

The Skeptic Zone

Show 205 - 22 Sep 2012



Benjamin Radford

1
00:00:27,670 --> 00:00:09,110
welcome to the skeptic zone the podcast

2
00:00:34,220 --> 00:00:30,169
hello and welcome to the flight path

3
00:00:36,020 --> 00:00:34,230
zone there goes another one Richard

4
00:00:38,990 --> 00:00:36,030
Saunders here with you from Sydney

5
00:00:41,990 --> 00:00:39,000
Australia now it's episode number 205 of

6
00:00:44,840 --> 00:00:42,000
the skeptic zone podcast for the 22nd of

7
00:00:48,020 --> 00:00:44,850
sep tember as another aircraft

8
00:00:49,459 --> 00:00:48,030
disappears this is a temp number 48 of

9
00:00:51,770 --> 00:00:49,469
trying to do this intro because every

10
00:00:53,840 --> 00:00:51,780
time I do it an aircraft flies over but

11
00:00:55,760 --> 00:00:53,850
you know what I've given up let's just

12
00:00:58,250 --> 00:00:55,770
get on with it thank you to all those

13
00:01:00,920 --> 00:00:58,260

people who donated chipped in to help me

14

00:01:02,720 --> 00:01:00,930

buy some software I need to finish the

15

00:01:05,810 --> 00:01:02,730

vaccination chronicles the new

16

00:01:07,969 --> 00:01:05,820

documentary I'm working on almost reach

17

00:01:10,190 --> 00:01:07,979

my goal and of course that is enough for

18

00:01:13,429 --> 00:01:10,200

me to get that software upgrade it's

19

00:01:15,649 --> 00:01:13,439

it's a wonderful example of listeners

20

00:01:18,289 --> 00:01:15,659

chipping in to really help and when that

21

00:01:21,230 --> 00:01:18,299

documentary comes out those listeners

22

00:01:23,630 --> 00:01:21,240

who did help your names will be in the

23

00:01:25,820 --> 00:01:23,640

credit as a special thank you it means a

24

00:01:28,910 --> 00:01:25,830

lot and it also means a lot to me to

25

00:01:30,859 --> 00:01:28,920

know that every now and then when I

26

00:01:34,219 --> 00:01:30,869

think it's necessary my listeners are

27

00:01:36,440 --> 00:01:34,229

ready to come to the age of the party so

28

00:01:38,359 --> 00:01:36,450

to speak and really help thank you again

29

00:01:41,359 --> 00:01:38,369

but on to this week's show before

30

00:01:43,760 --> 00:01:41,369

another plane comes over we're going to

31

00:01:46,850 --> 00:01:43,770

have a wonderfully long interview that

32

00:01:49,999 --> 00:01:46,860

our friend may not conducted a tam Las

33

00:01:53,630 --> 00:01:50,009

Vegas with Ben Radford now been Radford

34

00:01:56,450 --> 00:01:53,640

what an adventurous life he has folks he

35

00:01:58,520 --> 00:01:56,460

really is one of those investigators who

36

00:02:01,340 --> 00:01:58,530

gets out there and looks under the bed

37

00:02:03,109 --> 00:02:01,350

and looks behind the door and goes out

38

00:02:06,139 --> 00:02:03,119

investigating in person interviews

39

00:02:09,589 --> 00:02:06,149

people travels far and wide to get to

40

00:02:12,440 --> 00:02:09,599

the bottom of mysteries oh here comes

41

00:02:13,599 --> 00:02:12,450

another one wow really is flight path

42

00:02:16,399 --> 00:02:13,609

time

43

00:02:18,709 --> 00:02:16,409

anyway Ben Radford a wonderful interview

44

00:02:20,690 --> 00:02:18,719

coming up to kick off this week's

45

00:02:23,000 --> 00:02:20,700

episode of the skeptic zone and that's

46

00:02:26,000 --> 00:02:23,010

quite a lengthy interview but well worth

47

00:02:27,890 --> 00:02:26,010

the listen then after the break I catch

48

00:02:30,770 --> 00:02:27,900

up with a very good man adam van

49

00:02:33,140 --> 00:02:30,780

langenberg from melbourne a skeptical

50

00:02:36,140 --> 00:02:33,150

teacher who runs a skeptical club in his

51
00:02:39,709 --> 00:02:36,150
high school now recently he conducted an

52
00:02:42,530 --> 00:02:39,719
experiment where he had students with

53
00:02:44,929 --> 00:02:42,540
buckets on their head their students

54
00:02:47,659 --> 00:02:44,939
with buckets on the head why would you

55
00:02:49,849 --> 00:02:47,669
put buckets on the head of students find

56
00:02:52,879 --> 00:02:49,859
out a little bit later on in the skeptic

57
00:02:55,129 --> 00:02:52,889
zone and I'm delighted to say that adam

58
00:02:57,770 --> 00:02:55,139
van langenberg will be a guest at the

59
00:03:00,559 --> 00:02:57,780
forthcoming Australian skeptics

60
00:03:03,800 --> 00:03:00,569
convention in Melbourne along with DJ

61
00:03:08,089 --> 00:03:03,810
Grothe rebecca watson lynn kelly dr.

