00:27:38,930 --> 00:27:36,510  
if the effect comes from the belief that

753  
00:27:42,110 --> 00:27:38,940  
the substance may help the phenomenon we

754  
00:27:44,120 --> 00:27:42,120  
all know as the placebo effect in some

755  
00:27:46,220 --> 00:27:44,130  
aspects I believe he'll me apathy falls

756  
00:27:49,430 --> 00:27:46,230  
into that category for the most part is

757  
00:27:51,590 --> 00:27:49,440  
just silly but harmless however as you

758  
00:27:53,810 --> 00:27:51,600  
can see from that petition I just quoted

759  
00:27:56,210 --> 00:27:53,820  
there are also some rather deranged

760  
00:27:58,190 --> 00:27:56,220  
homeopathy supporters out there who seem

761  
00:28:00,620 --> 00:27:58,200  
to be ignorant of the scientific body of

762  
00:28:03,620 --> 00:28:00,630  
knowledge and of how infectious diseases

763  
00:28:05,690 --> 00:28:03,630

work sometimes this attitude seems to be

764

00:28:07,430 --> 00:28:05,700

fueled by denial of the germ theory of

765

00:28:09,470 --> 00:28:07,440

disease you know the modern

766

00:28:10,320 --> 00:28:09,480

substantiated and evidence-based

767

00:28:12,360 --> 00:28:10,330

scientific

768

00:28:14,789 --> 00:28:12,370

theory that explains how some diseases

769

00:28:17,580 --> 00:28:14,799

are caused by microorganisms you know

770

00:28:20,340 --> 00:28:17,590

likely bola virus homeopathy on the

771

00:28:22,200 --> 00:28:20,350

other hand hugs back to just one 18th

772

00:28:24,720 --> 00:28:22,210

century German medical practitioner

773

00:28:26,549 --> 00:28:24,730

named Samuel Hahnemann who lived a while

774

00:28:28,950 --> 00:28:26,559

before the germ theory even fully

775

00:28:31,919 --> 00:28:28,960

displaced all previous and mistaken

776

00:28:34,019 --> 00:28:31,929

ideas on what caused disease amongst

777

00:28:36,000 --> 00:28:34,029

those were things like the miasma theory

778

00:28:38,340 --> 00:28:36,010

that claimed disease comes from bad air

779

00:28:40,620 --> 00:28:38,350

we just didn't know better until the

780

00:28:42,830 --> 00:28:40,630

scientific method came along and that's

781

00:28:45,570 --> 00:28:42,840

okay because this is how science works

782

00:28:47,669 --> 00:28:45,580

the ritual is to homeopathic remedies

783

00:28:49,940 --> 00:28:47,679

prepared by the German doctor have no

784

00:28:52,769 --> 00:28:49,950

plausible biological mechanism of action

785

00:28:55,049 --> 00:28:52,779

the remedies are produced by a method of

786

00:28:57,779 --> 00:28:55,059

extreme dilution of the original plant

787

00:29:00,360 --> 00:28:57,789

or animal matter which is then shaken in

788

00:29:02,129 --> 00:29:00,370

particular ways today the theory

789

00:29:03,960 --> 00:29:02,139

homeopathy is considered as

790

00:29:06,480 --> 00:29:03,970

pseudoscience and is on its way to

791

00:29:08,850 --> 00:29:06,490

become a largely discredited branch of

792

00:29:10,980 --> 00:29:08,860

alternative medicine the people who

793

00:29:14,100 --> 00:29:10,990

claim it works use arguments on how

794

00:29:17,009 --> 00:29:14,110

water has memory or behold quantum

795

00:29:19,620 --> 00:29:17,019

phenomena are at play most often though

796

00:29:21,810 --> 00:29:19,630

it either doesn't work at all or it

797

00:29:24,720 --> 00:29:21,820

helps via they already mentioned placebo

798

00:29:27,060 --> 00:29:24,730

effect which is fine if you have a cold

799

00:29:29,730 --> 00:29:27,070

but not fine if you have a deadly in

800

00:29:32,610 --> 00:29:29,740

terrible viral disease like the Ebola

801  
00:29:34,919 --> 00:29:32,620  
virus however I'm not particularly

802  
00:29:37,310 --> 00:29:34,929  
worried that the wh 0 might start

803  
00:29:39,480 --> 00:29:37,320  
wasting energy and engaging with quote

804  
00:29:41,730 --> 00:29:39,490  
qualified representatives from the

805  
00:29:44,220 --> 00:29:41,740  
homeopathic profession to formally

806  
00:29:46,769 --> 00:29:44,230  
identify the best indicated remedies and

807  
00:29:49,889 --> 00:29:46,779  
quote just a few years ago the British

808  
00:29:53,039 --> 00:29:49,899  
Medical Journal reported on how the wh 0

809  
00:29:56,700 --> 00:29:53,049  
was warning against using homeopathy for

810  
00:29:59,190 --> 00:29:56,710  
anything serious Ebola is very serious

811  
00:30:01,259 --> 00:29:59,200  
and doctors in western Africa are doing

812  
00:30:02,759 --> 00:30:01,269  
the best they can I'm sure that the

813  
00:30:05,490 --> 00:30:02,769

world will get through this epidemic

814

00:30:08,389 --> 00:30:05,500

eventually with no help from outdated

815

00:30:10,980 --> 00:30:08,399

and misleading alternative practices

816

00:30:13,799 --> 00:30:10,990

homeopathy should just stay away from

817

00:30:17,340 --> 00:30:13,809

places where real medicine is vitally

818

00:30:22,970 --> 00:30:17,350

important this is Sigma Kane especially

819

00:30:29,730 --> 00:30:26,090

hey guys Jana Vella here simple question

820

00:30:31,620 --> 00:30:29,740

where will you be this November because

821

00:30:33,360 --> 00:30:31,630

I know I'm going to be at the Australian

822

00:30:34,950 --> 00:30:33,370

skeptics national convention in Sydney

823

00:30:36,330 --> 00:30:34,960

and so will all the rest of us from the

824

00:30:39,420 --> 00:30:36,340

skeptics guide to the universe including

825

00:30:41,610 --> 00:30:39,430

George Rob and Dick Smith and dr. Karl

826  
00:30:44,610 --> 00:30:41,620  
and dr. Reggie and lots of other awesome

827  
00:30:46,740 --> 00:30:44,620  
people why aren't you going did you not

828  
00:30:48,330 --> 00:30:46,750  
sign up yet get on there and sign up

829  
00:30:50,310 --> 00:30:48,340  
this is going to be some epic stuff here

830  
00:30:58,110 --> 00:30:50,320  
you don't want to miss it go to skeptics

831  
00:31:01,020 --> 00:30:58,120  
com au forward slash convention welcome

832  
00:31:04,260 --> 00:31:01,030  
to a week in science from RI oz bringing

833  
00:31:07,680 --> 00:31:04,270  
you the science you needs know we all

834  
00:31:12,600 --> 00:31:07,690  
live in a soup of chemicals does that

835  
00:31:14,430 --> 00:31:12,610  
worry you chemicals are all around us

836  
00:31:16,950 --> 00:31:14,440  
and their variety is constantly

837  
00:31:19,140 --> 00:31:16,960  
increasing as new synthetic chemicals

838  
00:31:21,360 --> 00:31:19,150

have reduced but there is a lot of

839

00:31:23,310 --> 00:31:21,370

confusion around about what chemicals

840

00:31:25,920 --> 00:31:23,320

are out there and whether they are safe

841

00:31:28,800 --> 00:31:25,930

or dangerous chemicals can be either

842

00:31:32,100 --> 00:31:28,810

natural or synthetic but that doesn't

843

00:31:34,440 --> 00:31:32,110

mean safe or dangerous many synthetic

844

00:31:37,290 --> 00:31:34,450

chemicals are completely safe around

845

00:31:39,630 --> 00:31:37,300

humans while some natural chemicals can

846

00:31:42,480 --> 00:31:39,640

be deadly and are found in common food

847

00:31:45,480 --> 00:31:42,490

such as apples almonds and potatoes and

848

00:31:48,360 --> 00:31:45,490

any talk about living chemical-free is

849

00:31:50,490 --> 00:31:48,370

complete nonsense we are made of

850

00:31:53,379 --> 00:31:50,500

chemicals and we consume a huge variety

851  
00:31:56,589 --> 00:31:53,389  
of them every day

852  
00:31:58,060 --> 00:31:56,599  
a cause for concern is that many

853  
00:32:00,909 --> 00:31:58,070  
chemicals are added to our environment

854  
00:32:03,249 --> 00:32:00,919  
every day and in many cases we don't

855  
00:32:05,589 --> 00:32:03,259  
know what effects they will have on us

856  
00:32:09,369 --> 00:32:05,599  
or other living creatures it's been

857  
00:32:11,499 --> 00:32:09,379  
estimated that there are around 143,000

858  
00:32:13,569 --> 00:32:11,509  
new chemicals that we've deliberately

859  
00:32:16,449 --> 00:32:13,579  
unleashed on the world over the last