62
00:03:12,800 --> 00:03:08,099
rachy myself and james randi tickets are

63
00:03:16,429 --> 00:03:12,810

still on sale check out w WV skeptics

64

00:03:18,920 --> 00:03:16,439

wordpress com to find out more and book

65

00:03:20,180 --> 00:03:18,930

your ticket I know that we're going to

66

00:03:21,979 --> 00:03:20,190

have a great time involvement and

67

00:03:25,420 --> 00:03:21,989

speaking of conventions that's

68

00:03:28,429 --> 00:03:25,430

interesting because ten years ago 2002 I

69

00:03:30,920 --> 00:03:28,439

was in Melbourne for the Australian

70

00:03:33,800 --> 00:03:30,930

skeptics and your convention Wow ten

71

00:03:36,860 --> 00:03:33,810

years have gone by and as it happened I

72

00:03:39,309 --> 00:03:36,870

was there not only to do bits and pieces

73

00:03:41,509 --> 00:03:39,319

at the convention I was um as

74

00:03:42,920 --> 00:03:41,519

coincidence would have it I was present

75

00:03:46,610 --> 00:03:42,930

of the Australian skeptics then ten

76
00:03:48,679 --> 00:03:46,620
years ago as I am now and I videoed the

77
00:03:51,979 --> 00:03:48,689
convention and in fact over the last

78
00:03:54,729 --> 00:03:51,989
decade I have been video II many

79
00:03:56,960 --> 00:03:54,739
Australian skeptics conventions and and

80
00:03:59,479 --> 00:03:56,970
we've decided to put a lot of those

81
00:04:03,439 --> 00:03:59,489
videos up online over the last 10 years

82
00:04:07,129 --> 00:04:03,449
bit by bit if you go to ww skeptics

83
00:04:09,979 --> 00:04:07,139
Comte you mouse over the publication's

84
00:04:12,499 --> 00:04:09,989
tab at the top of the page you'll see a

85
00:04:16,729 --> 00:04:12,509
drop down menu come up and one of the

86
00:04:19,129 --> 00:04:16,739
options is convention videos lots of

87
00:04:21,769 --> 00:04:19,139
videos there from skeptics conventions

88
00:04:24,649 --> 00:04:21,779

in Australia over the past decade or so

89

00:04:26,540 --> 00:04:24,659

and while you're at Caltech scanda you

90

00:04:29,020 --> 00:04:26,550

if you're in Sydney you still have

91

00:04:31,790 --> 00:04:29,030

time still have time to buy tickets for

92

00:04:34,300 --> 00:04:31,800

our the skeptics dinner meeting coming

93

00:04:37,219 --> 00:04:34,310

up on the twenty-ninth of sep tember

94

00:04:39,529 --> 00:04:37,229

special guest Tory Shepard punch

95

00:04:42,760 --> 00:04:39,539

columnist and chief reporter for news

96

00:04:45,860 --> 00:04:42,770

com talking all about the paranoia in

97

00:04:47,960 --> 00:04:45,870

pseudo-scientific in the media skeptics

98

00:04:49,249 --> 00:04:47,970

dinners in Sydney are there different

99

00:04:52,159 --> 00:04:49,259

from skeptics in the pub there a little

100

00:04:54,439 --> 00:04:52,169

bit more formal a nice dinner and a very

101
00:04:56,210 --> 00:04:54,449
interesting talk book your tickets now

102
00:04:59,930 --> 00:04:56,220
in the next few days while you still

103
00:05:02,719 --> 00:04:59,940
have a chance at ww skeptics come you

104
00:05:05,089 --> 00:05:02,729
and I shall see you there but now it's

105
00:05:07,879 --> 00:05:05,099
time for me to have some nice sour fish

106
00:05:23,399 --> 00:05:07,889
fingers and custard while you enjoy the

107
00:05:30,730 --> 00:05:27,899
here's my not spooky action at a

108
00:05:37,570 --> 00:05:35,050
I tell you what folks skeptic zone fans

109
00:05:40,779 --> 00:05:37,580
dirty disbeliever fans we've got a guy

110
00:05:42,189 --> 00:05:40,789
for you Ben Radford but just explain who

111
00:05:44,650 --> 00:05:42,199
you are and what's of stuff you've been

112
00:05:47,950 --> 00:05:44,660
investigating and why do you do that

113
00:05:49,719 --> 00:05:47,960

yourself well I'm Benjamin Radford I'm

114

00:05:51,999 --> 00:05:49,729

the deputy editor of skeptical Inquirer

115

00:05:53,800 --> 00:05:52,009

science magazine I'm a research fellow

116

00:05:56,379 --> 00:05:53,810

with the committee for skeptical inquiry

117

00:05:58,570 --> 00:05:56,389

non-profit educational organization I

118

00:06:01,689 --> 00:05:58,580

also write books and do investigations

119

00:06:02,980 --> 00:06:01,699

of written six or seven books well six

120

00:06:05,890 --> 00:06:02,990

books with the seventh one coming out

121

00:06:08,170 --> 00:06:05,900

and I'm best known for doing

122

00:06:11,649 --> 00:06:08,180

investigations of what you would call

123

00:06:13,480 --> 00:06:11,659

weird things that's what we like to hey

124

00:06:15,309 --> 00:06:13,490

bit of a punctuation there now what is

125

00:06:18,249 --> 00:06:15,319

the one weird thing you haven't got to

126

00:06:22,180 --> 00:06:18,259

yet that's in your to do we do party or

127

00:06:24,700 --> 00:06:22,190

brain I would there's actually a a

128

00:06:29,290 --> 00:06:24,710

strange place called the Coral Castle in

129

00:06:30,999 --> 00:06:29,300

Florida and it's it's this giant sort of

130

00:06:32,680 --> 00:06:31,009

like a it's like Stonehenge type thing

131

00:06:34,629 --> 00:06:32,690

is that where the guy's rumored to have

132

00:06:36,459 --> 00:06:34,639

made it but I leavitt levitating it and

133

00:06:38,080 --> 00:06:36,469

using sonic waves similar to what the

134

00:06:39,850 --> 00:06:38,090

ancient alien theorists would have told

135

00:06:42,520 --> 00:06:39,860

the Egyptians that because I've seen

136

00:06:45,490 --> 00:06:42,530

that on ancient aliens and what do you

137

00:06:47,260 --> 00:06:45,500

think it is well I've looked into I I

138

00:06:48,700 --> 00:06:47,270

haven't personally been there I'm

139

00:06:52,209 --> 00:06:48,710

actually hoping to go there later this

140

00:06:54,790 --> 00:06:52,219

year but a it's pretty clear a you know

141

00:06:57,100 --> 00:06:54,800

the guy that created an a guy named

142

00:06:59,020 --> 00:06:57,110

Edward Leedskalnin he claimed that he

143

00:07:01,899 --> 00:06:59,030

did it using the same methods that the

144

00:07:03,999 --> 00:07:01,909

the ancient Egyptians used if that's

145

00:07:05,379 --> 00:07:04,009

true then that solves the mystery

146

00:07:07,779 --> 00:07:05,389

because we actually know how the

147

00:07:09,610 --> 00:07:07,789

pyramids were built so so in a way you

148

00:07:11,409 --> 00:07:09,620

know if the main proponent of the claim

149

00:07:13,659 --> 00:07:11,419

is is is being honest with us then

150

00:07:15,370 --> 00:07:13,669

really there's no mystery hang on I've

151

00:07:16,600 --> 00:07:15,380

been told that we still don't know how

152

00:07:18,399 --> 00:07:16,610

they built that and we could not

153

00:07:20,890 --> 00:07:18,409

replicate that today even with modern

154

00:07:23,170 --> 00:07:20,900

building materials I've heard that as

155

00:07:26,110 --> 00:07:23,180

well and that is I think what they call

156

00:07:28,330 --> 00:07:26,120

Bullock's the fact of the matter is that

157

00:07:30,100 --> 00:07:28,340

we actually have pretty good records in

158

00:07:32,559 --> 00:07:30,110

terms of how the ancient Egyptians made

159

00:07:34,510 --> 00:07:32,569

it and this is nothing new you can look

160

00:07:36,100 --> 00:07:34,520

up it now I i first read it in national

161

00:07:38,469 --> 00:07:36,110

geographic magazine which is you know

162

00:07:40,600 --> 00:07:38,479

Harley and an arm of the conspiracy

163

00:07:42,550 --> 00:07:40,610

theory wing it's all it's all right

164

00:07:42,870 --> 00:07:42,560

there if you bother to take the time to

165

00:07:45,390 --> 00:07:42,880

do it

166

00:07:47,130 --> 00:07:45,400

and is there any llah Christina I'll

167

00:07:48,960 --> 00:07:47,140

avenged aliens and look I'm big von

168

00:07:52,200 --> 00:07:48,970

Daniken fan I even dared to mention the

169

00:07:53,490 --> 00:07:52,210

name to Iranian yesterday and and as a

170

00:07:55,950 --> 00:07:53,500

child that really fired my imagination

171

00:07:58,260 --> 00:07:55,960

in a big way and still does and I like

172

00:08:00,060 --> 00:07:58,270

watching it is that and I spoke to some

173

00:08:02,100 --> 00:08:00,070

people only last night that thought it

174

00:08:04,080 --> 00:08:02,110

was a great gateway drug to studying

175

00:08:05,730 --> 00:08:04,090

real archaeology do you think there's a

176

00:08:07,410 --> 00:08:05,740

nugget to these shows where they

177

00:08:09,480 --> 00:08:07,420

actually quite valuable and they're not

178

00:08:12,360 --> 00:08:09,490

as bad as a lot of skeptics would make

179

00:08:15,780 --> 00:08:12,370

out I'm not so convinced by that

180

00:08:18,270 --> 00:08:15,790

argument primarily because because a lot

181

00:08:21,870 --> 00:08:18,280

of times the the underlying basis and

182

00:08:23,790 --> 00:08:21,880

premises are so badly wrong when you've

183

00:08:25,830 --> 00:08:23,800

got people like von Daniken and people

184

00:08:28,500 --> 00:08:25,840

who are saying that for example the the

185

00:08:30,750 --> 00:08:28,510

glyphs in the in the desert in Chile and

186

00:08:33,060 --> 00:08:30,760

the Nazca plans for example could only

187

00:08:35,969 --> 00:08:33,070

have been created by aliens it's simply

188

00:08:38,310 --> 00:08:35,979

not true and you know you can argue that

189

00:08:40,950 --> 00:08:38,320

well yeah but it's interesting people in

190

00:08:43,440 --> 00:08:40,960

history and archaeology and my answer is

191

00:08:45,210 --> 00:08:43,450

it's interesting them in in false

192

00:08:48,540 --> 00:08:45,220

information it's it's interesting them

193

00:08:50,820 --> 00:08:48,550

in in in in false mysteries actually you

194

00:08:52,440 --> 00:08:50,830

do a lot of investigations so like a lot

195

00:08:54,630 --> 00:08:52,450

of skeptics there must be one that you

196

00:08:56,160 --> 00:08:54,640

think is truly dangerous what is the

197

00:08:57,870 --> 00:08:56,170

most that Miss held belief that you've

198

00:09:00,180 --> 00:08:57,880

investigated that could do some real

199

00:09:03,300 --> 00:09:00,190

harm to people are probably the ones

200

00:09:05,220 --> 00:09:03,310

that involve the medical medical issues

201
00:09:07,140 --> 00:09:05,230
because you know if look if you believe

202
00:09:08,910 --> 00:09:07,150
in in UFOs you leave in the Yowie

203
00:09:10,110 --> 00:09:08,920
whatever else that's fine there's you

204
00:09:12,690 --> 00:09:10,120