860  
00:32:18,579 --> 00:32:16,459  
century or so and a similar number of

861  
00:32:21,279 --> 00:32:18,589  
new chemicals have accidentally been

862  
00:32:23,919 --> 00:32:21,289  
released most of these chemicals will be

863  
00:32:26,379 --> 00:32:23,929

completely safe but some may be harmful

864

00:32:28,299 --> 00:32:26,389

and we do not fully understand which

865

00:32:30,669 --> 00:32:28,309

ones will be dangerous and in what

866

00:32:32,799 --> 00:32:30,679

concentrations while claims of an

867

00:32:35,409 --> 00:32:32,809

impending chemical apocalypse may be

868

00:32:37,749 --> 00:32:35,419

premature there is a need to more

869

00:32:39,669 --> 00:32:37,759

effectively regulate what chemicals are

870

00:32:42,759 --> 00:32:39,679

out there and what effect they're having

871

00:32:47,169 --> 00:32:42,769

on our environment now for fast facts

872

00:32:49,089 --> 00:32:47,179

about the chemical suit the widely used

873

00:32:51,039 --> 00:32:49,099

and denounced herbicide glyphosate is

874

00:32:53,829 --> 00:32:51,049

less toxic than a commonly proposed

875

00:32:56,019 --> 00:32:53,839

natural herbicide concocted from vinegar

876  
00:32:57,969 --> 00:32:56,029  
table salt and soap the artificial

877  
00:33:00,489 --> 00:32:57,979  
sweetener aspartame will not give you

878  
00:33:03,310 --> 00:33:00,499  
cancer contrary to a widely distributed

879  
00:33:05,739 --> 00:33:03,320  
internet rumor apples contain jet fuel

880  
00:33:07,930 --> 00:33:05,749  
nail polish remover and toilet bowl

881  
00:33:09,729 --> 00:33:07,940  
cleaner but don't be scared what matters

882  
00:33:12,310 --> 00:33:09,739  
is the concentration that they naturally

883  
00:33:13,989 --> 00:33:12,320  
occur in and despite a huge campaign

884  
00:33:17,009 --> 00:33:13,999  
setting the supposed dangers of the

885  
00:33:19,329 --> 00:33:17,019  
plastic chemical bisphenol A or BPA

886  
00:33:21,399 --> 00:33:19,339  
several studies have independently

887  
00:33:24,430 --> 00:33:21,409  
concluded it does not pose serious

888  
00:33:27,159 --> 00:33:24,440

neurological dangers or cause cancer in

889

00:33:29,229 --> 00:33:27,169

humans that's it for this a week in

890

00:33:31,479 --> 00:33:29,239

science for more information about the

891

00:33:36,039 --> 00:33:31,489

chemical soup just go to the rirs

892

00:33:38,889 --> 00:33:36,049

website RI aus org a you follow us on

893

00:33:41,349 --> 00:33:38,899

twitter at our iOS and like us on

894

00:34:05,780 --> 00:33:41,359

facebook i'm paul willis and we'll catch

895

00:34:10,649 --> 00:34:08,550

and joining me on the line the telephone

896

00:34:13,830 --> 00:34:10,659

line this time from sunny California

897

00:34:16,260 --> 00:34:13,840

it's Susan grbac hello Susan hi Richard

898

00:34:18,990 --> 00:34:16,270

hi it's good it's good to catch up with

899

00:34:21,330 --> 00:34:19,000

you we should catch up more often I have

900

00:34:24,629 --> 00:34:21,340

been very busy you you have been very

901  
00:34:26,940 --> 00:34:24,639  
busy and Our Mutual Friend the wonderful

902  
00:34:29,909 --> 00:34:26,950  
penny chad has given me a big inside

903  
00:34:32,310 --> 00:34:29,919  
scoop tip here so that's why I'm

904  
00:34:35,849 --> 00:34:32,320  
chatting to you and this is concerning a

905  
00:34:37,440 --> 00:34:35,859  
man who calls himself a psychic and I

906  
00:34:38,580 --> 00:34:37,450  
don't think he's very well known here

907  
00:34:40,379 --> 00:34:38,590  
but he's certainly well known in the

908  
00:34:42,810 --> 00:34:40,389  
States but a man by the name of chip

909  
00:34:45,680 --> 00:34:42,820  
coffey what's the latest skeptical

910  
00:34:49,649 --> 00:34:45,690  
adventures with him well we have been

911  
00:34:51,899 --> 00:34:49,659  
following his career for the last few

912  
00:34:54,180 --> 00:34:51,909  
years and I say we I mean the skeptical

913  
00:34:56,909 --> 00:34:54,190

friends that I have that are more

914

00:34:59,280 --> 00:34:56,919

activists related and we've been

915

00:35:02,640 --> 00:34:59,290

following what he's been doing and going

916

00:35:05,370 --> 00:35:02,650

to shows and observing him we were

917

00:35:08,970 --> 00:35:05,380

trying to test a hypothesis to find out

918

00:35:12,650 --> 00:35:08,980

if he may be using hot reading

919

00:35:16,800 --> 00:35:12,660

techniques to get information we try to

920

00:35:19,349 --> 00:35:16,810

test that and it turns out that in my

921

00:35:23,160 --> 00:35:19,359

opinion he's not using hot reading at

922

00:35:25,410 --> 00:35:23,170

all he's using cold reading to make it

923

00:35:27,599 --> 00:35:25,420

seem like he's psychic when it's not

924

00:35:30,359 --> 00:35:27,609

right then just for the benefit of our

925

00:35:32,550 --> 00:35:30,369

listeners of course cold reading is when

926

00:35:36,210 --> 00:35:32,560

you read someone cold in other words you

927

00:35:38,250 --> 00:35:36,220

have no prior knowledge of them and you

928

00:35:39,840 --> 00:35:38,260

make it seem like you're reaching their

929

00:35:41,670 --> 00:35:39,850

dead relatives or things like that in

930

00:35:43,230 --> 00:35:41,680

hot reading of course is when you do

931

00:35:45,780 --> 00:35:43,240

have prior knowledge of the people

932

00:35:48,180 --> 00:35:45,790

you're about to read yes alright so I

933

00:35:51,000 --> 00:35:48,190

believe you went along to see the

934

00:35:53,520 --> 00:35:51,010

performance the show we had two teams

935

00:35:58,560 --> 00:35:53,530

the first one was in Los Angeles

936

00:36:00,420 --> 00:35:58,570

California and they went in with a

937

00:36:04,230 --> 00:36:00,430

I think there was four of them they went

938

00:36:06,930 --> 00:36:04,240

in and tried to get chips attention to

939

00:36:09,300 --> 00:36:06,940

give them a you know razor hand and

940

00:36:12,600 --> 00:36:09,310

tried to speak to someone that had

941

00:36:15,630 --> 00:36:12,610

departed and ship did not call on

942

00:36:18,390 --> 00:36:15,640

anybody in our skeptic group but they

943

00:36:20,250 --> 00:36:18,400

reported back to us and told us things

944

00:36:22,890 --> 00:36:20,260

that we should do to probably get

945

00:36:26,040 --> 00:36:22,900

noticed and there were things like

946

00:36:28,140 --> 00:36:26,050

arrive early get a very good seat wear

947

00:36:32,580 --> 00:36:28,150

bright colored clothing be very friendly

948

00:36:34,230 --> 00:36:32,590

be very open and talk more to each other

949

00:36:37,680 --> 00:36:34,240

stay in a group and talk to each other

950

00:36:39,420 --> 00:36:37,690

about who we wanted to reach and make

951  
00:36:41,700 --> 00:36:39,430  
friends with other people in the

952  
00:36:44,310 --> 00:36:41,710  
audience that were just waiting to see

953  
00:36:48,690 --> 00:36:44,320  
chip so we took advantage of all those

954  
00:36:51,270 --> 00:36:48,700  
suggestions and we sat down that they're

955  
00:36:53,670 --> 00:36:51,280  
very early it was myself and two other

956  
00:36:55,980 --> 00:36:53,680  
people we had three people that we

957  
00:37:00,000 --> 00:36:55,990  
wanted to reach that were people who who

958  
00:37:02,640 --> 00:37:00,010  
are either alive or do not exist and so

959  
00:37:04,950 --> 00:37:02,650  
we used a lot of our wii u start

960  
00:37:06,690 --> 00:37:04,960  
personality to friend the people in the

961  
00:37:09,300 --> 00:37:06,700  
audience we were very friendly we're

962  
00:37:11,790 --> 00:37:09,310  
very open we talked a lot about what we

963  
00:37:14,820 --> 00:37:11,800

wanted to do and we wanted to reach i

964

00:37:16,830 --> 00:37:14,830

brought five by seven photos of a child

965

00:37:19,970 --> 00:37:16,840

which happened to be my friend sterling

966

00:37:23,130 --> 00:37:19,980

when he was a baby and we were able to

967

00:37:25,230 --> 00:37:23,140