know you can believe whatever you want

205
00:09:14,640 --> 00:09:12,700
at the point of which you're you're

206
00:09:16,740 --> 00:09:14,650
you're going to people who are claiming

207
00:09:18,870 --> 00:09:16,750
to do faith healing whoo claiming to

208
00:09:20,580 --> 00:09:18,880
give you you know medicines which are

209
00:09:22,070 --> 00:09:20,590
homeopathic and they have no active

210
00:09:24,810 --> 00:09:22,080
ingredient things like that

211
00:09:26,750 --> 00:09:24,820
anti-vaccination I mean I in Australia

212
00:09:28,800 --> 00:09:26,760
you have a you know a strong anti vax

213
00:09:30,270 --> 00:09:28,810

contingent that I'm often reading about

214

00:09:32,730 --> 00:09:30,280

and doing great work over there for many

215

00:09:34,920 --> 00:09:32,740

of the skeptics at that point you're

216

00:09:37,230 --> 00:09:34,930

you're harming real people in many cases

217

00:09:39,600 --> 00:09:37,240

you know irreparably in children and so

218

00:09:42,650 --> 00:09:39,610

this is too much why mine that is that

219

00:09:45,450 --> 00:09:42,660

is the real that's the real danger there

220

00:09:48,000 --> 00:09:45,460

things that are dangerous so how do you

221

00:09:49,110 --> 00:09:48,010

separate your emotion because from these

222

00:09:50,550 --> 00:09:49,120

issues sometimes when you're

223

00:09:53,490 --> 00:09:50,560

investigating them to try and be as

224

00:09:55,079 --> 00:09:53,500

impartial as possible well I don't have

225

00:09:55,960 --> 00:09:55,089

a problem with it because at the end of

226

00:09:58,449 --> 00:09:55,970

the day

227

00:10:00,759 --> 00:09:58,459

you know the I don't have a vested

228

00:10:02,800 --> 00:10:00,769

interest in this matter I I personally

229

00:10:04,929 --> 00:10:02,810

don't care whether Bigfoot exists I

230

00:10:07,090 --> 00:10:04,939

personally don't care whether psychic

231

00:10:09,999 --> 00:10:07,100

powers exist or go somewhere else it's

232

00:10:13,119 --> 00:10:10,009

not a I don't lose sleep either way Mike

233

00:10:15,100 --> 00:10:13,129

my my issue is what is the truth and

234

00:10:17,379 --> 00:10:15,110

when I go do an investigation into a

235

00:10:19,329 --> 00:10:17,389

ghost for haunting for example I want to

236

00:10:21,910 --> 00:10:19,339

know the answers if the answer is that

237

00:10:23,619 --> 00:10:21,920

there's a ghost great or the answer is

238

00:10:27,100 --> 00:10:23,629

their psychic powers or crop circles

239

00:10:29,230 --> 00:10:27,110

maybe aliens then that's fine so I in

240

00:10:30,970 --> 00:10:29,240

the topics that I investigate I actually

241

00:10:33,400 --> 00:10:30,980

don't have that strong a personal

242

00:10:36,759 --> 00:10:33,410

interest in it so it's not a I'm not

243

00:10:39,220 --> 00:10:36,769

personally you know affronted or or you

244

00:10:41,410 --> 00:10:39,230

know embellished if I find or don't find

245

00:10:43,840 --> 00:10:41,420

something so I that's that's how I keep

246

00:10:45,369 --> 00:10:43,850

my personal of course everybody brings

247

00:10:48,040 --> 00:10:45,379

their own personal perspectives and

248

00:10:50,170 --> 00:10:48,050

biases to each position investigation in

249

00:10:53,019 --> 00:10:50,180

each topic but in terms of you know

250

00:10:54,639 --> 00:10:53,029

trying to you know trying to guide it in

251

00:10:56,019 --> 00:10:54,649

one way or the other I don't really have

252

00:10:58,449 --> 00:10:56,029

that problem terms of separating out the

253

00:11:00,910 --> 00:10:58,459

the personal from the professional what

254

00:11:02,980 --> 00:11:00,920

about some issues that the usual defense

255

00:11:04,929 --> 00:11:02,990

is that is actually outside science so

256

00:11:07,389 --> 00:11:04,939

it can't be investigated i'd say maybe

257

00:11:09,040 --> 00:11:07,399

some alien abduction accounts ball into

258

00:11:10,840 --> 00:11:09,050

that because there's the you can't prove

259

00:11:12,819 --> 00:11:10,850

it because the way the our reality has

260

00:11:14,889 --> 00:11:12,829

been altered by the aliens how can you

261

00:11:17,230 --> 00:11:14,899

investigate something like that well

262

00:11:19,389 --> 00:11:17,240

that's a common misperception that i

263

00:11:20,860 --> 00:11:19,399

hear people say well well you know how

264

00:11:22,869 --> 00:11:20,870

can you possibly investigate ghosts

265

00:11:24,939 --> 00:11:22,879

they're beyond science or psychic powers

266

00:11:27,280 --> 00:11:24,949

were beyond science or alien abductions

267

00:11:29,530 --> 00:11:27,290

in the case of you gave and the answer

268

00:11:31,569 --> 00:11:29,540

is that they're not beyond science

269

00:11:33,040 --> 00:11:31,579

Sciences is the method through which we

270

00:11:35,110 --> 00:11:33,050

understand our world whether you know

271

00:11:36,730 --> 00:11:35,120

whether it's physics geology I mean

272

00:11:39,220 --> 00:11:36,740

everything around us can be understood

273

00:11:41,290 --> 00:11:39,230

through science and if someone is making

274

00:11:43,689 --> 00:11:41,300

a claim that for example they were

275

00:11:46,059 --> 00:11:43,699