get his attention how is probably what I

968

00:37:29,010 --> 00:37:25,240

should say we wanted to find we want a

969

00:37:33,450 --> 00:37:29,020

chip to call on one of us and report

970

00:37:35,160 --> 00:37:33,460

that he had seen art he was speaking to

971

00:37:37,050 --> 00:37:35,170

our dead spirit that we wanted to

972

00:37:39,390 --> 00:37:37,060

contact that was our goal is to get one

973

00:37:41,670 --> 00:37:39,400

of it alright so you went in there with

974

00:37:43,350 --> 00:37:41,680

the the plan ready and people like

975

00:37:45,810 --> 00:37:43,360

yourself I think that would no doubt

976  
00:37:48,210 --> 00:37:45,820  
would be able to tell when somebody was

977  
00:37:50,760 --> 00:37:48,220  
using well cold reading techniques maybe

978  
00:37:53,970 --> 00:37:50,770  
oh yes definitely i've been following

979  
00:37:56,430 --> 00:37:53,980  
psychics for many many years and it is

980  
00:37:58,320 --> 00:37:56,440  
something that you notice right away

981  
00:38:00,450 --> 00:37:58,330  
when it's a cold reading technique and

982  
00:38:04,050 --> 00:38:00,460  
as he did other readings to people in

983  
00:38:06,540 --> 00:38:04,060  
the audience it was so obvious like one

984  
00:38:10,590 --> 00:38:06,550  
man he asked him who's the man who's

985  
00:38:11,940 --> 00:38:10,600  
jingling coins in his pocket and the man

986  
00:38:15,480 --> 00:38:11,950  
volunteered oh my

987  
00:38:17,250 --> 00:38:15,490  
that's my father's brother so in my mind

988  
00:38:19,560 --> 00:38:17,260

I'm thinking he just threw something

989

00:38:22,890 --> 00:38:19,570

chip just threw something out there and

990

00:38:26,730 --> 00:38:22,900

the man would probably report later that

991

00:38:28,740 --> 00:38:26,740

chip would had gotten his uncle I can

992

00:38:31,260 --> 00:38:28,750

see the man saying and chip coffey got

993

00:38:33,420 --> 00:38:31,270

my uncle but chief coffee didn't get his

994

00:38:35,760 --> 00:38:33,430

uncle chip coffey just threw it out

995

00:38:40,020 --> 00:38:35,770

there and and the gentleman in the

996

00:38:43,800 --> 00:38:40,030

audience made the link he's the one who

997

00:38:45,900 --> 00:38:43,810

made the jump to the uncle and people

998

00:38:48,590 --> 00:38:45,910

tend to miss remember what it is it

999

00:38:52,140 --> 00:38:48,600

actually happened and so that's another

1000

00:38:54,390 --> 00:38:52,150

it was so obvious to us it was it was

1001  
00:38:57,600 --> 00:38:54,400  
very obvious in our opinion that he was

1002  
00:38:59,160 --> 00:38:57,610  
shooting cold reading tactics and you

1003  
00:39:02,400 --> 00:38:59,170  
know just the standard things there was

1004  
00:39:04,050 --> 00:39:02,410  
nothing really original it was just many

1005  
00:39:07,260 --> 00:39:04,060  
statements that I've heard many many

1006  
00:39:09,960 --> 00:39:07,270  
times right and I understand the chip

1007  
00:39:14,130 --> 00:39:09,970  
coffey is a somewhat famous in America

1008  
00:39:16,800 --> 00:39:14,140  
it reappears on television apparently

1009  
00:39:18,770 --> 00:39:16,810  
he's telling us at the show that he just

1010  
00:39:21,360 --> 00:39:18,780  
signed a new contract for a new TV show

1011  
00:39:23,130 --> 00:39:21,370  
that will be appearing and he had to be

1012  
00:39:25,410 --> 00:39:23,140  
quiet about it but he told us that he

1013  
00:39:27,450 --> 00:39:25,420

find a couple days ago when he was in

1014

00:39:29,670 --> 00:39:27,460

Los Angeles so you know we're going to

1015

00:39:32,490 --> 00:39:29,680

be seeing a lot more of him he had a

1016

00:39:34,950 --> 00:39:32,500

show called paranormal state and psychic

1017

00:39:38,160 --> 00:39:34,960

kids oh I've heard of those shows yes

1018

00:39:40,170 --> 00:39:38,170

yes so as the the show progressed Susan

1019

00:39:41,850 --> 00:39:40,180

I understand that he actually didn't

1020

00:39:46,020 --> 00:39:41,860

call on some of you what happened after

1021

00:39:48,660 --> 00:39:46,030

them well he did state that he was going

1022

00:39:51,720 --> 00:39:48,670

to do a technique called hop skip and

1023

00:39:55,320 --> 00:39:51,730

jump which we heard in other psychics

1024

00:39:59,460 --> 00:39:55,330

use calling it hops hopping around or

1025

00:40:01,500 --> 00:39:59,470

that kind of thing it seems to be a way

1026  
00:40:03,530 --> 00:40:01,510  
that they make a general statement to a

1027  
00:40:06,270 --> 00:40:03,540  
group of people maybe 30 people

1028  
00:40:08,340 --> 00:40:06,280  
piggybacking is what it's called some

1029  
00:40:11,310 --> 00:40:08,350  
psychics call it and what that is is

1030  
00:40:15,480 --> 00:40:11,320  
just saying a general statement like I

1031  
00:40:17,070 --> 00:40:15,490  
see a a man jiggling coins in this

1032  
00:40:20,610 --> 00:40:17,080  
pocket does that mean anything to you

1033  
00:40:23,520 --> 00:40:20,620  
and it's his way of saying that it isn't

1034  
00:40:26,010 --> 00:40:23,530  
if it isn't you it's probably the person

1035  
00:40:27,840 --> 00:40:26,020  
who's sitting next to you or the person

1036  
00:40:29,730 --> 00:40:27,850  
in the row ahead of you or the row

1037  
00:40:32,820 --> 00:40:29,740  
behind you it's just kind of a general

1038  
00:40:35,700 --> 00:40:32,830

way of saying that so in case he doesn't

1039

00:40:36,780 --> 00:40:35,710

hit with somebody he's fading face by

1040

00:40:38,760 --> 00:40:36,790

saying oh no it must have been that

1041

00:40:40,830 --> 00:40:38,770

person over there yes no they saw

1042

00:40:42,540 --> 00:40:40,840

something recently said many times we've

1043

00:40:46,230 --> 00:40:42,550

see it you took the words right out of

1044

00:40:48,330 --> 00:40:46,240

my mouth this is a very for those our

1045

00:40:51,420 --> 00:40:48,340

people out there who do performance let

1046

00:40:52,770 --> 00:40:51,430

me just say and who make it look like

1047

00:40:54,000 --> 00:40:52,780

they're talking to the dead this is one

1048

00:40:56,040 --> 00:40:54,010

of the techniques they'll use and

1049

00:40:58,020 --> 00:40:56,050

they'll often say well this is I'm only

1050

00:41:01,500 --> 00:40:58,030

interpreting the messages I get and if I

1051

00:41:03,450 --> 00:41:01,510

if I'm sensing it's in this region of

1052

00:41:05,820 --> 00:41:03,460

the audience maybe its user or user or

1053

00:41:08,460 --> 00:41:05,830

user right it's kind of a way of saving

1054

00:41:11,190 --> 00:41:08,470

face is there talking to you and

1055

00:41:12,600 --> 00:41:11,200

suddenly it doesn't make sense like

1056

00:41:14,580 --> 00:41:12,610

you're not connecting with them anymore

1057

00:41:16,110 --> 00:41:14,590

then he could say well you know what i

1058

00:41:18,060 --> 00:41:16,120

think the spirit is just switched to the

1059

00:41:21,300 --> 00:41:18,070

person next to you does it make any

1060

00:41:24,390 --> 00:41:21,310

sense to you and it's a way of doing

1061

00:41:26,160 --> 00:41:24,400

that so he started out his statement by

1062

00:41:29,070 --> 00:41:26,170

saying i'm going to try to do a hop skip

1063

00:41:31,770 --> 00:41:29,080

and jump right in this area and he's

1064

00:41:34,290 --> 00:41:31,780

pointing to the group i'm in which is

1065

00:41:37,860 --> 00:41:34,300

about 30 people within three four five

1066

00:41:39,660 --> 00:41:37,870

rows from the stage and he has his

1067

00:41:43,440 --> 00:41:39,670

assistant come over with a microphone

1068

00:41:48,960 --> 00:41:43,450

and he said I'm getting an older woman

1069

00:41:51,690 --> 00:41:48,970

who has a child and so I was holding a

1070

00:41:54,270 --> 00:41:51,700

five by seven photo of a child uh-huh as

1071

00:41:56,190 --> 00:41:54,280

I was holding my hand up so he could see

1072

00:41:58,980 --> 00:41:56,200

from the stage that I had a picture of a

1073

00:42:01,260 --> 00:41:58,990