abducted by aliens that's not beyond

276

00:11:47,470 --> 00:11:46,069

science I mean either you know if

277

00:11:49,569 --> 00:11:47,480

they're claiming that this happened you

278

00:11:51,999 --> 00:11:49,579

in their in their neighborhood at three

279

00:11:53,920 --> 00:11:52,009

o'clock on a Sunday afternoon and there

280

00:11:56,139 --> 00:11:53,930

was a spaceship hovering overhead either

281

00:11:57,670 --> 00:11:56,149

other neighbor saw it or they didn't see

282

00:11:59,439 --> 00:11:57,680

it this is not a matter of opinion this

283

00:12:01,809 --> 00:11:59,449

is not a matter of subjective experience

284

00:12:05,790 --> 00:12:01,819

there are you know Eve for all these

285

00:12:08,350 --> 00:12:05,800

topics there are and should be you know

286

00:12:09,759 --> 00:12:08,360

falsifiable scientific claims about them

287

00:12:11,619 --> 00:12:09,769

and if someone

288

00:12:14,139 --> 00:12:11,629

comes out to me says I believe in ghosts

289

00:12:19,059 --> 00:12:14,149

or I believe I was abducted my answer is

290

00:12:20,379 --> 00:12:19,069

okay good for you I'm I'm glad what what

291

00:12:22,359 --> 00:12:20,389

do you want me to tell you I I'm not

292

00:12:24,579 --> 00:12:22,369

going to try and disprove that if on the

293

00:12:27,400 --> 00:12:24,589

other hand someone says I believe in

294

00:12:29,109 --> 00:12:27,410

ghosts or UFOs or psychics because I

295

00:12:30,579 --> 00:12:29,119

have evidence or because something

296

00:12:32,859 --> 00:12:30,589

convinced me then I'm going to say well

297

00:12:34,749 --> 00:12:32,869

hold on here what exactly is that and if

298

00:12:37,869 --> 00:12:34,759

they just come back and say well I just

299

00:12:39,069 --> 00:12:37,879

want to believe then I I have no there's

300

00:12:40,359 --> 00:12:39,079

nothing trying to figure out that claim

301
00:12:42,340 --> 00:12:40,369
there's nothing there's nothing you can

302
00:12:43,660 --> 00:12:42,350
you investigate and speaking of

303
00:12:46,629 --> 00:12:43,670
Investigation you've looked into the

304
00:12:49,419 --> 00:12:46,639
chupacabra and what did you find sir

305
00:12:51,309 --> 00:12:49,429
what did I find there as I said what did

306
00:12:54,460 --> 00:12:51,319
you find sir I said that in the mighty

307
00:12:56,470 --> 00:12:54,470
boosh kind of way well I i wrote a book

308
00:12:58,569 --> 00:12:56,480
on that it actually was was nominated

309
00:12:59,799 --> 00:12:58,579
for two Book Awards this this year I'm

310
00:13:01,720 --> 00:12:59,809
pleased about that the book is called

311
00:13:04,269 --> 00:13:01,730
tracking the chupacabra the vampire

312
00:13:05,979 --> 00:13:04,279
based in fact fiction folklore and it's

313
00:13:07,989 --> 00:13:05,989

actually been taken seriously in several

314

00:13:10,239 --> 00:13:07,999

scholarly and academic journals which

315

00:13:12,009 --> 00:13:10,249

I'm quite pleased about so I I don't

316

00:13:14,319 --> 00:13:12,019

know if I can really summarize 200 and

317

00:13:17,079 --> 00:13:14,329

some pages of five years of research in

318

00:13:18,609 --> 00:13:17,089

a sentence but essentially what I found

319

00:13:21,220 --> 00:13:18,619

and the chupacabra for those who don't

320

00:13:22,869 --> 00:13:21,230

know it's it's it's the world's first or

321

00:13:24,939 --> 00:13:22,879

set of a second or third best known

322

00:13:26,859 --> 00:13:24,949

monster after Bigfoot and the unlock

323

00:13:29,679 --> 00:13:26,869

Ness monster and it actually translate

324

00:13:32,679 --> 00:13:29,689

to go to be does which which sounds like

325

00:13:34,480 --> 00:13:32,689

a great hip-hop track all right you

326

00:13:37,150 --> 00:13:34,490

little bling or something going on there

327

00:13:38,949 --> 00:13:37,160

yeah it's and it said to what will the

328

00:13:40,929 --> 00:13:38,959

interesting thing about the chupacabra

329

00:13:44,410 --> 00:13:40,939

is that unlike for example bigfooter or

330

00:13:46,059 --> 00:13:44,420

nasty it's a vampire it is that that's

331

00:13:47,919 --> 00:13:46,069

part of its nature is its event in fact

332

00:13:50,289 --> 00:13:47,929

is it's the world's second best known

333

00:13:51,879 --> 00:13:50,299

vampire for Dracula Rhys it so it is in

334

00:13:53,829 --> 00:13:51,889

fact otherworldly almost immediately

335

00:13:54,909 --> 00:13:53,839

because the vampires don't correspond

336

00:13:57,460 --> 00:13:54,919

with anything we know in the natural

337

00:13:59,019 --> 00:13:57,470

world well well I mean in some cases you

338

00:14:00,879 --> 00:13:59,029

mean you have leeches you have vampire

339

00:14:02,379 --> 00:14:00,889

bats you hit you mosquitoes I means

340

00:14:05,109 --> 00:14:02,389

there are blood sucking animals the

341

00:14:07,449 --> 00:14:05,119

question is are the characteristics that

342

00:14:09,699 --> 00:14:07,459

are being reported in regarding the

343

00:14:10,900 --> 00:14:09,709

chupacabra are those plausible is there

344

00:14:13,150 --> 00:14:10,910

any reason to think this is more than

345

00:14:15,119 --> 00:14:13,160

just a cultural myth and in my research

346

00:14:18,039 --> 00:14:15,129

which again it took me five years to

347

00:14:19,449 --> 00:14:18,049

finish I looked at it from a folkloric

348

00:14:21,480 --> 00:14:19,459

point of view from forensics i

349

00:14:23,670 --> 00:14:21,490

interviewed medical examiner's

350

00:14:25,139 --> 00:14:23,680

I basically approached it from all

351

00:14:27,210 --> 00:14:25,149

possible angles trying to figure out

352

00:14:28,199 --> 00:14:27,220

what what what is this monster this

353

00:14:30,420 --> 00:14:28,209

creature and there's there's basically

354

00:14:33,170 --> 00:14:30,430

two different forms the first one is a

355

00:14:36,540 --> 00:14:33,180

bipedal spiky backed alien type creature

356

00:14:39,630 --> 00:14:36,550

it was first seen in Puerto Rico in 1995

357

00:14:41,220 --> 00:14:39,640

and then that version sort of came and

358

00:14:44,220 --> 00:14:41,230

went and then the second version that

359

00:14:46,740 --> 00:14:44,230

came up around 2000 was basically like a

360

00:14:48,230 --> 00:14:46,750

hairless dog or a dog coyote or dingo

361

00:14:51,150 --> 00:14:48,240

seems like that basically i cain't it

362

00:14:52,380 --> 00:14:51,160

that didn't have any hair and so you

363

00:14:53,910 --> 00:14:52,390

have these two completely different

364

00:14:55,680 --> 00:14:53,920

versions of the chupacabra and the

365

00:14:57,480 --> 00:14:55,690

original first version was only

366

00:14:59,340 --> 00:14:57,490

occasionally seen by like eyewitnesses

367

00:15:01,290 --> 00:14:59,350

but there were never any bodies found in

368

00:15:03,630 --> 00:15:01,300

the second case you have exactly the

369

00:15:05,850 --> 00:15:03,640

opposite you have bodies found but

370

00:15:08,820 --> 00:15:05,860

nobody seeing these these these these

371

00:15:09,900 --> 00:15:08,830

vampirism in action so so I had to sort

372

00:15:11,550 --> 00:15:09,910

of look at these two different types of

373

00:15:14,040 --> 00:15:11,560

chupacabras and reconcile them and put

374

00:15:16,710 --> 00:15:14,050

them in historical and cultural context

375

00:15:18,360 --> 00:15:16,720

and during a five-year investigation

376

00:15:20,430 --> 00:15:18,370

something is intense that this is at one

377

00:15:21,600 --> 00:15:20,440

stage where you thought I'm going to

378

00:15:23,070 --> 00:15:21,610

give this up I'm going to wrap this up

379

00:15:24,900 --> 00:15:23,080

quickly because I've had enough of it I

380

00:15:26,340 --> 00:15:24,910

mean did it really get to because I mean

381

00:15:28,139 --> 00:15:26,350

you're talking about folklore you're

382

00:15:29,400 --> 00:15:28,149

interviewing lots of people and you know

383

00:15:31,079 --> 00:15:29,410

it's a fairly lengthy process you've

384

00:15:33,840 --> 00:15:31,089

gone through I mean five years looking

385

00:15:35,370 --> 00:15:33,850

at one phenomena yeah and you bring up a

386

00:15:38,610 --> 00:15:35,380

good excellent question and part of the

387

00:15:40,260 --> 00:15:38,620

answer is that as an investigator you it

388

00:15:43,829 --> 00:15:40,270

takes as long as it takes us all the

389

00:15:45,420 --> 00:15:43,839

mystery and part of the problem you see

390

00:15:46,949 --> 00:15:45,430

on these TV shows like ghost hunters and

391

00:15:48,930 --> 00:15:46,959

all these all these documentaries you've

392

00:15:51,690 --> 00:15:48,940

got 58 minutes in a 60-minute Alan

393

00:15:53,220 --> 00:15:51,700

exactly exactly it gives people firstly

394

00:15:54,810 --> 00:15:53,230

gives audiences the impression that

395

00:15:56,130 --> 00:15:54,820

somehow what they're doing is scientific

396

00:15:58,319 --> 00:15:56,140

and oftentimes it's completely

397

00:16:00,060 --> 00:15:58,329

unscientific but it also gives the

398

00:16:03,120 --> 00:16:00,070

impression that mysteries can be solved

399

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

in an hour or overnight or a day or a

400

00:16:07,769 --> 00:16:05,950

week and you know I've investigated

401

00:16:09,600 --> 00:16:07,779

hundreds of different things crop

402

00:16:12,900 --> 00:16:09,610

circles ghosts Bigfoot chupacabras

403

00:16:14,550 --> 00:16:12,910

psychics you know you name it and I mean

404

00:16:16,769 --> 00:16:14,560

I've solved some mysteries in the

405

00:16:18,449 --> 00:16:16,779

afternoon and some mysteries take me 18

406

00:16:21,180 --> 00:16:18,459

months and some mysteries take you five

407

00:16:22,920 --> 00:16:21,190

years and and the difference is you have

408

00:16:25,110 --> 00:16:22,930

to be willing to put in the work it's

409

00:16:26,970 --> 00:16:25,120

not that I'm so brilliant or so smart or

410

00:16:28,440 --> 00:16:26,980

such a great investigator the difference

411

00:16:30,720 --> 00:16:28,450

is the reason that I solve these cases

412

00:16:32,610 --> 00:16:30,730

in these globally known cases and

413

00:16:33,950 --> 00:16:32,620

sometimes is that I'm willing to put in

414

00:16:36,650 --> 00:16:33,960

the work and put in the time and

415

00:16:38,870 --> 00:16:36,660

a lot of times what you find is that is

416