child and I'm nodding my head very

1074

00:42:04,410 --> 00:42:01,270

vigorously and smiling and trying to

1075

00:42:06,360 --> 00:42:04,420

keep from jumping up looking very

1076

00:42:09,110 --> 00:42:06,370

obviously it is my child that he's

1077

00:42:12,960 --> 00:42:09,120

talking about and so he looks at me and

1078

00:42:14,760 --> 00:42:12,970

I'm like that must be my son and then

1079

00:42:17,940 --> 00:42:14,770

the person to my right who's also a

1080

00:42:20,040 --> 00:42:17,950

skeptic says and I have the mother

1081

00:42:22,050 --> 00:42:20,050

figure I know I have the mother figure

1082

00:42:24,780 --> 00:42:22,060

that you're reaching and then the woman

1083

00:42:28,500 --> 00:42:24,790

to my left he's also skeptic she

1084

00:42:33,240 --> 00:42:28,510

volunteers my and my sister died in a

1085

00:42:36,570 --> 00:42:33,250

World Trade sitter search didn't really

1086

00:42:39,090 --> 00:42:36,580

have any choice because we kind of took

1087

00:42:39,370 --> 00:42:39,100

control and said this is this must be

1088

00:42:41,620 --> 00:42:39,380

our

1089

00:42:43,690 --> 00:42:41,630

this must be s that you're talking about

1090

00:42:45,490 --> 00:42:43,700

yes and all the rest of the people in

1091

00:42:47,529 --> 00:42:45,500

the group that is around us we've made

1092

00:42:49,690 --> 00:42:47,539

friends with them before the show

1093

00:42:51,549 --> 00:42:49,700

started and they nobody in the group

1094

00:42:53,440 --> 00:42:51,559

said oh that must be my people or

1095

00:42:57,249 --> 00:42:53,450

anything like that they just kind of

1096

00:43:02,109 --> 00:42:57,259

backed off and and let chip address us

1097

00:43:04,539 --> 00:43:02,119

the man on my right Sheldon he just went

1098

00:43:06,460 --> 00:43:04,549

with it and him and check went back and

1099

00:43:11,140 --> 00:43:06,470

forth and ship was able to get ahold of

1100

00:43:13,900 --> 00:43:11,150

Sheldon's mother and told him about what

1101  
00:43:16,120 --> 00:43:13,910  
kind of personality she has how much she

1102  
00:43:18,999 --> 00:43:16,130  
loved him how much she misses him and

1103  
00:43:21,490 --> 00:43:19,009  
that her death was quick I believe

1104  
00:43:23,289 --> 00:43:21,500  
that's what he said and on and on and on

1105  
00:43:26,769 --> 00:43:23,299  
and Sheldon was just nodding his head

1106  
00:43:29,259 --> 00:43:26,779  
vigorously smiling pretending that you

1107  
00:43:32,559 --> 00:43:29,269  
know he had tears in his eyes and I was

1108  
00:43:35,650 --> 00:43:32,569  
like hugging Sheldon saying oh he's got

1109  
00:43:39,490 --> 00:43:35,660  
you he's got he's got her so then chip

1110  
00:43:42,730 --> 00:43:39,500  
moves to me and he says what's this

1111  
00:43:45,009 --> 00:43:42,740  
about us your son cuz I said it was my

1112  
00:43:47,349 --> 00:43:45,019  
son now that I wanted to reach we died

1113  
00:43:51,759 --> 00:43:47,359

very young he said what's this about

1114

00:43:56,769 --> 00:43:51,769

legs moving very quickly and I said that

1115

00:43:59,559 --> 00:43:56,779

must be because Matthew died by running

1116

00:44:03,789 --> 00:43:59,569

in front of a car in the street Gooden

1117

00:44:06,730 --> 00:44:03,799

and the whole audience discuss ah and so

1118

00:44:08,470 --> 00:44:06,740

I said yes he he died by renting out in

1119

00:44:10,299 --> 00:44:08,480

front of a car and that must be but it

1120

00:44:13,980 --> 00:44:10,309

was because Matthew had so much energy

1121

00:44:16,390 --> 00:44:13,990

and he must have it was very hard to

1122

00:44:18,190 --> 00:44:16,400

contain and you know we were always

1123

00:44:20,200 --> 00:44:18,200

worried about that kind of thing he just

1124

00:44:22,599 --> 00:44:20,210

got out one day and ran in front of car

1125

00:44:24,999 --> 00:44:22,609

and that's how he died and so chip told

1126

00:44:28,960 --> 00:44:25,009

me that he died very quickly there was

1127

00:44:31,809 --> 00:44:28,970

no pain he loves you very much and and

1128

00:44:34,359 --> 00:44:31,819

then he went to the woman on my left her

1129

00:44:36,190 --> 00:44:34,369

name is Jan and she does not have a

1130

00:44:39,160 --> 00:44:36,200

sister who died in the world trade

1131

00:44:44,170 --> 00:44:39,170

center but chip was able to connect with

1132

00:44:48,130 --> 00:44:44,180

her dead sister Linda and see that she

1133

00:44:51,069 --> 00:44:48,140

had not had too much pain in the

1134

00:44:52,930 --> 00:44:51,079

collapse of the tower and that she loved

1135

00:44:56,559 --> 00:44:52,940

Beatles music and

1136

00:44:59,140 --> 00:44:56,569

and oldies and all that kind of thing so

1137

00:45:04,089 --> 00:44:59,150

chip went from one to the other to the

1138

00:45:06,609 --> 00:45:04,099

other and reached all are dead um people

1139

00:45:08,890 --> 00:45:06,619

we wanted to reach and he gave us

1140

00:45:11,440 --> 00:45:08,900

details about what that person was

1141

00:45:15,970 --> 00:45:11,450

saying in spirit and telling us how much

1142

00:45:18,579 --> 00:45:15,980

they loved us and so on so in my opinion

1143

00:45:22,390 --> 00:45:18,589

we got him well I think the guy is very

1144

00:45:23,890 --> 00:45:22,400

telling because you know we might

1145

00:45:25,240 --> 00:45:23,900

suspect all sorts of things about all

1146

00:45:29,710 --> 00:45:25,250

sorts of people and be very skeptical

1147

00:45:32,710 --> 00:45:29,720

but if he has real ability he really was

1148

00:45:38,620 --> 00:45:32,720

connecting with ghostly figures then

1149

00:45:40,569 --> 00:45:38,630

either they're lying to him or maybe he

1150

00:45:45,160 --> 00:45:40,579

really wasn't connecting with ghostly

1151  
00:45:49,300 --> 00:45:45,170  
figures right if he had been truly in my

1152  
00:45:53,230 --> 00:45:49,310  
opinion psychic he would have got on the

1153  
00:45:55,569 --> 00:45:53,240  
stage and said to me I'm not getting a

1154  
00:45:59,609 --> 00:45:55,579  
young child I'm not getting a boy I'm

1155  
00:46:03,220 --> 00:45:59,619  
not getting any of that but I am getting

1156  
00:46:06,609 --> 00:46:03,230  
an old herb and figure father figure or

1157  
00:46:09,910 --> 00:46:06,619  
older mother figure or whatever because

1158  
00:46:12,430 --> 00:46:09,920  
you know I'm 52 years old so it's pretty

1159  
00:46:15,400 --> 00:46:12,440  
likely that i have grandparents that are

1160  
00:46:18,760 --> 00:46:15,410  
not alive if he wants to play it really

1161  
00:46:22,750 --> 00:46:18,770  
safe right so he could not tell but I

1162  
00:46:27,099 --> 00:46:22,760  
was a skeptic that I was lying that I

1163  
00:46:28,839 --> 00:46:27,109

was there fraudulently did per se you

1164

00:46:30,940 --> 00:46:28,849

know I came in with a story that was not

1165

00:46:32,230 --> 00:46:30,950

true he couldn't he didn't seem to be

1166

00:46:34,780 --> 00:46:32,240

able to tell that the spirits weren't

1167

00:46:37,300 --> 00:46:34,790

telling him that and the spirit should

1168

00:46:39,160 --> 00:46:37,310

have told him that there is no I'm not

1169

00:46:41,050 --> 00:46:39,170

getting your sister in the World Trade

1170

00:46:45,010 --> 00:46:41,060

Center I'm not time for some reason I

1171

00:46:48,069 --> 00:46:45,020

can't get that but I am getting an aunt

1172

00:46:49,540 --> 00:46:48,079

or an uncle or a mother or a grandfather

1173

00:46:51,790 --> 00:46:49,550

or something like that somebody who

1174

00:46:54,160 --> 00:46:51,800

really had died for some reason he is

1175

00:46:57,819 --> 00:46:54,170

unable to tell the difference between

1176

00:47:01,359 --> 00:46:57,829

somebody who's lying and somebody who

1177

00:47:03,370 --> 00:47:01,369

you know possibly isn't and he was able

1178

00:47:06,160 --> 00:47:03,380

to connect very quickly too many people

1179

00:47:06,830 --> 00:47:06,170

in the audience in fact he was very able