00:16:41,330 --> 00:16:38,880

that someone calling it a mystery oh

417

00:16:43,160 --> 00:16:41,340

it's unexplained we'll never know all

418

00:16:44,630 --> 00:16:43,170

that means is that they're not willing

419

00:16:46,520 --> 00:16:44,640

to put in the effort to find the answer

420

00:16:48,410 --> 00:16:46,530

well Benjamin read for you a very

421

00:16:49,940 --> 00:16:48,420

single-minded gone when you're packing a

422

00:16:51,020 --> 00:16:49,950

suitcase you just pack a suitcase and

423

00:16:52,520 --> 00:16:51,030

dad anyone talk to me when you're

424

00:16:53,840 --> 00:16:52,530

listening to the radio everyone should

425

00:16:56,140 --> 00:16:53,850

be quite yeah you got you've got that

426

00:16:58,340 --> 00:16:56,150

intense personality there well I I

427

00:17:00,410 --> 00:16:58,350

certainly do when it comes to different

428

00:17:04,010 --> 00:17:00,420

topics because investigation topics

429

00:17:05,120 --> 00:17:04,020

because it's easy to get sidelined if

430

00:17:06,800 --> 00:17:05,130

you if you do if you're doing

431

00:17:08,810 --> 00:17:06,810

investigations you're examining the

432

00:17:10,400 --> 00:17:08,820

different claims and I wrote about this

433

00:17:12,110 --> 00:17:10,410

in my book scientific parent

434

00:17:14,150 --> 00:17:12,120

investigation how to solve unexplained

435

00:17:16,490 --> 00:17:14,160

mysteries I go sort of how to do these

436

00:17:18,230 --> 00:17:16,500

sorts investigations in six or seven

437

00:17:20,000 --> 00:17:18,240

case studies and so when you're

438

00:17:21,920 --> 00:17:20,010

approaching these topics it's very

439

00:17:23,960 --> 00:17:21,930

important to focus on the claims not get

440

00:17:26,030 --> 00:17:23,970

say it's easy to get sidetracked oh you

441

00:17:28,670 --> 00:17:26,040

know go here go there no figure out

442

00:17:31,280 --> 00:17:28,680

exactly what what the claims are and go

443

00:17:33,050 --> 00:17:31,290

with them and so it's I think that a

444

00:17:35,450 --> 00:17:33,060

certain single mindedness and

445

00:17:37,520 --> 00:17:35,460

determination is essential for for doing

446

00:17:39,620 --> 00:17:37,530

real investigations and what about

447

00:17:41,780 --> 00:17:39,630

cattle mutilation no doubt you've looked

448

00:17:44,120 --> 00:17:41,790

at that as well but that's one that I've

449

00:17:45,710 --> 00:17:44,130

seen time time again it seems to be

450

00:17:47,270 --> 00:17:45,720

solved some way or it seems to be put

451
00:17:49,340 --> 00:17:47,280
into the unknown category because those

452
00:17:50,660 --> 00:17:49,350
marks can only be made by a laser that

453
00:17:53,390 --> 00:17:50,670
is only someone who knows what they're

454
00:17:55,100 --> 00:17:53,400
doing right yeah in the the CAD

455
00:17:57,020 --> 00:17:55,110
mutilations is an interesting phenomena

456
00:17:58,670 --> 00:17:57,030
because it actually intersects quite a

457
00:18:00,620 --> 00:17:58,680
bit with my chupacabra investigation is

458
00:18:02,300 --> 00:18:00,630
what there's lots of overlap because the

459
00:18:04,250 --> 00:18:02,310
the chupacabra even though it's known

460
00:18:07,010 --> 00:18:04,260
for sucking goats it also sucks the

461
00:18:09,200 --> 00:18:07,020
blood out of bunnies dogs cats you know

462
00:18:11,240 --> 00:18:09,210
cattle things like that and so I did I

463
00:18:13,460 --> 00:18:11,250

did a fair amount of cattle mutilation

464

00:18:15,620 --> 00:18:13,470

investigation for my from a chupacabra

465

00:18:17,840 --> 00:18:15,630

book and of course that also ties in

466

00:18:20,060 --> 00:18:17,850

with with UFOs because there's some

467

00:18:22,550 --> 00:18:20,070

people so what's interesting is that is

468

00:18:24,260 --> 00:18:22,560

that you can have exactly the same dead

469

00:18:25,850 --> 00:18:24,270

end let's say for example you have a cow

470

00:18:28,250 --> 00:18:25,860

that has two puncture wounds in the neck

471

00:18:30,590 --> 00:18:28,260

and is drained apparently drained of

472

00:18:32,390 --> 00:18:30,600

almost all its blood you can have three

473

00:18:33,650 --> 00:18:32,400

completely different cultural contexts

474

00:18:36,050 --> 00:18:33,660

in which you'll have three different

475

00:18:39,800 --> 00:18:36,060

interpretations so for example if that

476

00:18:42,860 --> 00:18:39,810

if that cow was found in 1997 Puerto

477

00:18:45,230 --> 00:18:42,870

Rico the the answer would be it's a

478

00:18:47,480 --> 00:18:45,240

chupacabra the chupacabra got it if that

479

00:18:51,590 --> 00:18:47,490

exact same cow was found in

480

00:18:54,200 --> 00:18:51,600

1970s New Mexico say late 70s it be

481

00:18:57,169 --> 00:18:54,210

called an alien abduction people would

482

00:18:58,760 --> 00:18:57,179

say yes this this this cow was abducted

483

00:19:01,340 --> 00:18:58,770

by aliens and they were doing these we

484

00:19:04,490 --> 00:19:01,350

were experiments and if it was if it was

485

00:19:06,740 --> 00:19:04,500

found in the mid 80s say in the American

486

00:19:08,000 --> 00:19:06,750

Midwest he would be Satanists that's

487

00:19:09,020 --> 00:19:08,010