1180

00:47:12,380 --> 00:47:06,840

to

1181

00:47:15,770 --> 00:47:12,390

it didn't seem like he didn't have any

1182

00:47:17,990 --> 00:47:15,780

any trouble whatsoever connecting with

1183

00:47:19,880 --> 00:47:18,000

spirit that night at all he didn't seem

1184

00:47:22,130 --> 00:47:19,890

to be having a bad night where he said

1185

00:47:23,540 --> 00:47:22,140

I'm not really getting anything tonight

1186

00:47:26,510 --> 00:47:23,550

this is just one of these bad nights

1187

00:47:29,600 --> 00:47:26,520

know you he had no problem connecting

1188

00:47:33,320 --> 00:47:29,610

well I think Susan I think you have

1189

00:47:36,290 --> 00:47:33,330

certainly given us all good reason to be

1190

00:47:42,110 --> 00:47:36,300

skeptical in this situation now what

1191

00:47:43,520 --> 00:47:42,120

what's the next move well we have a team

1192

00:47:47,150 --> 00:47:43,530

of people who have worked on this

1193

00:47:48,860 --> 00:47:47,160

project for months we're going to get

1194

00:47:52,040 --> 00:47:48,870

the information out there of what we

1195

00:47:53,960 --> 00:47:52,050

actually found what we learned that kind

1196

00:47:56,030 --> 00:47:53,970

of thing because what we want is we want

1197

00:47:58,490 --> 00:47:56,040

to see if other skeptic groups want to

1198

00:48:01,640 --> 00:47:58,500

replicate what we've done maybe not with

1199

00:48:04,190 --> 00:48:01,650

this specific person chip coffey but we

1200

00:48:07,010 --> 00:48:04,200

want to replicate it with other psychics

1201  
00:48:08,900 --> 00:48:07,020  
the techniques that we used which were

1202  
00:48:12,860 --> 00:48:08,910  
much more extensive than what we did

1203  
00:48:15,590 --> 00:48:12,870  
that i'm reporting right now are things

1204  
00:48:18,380 --> 00:48:15,600  
that could be used all over the world in

1205  
00:48:20,030 --> 00:48:18,390  
many situations if people want to

1206  
00:48:22,040 --> 00:48:20,040  
contact me and get more information

1207  
00:48:25,760 --> 00:48:22,050  
because they're skeptic group want to

1208  
00:48:28,550 --> 00:48:25,770  
try something oh and wants me to advise

1209  
00:48:31,010 --> 00:48:28,560  
them or help guide them or lead a team

1210  
00:48:33,680 --> 00:48:31,020  
to do this they can reach me at Susan

1211  
00:48:36,590 --> 00:48:33,690  
garba calm get more information by

1212  
00:48:38,600 --> 00:48:36,600  
reading the blogs and the articles that

1213  
00:48:41,180 --> 00:48:38,610

have been about to be coming out on this

1214

00:48:42,890 --> 00:48:41,190

sting that we did alright well that's

1215

00:48:44,570 --> 00:48:42,900

the information folks if you want to

1216

00:48:46,550 --> 00:48:44,580

find out more about this operation or

1217

00:48:49,160 --> 00:48:46,560

get some advice from Susan robic I think

1218

00:48:55,040 --> 00:48:49,170

it's a very worthwhile thing Susan garba

1219

00:48:57,740 --> 00:48:55,050

calm that's s USA nger be icy calm Susan

1220

00:48:59,810 --> 00:48:57,750

go back thank you again for getting out

1221

00:49:02,360 --> 00:48:59,820

there and being very active as you are

1222

00:49:05,150 --> 00:49:02,370

thank you I must say for helping to

1223

00:49:09,440 --> 00:49:05,160

coordinate the wonderful project which

1224

00:49:11,060 --> 00:49:09,450

is putting the the captions on in

1225

00:49:13,700 --> 00:49:11,070

different languages on the vaccination

1226  
00:49:15,860 --> 00:49:13,710  
Chronicles video on YouTube that was a

1227  
00:49:16,460 --> 00:49:15,870  
largely due to your efforts that came

1228  
00:49:18,740 --> 00:49:16,470  
about and

1229  
00:49:21,230 --> 00:49:18,750  
I'm very grateful indeed well thank you

1230  
00:49:22,460 --> 00:49:21,240  
Richard we really wanted to help out and

1231  
00:49:25,339 --> 00:49:22,470  
this is just a different way of doing

1232  
00:49:27,620 --> 00:49:25,349  
outreach we feel that the vaccination

1233  
00:49:30,770 --> 00:49:27,630  
video that you put out was extremely

1234  
00:49:36,200 --> 00:49:30,780  
informative and very valuable and it's

1235  
00:49:37,970 --> 00:49:36,210  
too important not to have other you know

1236  
00:49:40,849 --> 00:49:37,980  
skeptic groups being able to put this

1237  
00:49:42,800 --> 00:49:40,859  
video out science groups into other

1238  
00:49:44,599 --> 00:49:42,810

languages it's really important to us to

1239

00:49:47,720 --> 00:49:44,609

get the message out that in vaccination

1240

00:49:49,970 --> 00:49:47,730

czar very important well yes again and

1241

00:49:51,920 --> 00:49:49,980

thank you so much it's a it's a great

1242

00:49:54,200 --> 00:49:51,930

worldwide effort I think and that gives

1243

00:49:56,000 --> 00:49:54,210

me a good feeling well Susan I I think

1244

00:49:58,030 --> 00:49:56,010

we should catch up soon to see how this

1245

00:50:01,010 --> 00:49:58,040

story progresses in any ramifications

1246

00:50:02,960 --> 00:50:01,020

but for now and with thanks again to the

1247

00:50:05,390 --> 00:50:02,970

wonderful painting chan who gave me the

1248

00:50:08,150 --> 00:50:05,400

inside scoop the inside tip for this in

1249

00:50:24,040 --> 00:50:08,160

interview Susan go back from California

1250

00:50:28,280 --> 00:50:26,390

astronomy cast who takes a fact space

1251  
00:50:30,170 --> 00:50:28,290  
journey through the cosmos as it offers

1252  
00:50:32,870 --> 00:50:30,180  
listeners weekly discussions on

1253  
00:50:35,780 --> 00:50:32,880  
astronomical topics ranging from planets

1254  
00:50:38,060 --> 00:50:35,790  
to cosmology hosted by Fraser Cain of

1255  
00:50:39,079 --> 00:50:38,070  
Universe Today and myself dr. Pamela

1256  
00:50:41,750 --> 00:50:39,089  
gave southern illinois university

1257  
00:50:43,609 --> 00:50:41,760  
edwardsville this show brings the

1258  
00:50:46,070 --> 00:50:43,619  
questions of an avid astronomy lover

1259  
00:50:48,140 --> 00:50:46,080  
directly to an astronomer together

1260  
00:50:49,700 --> 00:50:48,150  
Fraser and I explore what is known and

1261  
00:50:52,460 --> 00:50:49,710  
being discovered about the universe

1262  
00:50:54,530 --> 00:50:52,470  
around us join us each week as we take a

1263  
00:51:03,049 --> 00:50:54,540

fax space journey through the cosmos at

1264

00:51:11,370 --> 00:51:07,799

here's my not spooky action at a

1265

00:51:16,240 --> 00:51:13,599

Richard Richard dr. Saunders it's made

1266

00:51:17,560 --> 00:51:16,250

out here he may not how you going look

1267

00:51:20,980 --> 00:51:17,570

at urban all right look I'm just reading

1268

00:51:23,109 --> 00:51:20,990

this this paper now reversible plastic

1269

00:51:25,660 --> 00:51:23,119

events in amorphous materials by M

1270

00:51:28,180 --> 00:51:25,670

lundberg in 2008 I'm just wondering if

1271

00:51:29,890 --> 00:51:28,190

you've ever read that paper oh I haven't

1272

00:51:32,260 --> 00:51:29,900

caught up with that one yet may not know

1273

00:51:34,990 --> 00:51:32,270

ah its peer reviewed it apparently it's

1274

00:51:37,569 --> 00:51:35,000

real science and do know how I got there

1275

00:51:39,700 --> 00:51:37,579

Richard I want to know Maynard I want to

1276

00:51:41,470 --> 00:51:39,710

know well then we all know that the well

1277

00:51:43,420 --> 00:51:41,480

I have to put the word controversial far

1278

00:51:46,780 --> 00:51:43,430

be slammed out the controversial Michael

1279

00:51:49,480 --> 00:51:46,790

Shermer has written in and said that the

1280

00:51:52,089 --> 00:51:49,490

paranormal is a gateway drug to science

1281

00:51:54,280 --> 00:51:52,099

how do you feel about that the

1282

00:51:57,099 --> 00:51:54,290

paranormal is a gateway drug to science

1283

00:51:59,349 --> 00:51:57,109

yeah and you magic to actual science it

1284

00:52:01,510 --> 00:51:59,359

could be it could be you know what in

1285

00:52:03,430 --> 00:52:01,520

some respects it was for me because when

1286

00:52:05,380 --> 00:52:03,440

I was younger I was certainly interested

1287

00:52:08,470 --> 00:52:05,390

in the paranormal but that interest

1288

00:52:10,210 --> 00:52:08,480

evolved I might say over the years into

1289

00:52:12,300 --> 00:52:10,220

an interest in science when i discovered

1290

00:52:16,510 --> 00:52:12,310

the science was a well a bit more

1291

00:52:18,280 --> 00:52:16,520

satisfying oh just this week i watched

1292

00:52:20,740 --> 00:52:18,290

two different shows of a very different

1293

00:52:23,950 --> 00:52:20,750

type i watched an episode from episode 8

1294

00:52:25,390 --> 00:52:23,960

cosmos insist on sisters of the Sun that

1295

00:52:27,400 --> 00:52:25,400

was the one about all these women that

1296

00:52:30,040 --> 00:52:27,410

did work in astrophysics and astronomy

1297

00:52:32,740 --> 00:52:30,050

that we never heard about I remember

1298

00:52:35,230 --> 00:52:32,750

that episode yes they would mapping the

1299

00:52:37,809 --> 00:52:35,240

sea at the stars camera there was a

1300

00:52:39,970 --> 00:52:37,819

henrietta leavitt i believe any cannons

1301  
00:52:43,450 --> 00:52:39,980  
Cecilia Payne and Cecilia paid extra did

1302  
00:52:45,370 --> 00:52:43,460  
PhD i think i'm still at atmospheres

1303  
00:52:49,240 --> 00:52:45,380  
which is described as the most brilliant

1304  
00:52:51,490 --> 00:52:49,250  
thesis ever written in astronomy wow

1305  
00:52:53,770 --> 00:52:51,500  
that reminds me of our very good friend

1306  
00:52:55,990 --> 00:52:53,780  
dr. pamela gay who studies variable

1307  
00:52:58,870 --> 00:52:56,000  
stars all right like like ones that

1308  
00:53:01,089 --> 00:52:58,880  
might do something or might not well

1309  
00:53:04,089 --> 00:53:01,099  
they vary in brightness and intensity

1310  
00:53:06,780 --> 00:53:04,099  
you see they're not static well well

1311  
00:53:09,010 --> 00:53:06,790  
does my favorite one is Betelgeuse

1312  
00:53:10,540 --> 00:53:09,020  
didn't they named it was that named

1313  
00:53:12,579 --> 00:53:10,550

after the movie or was the movie named

1314

00:53:13,930 --> 00:53:12,589

after it I don't know either but it's

1315

00:53:15,280 --> 00:53:13,940

one of the big ones it's not one of the

1316

00:53:16,870 --> 00:53:15,290

biggest stars it's getting me it's

1317

00:53:18,550 --> 00:53:16,880

bigger than our Sun but it's a big one

1318

00:53:21,370 --> 00:53:18,560

there and I've got a lot out of it and

1319

00:53:23,650 --> 00:53:21,380

I'm good up on a bit on astronomy but

1320

00:53:23,920 --> 00:53:23,660

the very same knife i sat down and you

1321

00:53:25,930 --> 00:53:23,930

know

1322

00:53:28,330 --> 00:53:25,940

I do enjoy her to the ancient aliens

1323

00:53:29,650 --> 00:53:28,340

which I have heard you do may nod you

1324

00:53:32,200 --> 00:53:29,660

know I tried to watch some of the

1325

00:53:35,170 --> 00:53:32,210

ancient aliens and I didn't get too far

1326

00:53:37,030 --> 00:53:35,180

well look like you did a series 6 and

1327

00:53:41,020 --> 00:53:37,040

I've got to say how many series is Cosmo

1328

00:53:43,330 --> 00:53:41,030

Scott one ancient aliens 6 series 6

1329

00:53:46,210 --> 00:53:43,340

episode 12 this one's about aliens and

1330

00:53:48,250 --> 00:53:46,220

stargates region aliens and stargates

1331

00:53:50,230 --> 00:53:48,260

yeah and it's immediately their heavy

1332

00:53:51,490 --> 00:53:50,240

cook there I was going okay right of

1333

00:53:53,620 --> 00:53:51,500

course you know I'm taking it with the

1334

00:53:55,750 --> 00:53:53,630

as mr. so it gives his grain of salt and

1335

00:53:56,950 --> 00:53:55,760

instinct and they have a straight into

1336

00:53:58,930 --> 00:53:56,960

it with some fit they were at a

1337

00:54:00,700 --> 00:53:58,940

physicist there Michael Dennin now I

1338

00:54:03,580 --> 00:54:00,710

don't know if he's considered to be a

1339

00:54:05,110 --> 00:54:03,590

proper physicist or not but apparently

1340

00:54:07,480 --> 00:54:05,120

he's got the doctrine he's got a

1341

00:54:09,460 --> 00:54:07,490

doctorate in physics and he was talking

1342

00:54:11,890 --> 00:54:09,470

about he brought up the whole thing of

1343

00:54:14,560 --> 00:54:11,900

exotic matter with negative mass being

1344

00:54:16,420 --> 00:54:14,570

able to power at the wall wormhole now

1345

00:54:18,490 --> 00:54:16,430

immediately I was going okay what is

1346

00:54:19,960 --> 00:54:18,500

exotic matter what does something with

1347

00:54:22,920 --> 00:54:19,970

negative mass and I had to go look these

1348

00:54:26,710 --> 00:54:22,930

things up yeah had to pause the tape and

1349

00:54:28,150 --> 00:54:26,720

I have absolutely no idea but then i can

1350

00:54:30,640 --> 00:54:28,160

send look look just as I don't know what

1351

00:54:31,930 --> 00:54:30,650

exact matter is I will power on and that

1352

00:54:33,850 --> 00:54:31,940

brought us through the perhaps they were

1353

00:54:35,440 --> 00:54:33,860

talking about propulsion in terms of

1354

00:54:38,590 --> 00:54:35,450

quantum entanglement now we all know

1355

00:54:41,230 --> 00:54:38,600

what quantum entangle called by Einstein

1356

00:54:43,290 --> 00:54:41,240

don't we oh don't tell me mean I don't

1357

00:54:45,550 --> 00:54:43,300

tell me could it be spooky action

1358

00:54:47,290 --> 00:54:45,560

correct and if they were talking about

1359

00:54:49,540 --> 00:54:47,300

how all that matter out there has a

1360

00:54:51,520 --> 00:54:49,550

local effect upon matter here and I

1361

00:54:53,800 --> 00:54:51,530

thought hang on a minute what does that

1362

00:54:57,190 --> 00:54:53,810

sound like other that before that sounds

1363

00:54:58,780 --> 00:54:57,200

a little bit like astrology Richard it

1364

00:55:00,850 --> 00:54:58,790

doesn't a little a doesn't it may not

1365

00:55:04,750 --> 00:55:00,860

because the idea behind astrologer is

1366

00:55:07,210 --> 00:55:04,760

that bodies in space especially stars

1367

00:55:09,520 --> 00:55:07,220

that which are many many many

1368

00:55:12,910 --> 00:55:09,530

light-years away have a direct influence

1369

00:55:14,410 --> 00:55:12,920

on us here on earth that's right so I

1370

00:55:16,330 --> 00:55:14,420

thought that I thought okay so I thought

1371

00:55:17,560 --> 00:55:16,340

I'll go with that matter guy I think it

1372

00:55:20,200 --> 00:55:17,570

might be Michael assault showing off a

1373

00:55:21,840 --> 00:55:20,210

bit of an engine that basically if it

1374

00:55:25,240 --> 00:55:21,850

went back and forth back and forth

1375

00:55:29,020 --> 00:55:25,250

inside itself it could move forward in a

1376

00:55:30,070 --> 00:55:29,030

vacuum nanometer which I thought well

1377

00:55:32,050 --> 00:55:30,080

that's not a particularly effective

1378

00:55:34,570 --> 00:55:32,060

propulsion my Volkswagen could do better

1379

00:55:36,819 --> 00:55:34,580

than that but so again it's in I think

1380

00:55:38,440 --> 00:55:36,829

i'm missing something here I'm

1381

00:55:40,989 --> 00:55:38,450

okay we may be having what they call

1382

00:55:42,489 --> 00:55:40,999

junk science here so okay I'm going to

1383

00:55:45,459 --> 00:55:42,499

look up the work of Michael denim and

1384

00:55:47,799 --> 00:55:45,469

that's where I found myself reading the

1385

00:55:50,049 --> 00:55:47,809

paper reversible plastic events in

1386

00:55:53,199 --> 00:55:50,059

amorphous materials by M Warren Berg in

1387

00:55:54,880 --> 00:55:53,209

2008 and I haven't got a clue what it

1388

00:55:57,130 --> 00:55:54,890

bends so I'm just not quite sure because

1389

00:56:00,640 --> 00:55:57,140

I've actually found the paranormal as a

1390

00:56:02,680 --> 00:56:00,650

gateway into real science but haven't

1391

00:56:04,299 --> 00:56:02,690

got a clue what I'm reading now this

1392

00:56:06,309 --> 00:56:04,309

happened to me before once with dr.

1393

00:56:08,499 --> 00:56:06,319

Rachel now I'm every night um I went

1394

00:56:09,849 --> 00:56:08,509

because you wouldn't go and dr. H II

1395

00:56:12,459 --> 00:56:09,859

wouldn't go because punches will be

1396

00:56:14,289 --> 00:56:12,469

thrown if she went and that anti-vaccine

1397

00:56:16,479 --> 00:56:14,299

movie made in America or something like

1398

00:56:18,370 --> 00:56:16,489

that I think of her I learned along to

1399

00:56:19,930 --> 00:56:18,380

that I went along to that to have a good

1400

00:56:22,599 --> 00:56:19,940

look and see what was going on and that

1401

00:56:25,209 --> 00:56:22,609

they kept going this is in pubmed this

1402

00:56:26,620 --> 00:56:25,219

is in pubmed look it up in pubmed so of

1403

00:56:28,989 --> 00:56:26,630

course i went looked up all this stuff

1404

00:56:31,449 --> 00:56:28,999

they were planning in pubmed and you get

1405

00:56:33,459 --> 00:56:31,459

as a layman reading this stuff you get

1406

00:56:37,029 --> 00:56:33,469

two sentences in and you get bamboozled

1407

00:56:38,709 --> 00:56:37,039

by big words and some of the words mean

1408

00:56:40,349 --> 00:56:38,719

the opposite of each other and i

1409

00:56:42,880 --> 00:56:40,359

remember ringing dr. HD and i was it

1410

00:56:45,009 --> 00:56:42,890

dreadfully confused so sometimes you

1411

00:56:46,749 --> 00:56:45,019

just have to give in to the experts but

1412

00:56:49,180 --> 00:56:46,759

i will agree that actually the

1413

00:56:50,680 --> 00:56:49,190

paranormal and the hokey-pokey can get

1414

00:56:52,120 --> 00:56:50,690

you into real science the problem is

1415

00:56:53,229 --> 00:56:52,130

that most of the time you won't know

1416

00:56:54,789 --> 00:56:53,239

what the hell you're really unless

1417

00:56:57,249 --> 00:56:54,799

you've actually gone to university for

1418

00:56:59,680 --> 00:56:57,259

longer than the day I was there well I

1419

00:57:02,410 --> 00:56:59,690

guess me now do you try to jump in at

1420

00:57:04,390 --> 00:57:02,420

the deep end so to speak well the hell

1421

00:57:06,489 --> 00:57:04,400

is but how was he gonna do it I can't

1422

00:57:09,880 --> 00:57:06,499

sit there watching ancient aliens and

1423

00:57:11,739 --> 00:57:09,890

not know how a wormhole works and while

1424

00:57:13,120 --> 00:57:11,749

on that topic too I believe please

1425

00:57:14,890 --> 00:57:13,130

skeptics guide to the universe people

1426  
00:57:17,589 --> 00:57:14,900  
will be coming within range of my voice

1427  
00:57:20,199 --> 00:57:17,599  
fairly shortly they will look at this of

1428  
00:57:21,579 --> 00:57:20,209  
them I'm tapping the table because I've

1429  
00:57:23,410 --> 00:57:21,589  
got a bone to pick with them they are

1430  
00:57:26,199 --> 00:57:23,420  
milk that got always dump it on there

1431  
00:57:28,900 --> 00:57:26,209  
always taken the big poop on dr. michio

1432  
00:57:30,670 --> 00:57:28,910  
kaku from a physicist from New York

1433  
00:57:33,549 --> 00:57:30,680  
because you know he hedges his bets

1434  
00:57:35,799 --> 00:57:33,559  
because he says there may be UFOs he

1435  
00:57:38,589 --> 00:57:35,809  
says but you know we maybe I would make

1436  
00:57:41,019 --> 00:57:38,599  
a wormhole he uses words like that and

1437  
00:57:42,189 --> 00:57:41,029  
you know apparently but Rebecca's just

1438  
00:57:44,019 --> 00:57:42,199

had enough of that kind of stuff and

1439

00:57:46,359 --> 00:57:44,029

like he's in big trouble if those that

1440

00:57:48,450 --> 00:57:46,369

it'll be like matter and antimatter if

1441

00:57:50,190 --> 00:57:48,460

the skeptic got inverse people

1442

00:57:51,839 --> 00:57:50,200

dr. michio kaku in the same room

1443

00:57:53,070 --> 00:57:51,849

there'll be an explosion but I'm getting

1444

00:57:54,839 --> 00:57:53,080

offended in fact I've you have to get a

1445

00:57:57,660 --> 00:57:54,849

t-shirt with a big photo of it eating

1446

00:57:59,339 --> 00:57:57,670

and take on oh wow you going to do that

1447

00:58:01,230 --> 00:57:59,349

and turn up at the skeptics guide to the

1448

00:58:03,780 --> 00:58:01,240

others i was because i would like to

1449

00:58:06,750 --> 00:58:03,790

completely defend him and be slammed

1450

00:58:09,420 --> 00:58:06,760

down by their wit and intelligence I cuz

1451

00:58:11,940 --> 00:58:09,430

I'm Nicole I am you know may not your

1452

00:58:13,859 --> 00:58:11,950

dream just might come true sometimes a

1453

00:58:16,650 --> 00:58:13,869

futile gesture is needed and I've just

1454

00:58:18,420 --> 00:58:16,660

the guide and do it Richard well at

1455

00:58:19,950 --> 00:58:18,430

least may not there's something I mean

1456

00:58:23,040 --> 00:58:19,960

when you are bamboozled by these

1457

00:58:25,770 --> 00:58:23,050

academic papers as am i of course I mean

1458

00:58:27,480 --> 00:58:25,780

I'm not a trained scientist at least we

1459

00:58:28,770 --> 00:58:27,490

know that there are trained scientists

1460

00:58:30,900 --> 00:58:28,780

out there and you know what we can

1461

00:58:33,329 --> 00:58:30,910

approach them that's right that's right

1462

00:58:36,420 --> 00:58:33,339

now a human may actually going to go see

1463

00:58:37,800 --> 00:58:36,430

some ghosts next weekend who you are we

1464

00:58:39,530 --> 00:58:37,810

are Maynard we're going to go to the

1465

00:58:42,030 --> 00:58:39,540

paranormal convention now there's more

1466

00:58:44,370 --> 00:58:42,040

details at the end of this episode about

1467

00:58:46,290 --> 00:58:44,380

the paranormal convention coming up i'll

1468

00:58:48,540 --> 00:58:46,300

be speaking there and you'll be speaking

1469

00:58:51,810 --> 00:58:48,550

at people there may be speaking at a

1470

00:58:54,150 --> 00:58:51,820

ghost ok don't put the quick black of

1471

00:58:56,790 --> 00:58:54,160

the manor condo you wear this interview

1472

00:58:58,190 --> 00:58:56,800

with danny elfman from nadi an anon

1473

00:59:00,270 --> 00:58:58,200

though did you be good if a family

1474

00:59:02,280 --> 00:59:00,280

soundtrack work that Danny off one's

1475

00:59:05,700 --> 00:59:02,290

done it would Scissorhands Batman just a

1476

00:59:07,650 --> 00:59:05,710

name a few what classics absolutes

1477

00:59:09,900 --> 00:59:07,660

classic in fact I was really taken with

1478

00:59:11,700 --> 00:59:09,910

it Edward Scissorhands generally when it

1479

00:59:13,920 --> 00:59:11,710

came out I I thought that was a very

1480

00:59:16,530 --> 00:59:13,930

interesting movie Vincent prices last

1481

00:59:19,710 --> 00:59:16,540

movie and Tom Jones even had a tracking

1482

00:59:21,000 --> 00:59:19,720

I don't remember that I've heard it I'm

1483

00:59:22,740 --> 00:59:21,010

pretty sure he did in there that's

1484

00:59:25,109 --> 00:59:22,750

what's all I need to know so that that's

1485

00:59:27,900 --> 00:59:25,119

where I at this point in time it's going

1486

00:59:31,109 --> 00:59:27,910

to a book here called the big small it's

1487

00:59:33,720 --> 00:59:31,119

all about it's from Stephen Martin Java

1488

00:59:36,000 --> 00:59:33,730

go Goldstein and Robert junio knee it's

1489

00:59:38,400 --> 00:59:36,010

all about tongue instead of how trying

1490

00:59:41,280 --> 00:59:38,410

to convert people or bring people round

1491

00:59:42,930 --> 00:59:41,290

to an idea with a big idea yeah but

1492

00:59:44,700 --> 00:59:42,940

you're better off doing it with a whole

1493

00:59:46,500 --> 00:59:44,710

bunch of small ones like don't get

1494

00:59:48,630 --> 00:59:46,510

people to promise that they'll be a good

1495

00:59:50,609 --> 00:59:48,640

person for the rest of their life just

1496

00:59:54,240 --> 00:59:50,619

asking that they won't steal stuff

1497

00:59:55,560 --> 00:59:54,250

tomorrow start small you say mean yeah

1498

00:59:57,000 --> 00:59:55,570

something like that and I think that

1499

00:59:58,410 --> 00:59:57,010

there's something that physics too

1500

01:00:00,030 --> 00:59:58,420

because a lot of people launching the

1501  
01:00:01,770 --> 01:00:00,040  
online chat rooms and try and change

1502  
01:00:05,040 --> 01:00:01,780  
people's minds in an evening

1503  
01:00:06,450 --> 01:00:05,050  
and it always ends in tears it does it

1504  
01:00:09,210 --> 01:00:06,460  
does and it's a very good points you

1505  
01:00:11,820 --> 01:00:09,220  
make there are you can change people's

1506  
01:00:13,860 --> 01:00:11,830  
minds but don't expect to do it in one

1507  
01:00:16,650 --> 01:00:13,870  
go it's just there it's pretty rare it's

1508  
01:00:18,750 --> 01:00:16,660  
a book I recommend the small big it's

1509  
01:00:22,200 --> 01:00:18,760  
called the small single big small

1510  
01:00:24,300 --> 01:00:22,210  
changes that spark big influence it

1511  
01:00:26,490 --> 01:00:24,310  
sounds like a good recommendation may

1512  
01:00:27,930 --> 01:00:26,500  
not oh yeah oh yeah they've also got a

1513  
01:00:30,210 --> 01:00:27,940

big thick book you about this is how

1514

01:00:32,160 --> 01:00:30,220

thick innocent oh and that's so thick

1515

01:00:34,860 --> 01:00:32,170

that's a big thick book that's all about

1516

01:00:36,840 --> 01:00:34,870

the life of Queen Victoria and I'm just

1517

01:00:38,280 --> 01:00:36,850

going on you know I've been through the

1518

01:00:40,110 --> 01:00:38,290

first three hundred pages it doesn't

1519

01:00:42,660 --> 01:00:40,120

mention anything about the disco period

1520

01:00:44,790 --> 01:00:42,670

what what what what about the aliens I

1521

01:00:47,220 --> 01:00:44,800

mean come on nah there's nothing that

1522

01:00:48,660 --> 01:00:47,230

tortured in there at all ah I was

1523

01:00:51,110 --> 01:00:48,670

waiting for that of course I'll be

1524

01:00:54,330 --> 01:00:51,120

anticipating this manga not be reviled

1525

01:00:57,090 --> 01:00:54,340

me maybe it's it's just at all a

1526

01:00:58,440 --> 01:00:57,100

conspiracy look I'll let you go because

1527

01:01:01,470 --> 01:00:58,450

you've actually got a proper show put

1528

01:01:04,380 --> 01:01:01,480

together Hirogen Maynard where would we

1529

01:01:07,530 --> 01:01:04,390

be without your insights probably better

1530

01:01:09,360 --> 01:01:07,540

off I'd say you're probably right well

1531

01:01:11,490 --> 01:01:09,370

I'm going to head back and rip watch the

1532

01:01:12,600 --> 01:01:11,500

more cost more sense more ancient aliens

1533

01:01:14,460 --> 01:01:12,610

if anyone's got thing kept their

1534

01:01:17,250 --> 01:01:14,470

favorite episode 4 is let us know get

1535

01:01:19,950 --> 01:01:17,260

contact us on the zone thank you may

1536

01:01:42,420 --> 01:01:19,960

know at the that may not signing off

1537

01:01:46,510 --> 01:01:44,830

thank you for listening to the skeptic

1538

01:01:48,910 --> 01:01:46,520

zone wow what a packed episode it was

1539

01:01:51,160 --> 01:01:48,920

this week yes don't forget I'll be

1540

01:01:53,470 --> 01:01:51,170

appearing at the Australian paranormal

1541

01:01:55,180 --> 01:01:53,480

and spiritual Expo and I think Maynard's

1542

01:01:58,360 --> 01:01:55,190

going to be there too which is fantastic

1543

01:02:02,140 --> 01:01:58,370

other skeptics own reporters may well be

1544

01:02:05,350 --> 01:02:02,150

there hopefully Joe alabaster oh that

1545

01:02:07,480 --> 01:02:05,360

would be nice and other skeptics to of

1546

01:02:09,940 --> 01:02:07,490

course who will be there at the

1547

01:02:12,190 --> 01:02:09,950

Australian skeptics table to answer your

1548

01:02:16,990 --> 01:02:12,200

questions and give you more information

1549

01:02:18,610 --> 01:02:17,000

I may even bend a spoon or to hell if

1550

01:02:22,180 --> 01:02:18,620

you're lucky I'll fold you an origami

1551

01:02:25,750 --> 01:02:22,190

Pegasus I'll put the link on the show

1552

01:02:30,490 --> 01:02:25,760

notes but it's ww Australian paranormal

1553

01:02:32,860 --> 01:02:30,500

and spiritual expo com I you well I'm

1554

01:02:35,050 --> 01:02:32,870

going to need all my wits about me for

1555

01:02:37,240 --> 01:02:35,060

that I am sure I better start working on

1556

01:02:40,000 --> 01:02:37,250

my talk well I've almost finished my

1557

01:02:41,950 --> 01:02:40,010

talk really and I'm also going to be

1558

01:02:45,160 --> 01:02:41,960

giving another talk later on in the year

1559

01:02:46,390 --> 01:02:45,170

in Canberra I had the tenth of december

1560

01:02:48,190 --> 01:02:46,400

i think i'll be in canberra to give

1561

01:02:50,560 --> 01:02:48,200

another talk but more information about

1562

01:02:52,810 --> 01:02:50,570

that in the coming months but for this

1563

01:02:58,720 --> 01:02:52,820

week this is Richard Saunders signing

1564

01:03:01,120 --> 01:02:58,730

off from Sydney Australia you've been

1565

01:03:05,980 --> 01:03:01,130

listening to the skeptic zone

1566

01:03:09,009 --> 01:03:05,990

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