also that's what i thought the third one

488

00:19:11,510 --> 00:19:09,030

was going to be I thought because they

489

00:19:13,070 --> 00:19:11,520

were moved into it as well so and of

490

00:19:15,770 --> 00:19:13,080

course any of them correct by the way

491

00:19:18,890 --> 00:19:15,780

just to save us a lot of time no none of

492

00:19:20,060 --> 00:19:18,900

them are correct and that's the beauty

493

00:19:22,010 --> 00:19:20,070

of it is that when you look at this you

494

00:19:24,620 --> 00:19:22,020

see you have the the exact same

495

00:19:26,299 --> 00:19:24,630

phenomena an identical creature this

496

00:19:28,400 --> 00:19:26,309

found in three different cultural social

497

00:19:30,410 --> 00:19:28,410

context is going to be interpreted three

498

00:19:34,130 --> 00:19:30,420

completely and mutually exclusive ways

499

00:19:36,140 --> 00:19:34,140

you know this is not even even if one of

500

00:19:38,210 --> 00:19:36,150

them was correct if the other two can't

501
00:19:39,470 --> 00:19:38,220
be correct anyways but the short answer

502
00:19:41,000 --> 00:19:39,480
is that no none of them are correct

503
00:19:43,910 --> 00:19:41,010
because if you do the the forensic

504
00:19:45,410 --> 00:19:43,920
investigation you find it in fact many

505
00:19:46,880 --> 00:19:45,420
of these animals are killed by ordinary

506
00:19:49,850 --> 00:19:46,890
predation you have two puncture wounds

507
00:19:51,260 --> 00:19:49,860
the neck it seems very mysterious until

508
00:19:53,600 --> 00:19:51,270
you realize that they didn't die from

509
00:19:55,850 --> 00:19:53,610
blood loss they died from the dad from

510
00:19:58,250 --> 00:19:55,860
hemorrhagic from mr internal

511
00:20:00,080 --> 00:19:58,260
hemorrhaging and so it can be very

512
00:20:01,880 --> 00:20:00,090
mysterious to a farmer or you know just

513
00:20:03,530 --> 00:20:01,890

again these are not scientists these are

514

00:20:05,450 --> 00:20:03,540

just people working on ranch hands there

515

00:20:06,799 --> 00:20:05,460

but we always see that they work with

516

00:20:07,910 --> 00:20:06,809

these animals every day so they know

517

00:20:09,080 --> 00:20:07,920

exactly what they're like and they're

518

00:20:10,850 --> 00:20:09,090

used to seeing things and this is

519

00:20:13,299 --> 00:20:10,860

something unusual on their farm that's

520

00:20:16,490 --> 00:20:13,309

what yeah and and that that's not true

521

00:20:18,590 --> 00:20:16,500

I'll just cut to the chase in there the

522

00:20:21,140 --> 00:20:18,600

fact of the matter is I mean I've talked

523

00:20:23,210 --> 00:20:21,150

to talk to ranchers for example who told

524

00:20:27,140 --> 00:20:23,220

me we know most of the time when a dog

525

00:20:29,060 --> 00:20:27,150

attacks like a sheep or a goat it will

526

00:20:30,919 --> 00:20:29,070

rip the neck out and that's simply not

527

00:20:33,080 --> 00:20:30,929

true i mean just factually inaccurate

528

00:20:35,330 --> 00:20:33,090

and we know this because you can talk to

529

00:20:37,760 --> 00:20:35,340

animal predation experts and i did that

530

00:20:40,100 --> 00:20:37,770

i did a lot of research on that and when

531

00:20:42,980 --> 00:20:40,110

you when you look at its of me it's true

532

00:20:44,750 --> 00:20:42,990

that sometimes a coyote or a dog will

533

00:20:46,790 --> 00:20:44,760

will rip up something in cause a lot of

534

00:20:48,830 --> 00:20:46,800

blood other times it won't they'll just

535

00:20:50,390 --> 00:20:48,840

simply bite the neck and it'll move on

536

00:20:53,690 --> 00:20:50,400

to something else and it'll simply die

537

00:20:55,310 --> 00:20:53,700

and so so the it's interesting because

538

00:20:57,680 --> 00:20:55,320

you would expect that would be true you

539

00:20:59,210 --> 00:20:57,690

would expect that oh yeah well they deal

540

00:21:00,830 --> 00:20:59,220

with this every day they should know

541

00:21:02,690 --> 00:21:00,840

better and the answer is the

542

00:21:04,399 --> 00:21:02,700

should know about it but they don't and

543

00:21:06,260 --> 00:21:04,409

of course Australian UFO sighting that

544

00:21:08,210 --> 00:21:06,270

it always has had my interest in is a

545

00:21:09,500 --> 00:21:08,220

very difficult one to to prove but is

546

00:21:11,840 --> 00:21:09,510

one of the biggest mess sightings in

547

00:21:13,250 --> 00:21:11,850

history is the West all 66 sighting in

548

00:21:15,560 --> 00:21:13,260

which a number of school kids in

549

00:21:17,659 --> 00:21:15,570

daylight saw an object in the sky for a

550

00:21:19,070 --> 00:21:17,669

period of time i'ma give a look at that

551
00:21:20,960 --> 00:21:19,080
case at all and you've got any theories

552
00:21:23,899 --> 00:21:20,970
with that I have not looked at that case

553
00:21:25,760 --> 00:21:23,909
I I heard a little bit about it UFOs are

554
00:21:28,880 --> 00:21:25,770
not my specialty I know quite a bit

555
00:21:31,850 --> 00:21:28,890
about them but the thing about UFOs is a

556
00:21:34,340 --> 00:21:31,860
topic is that it runs so deep and it's

557
00:21:35,810 --> 00:21:34,350
so wide as well yeah yeah and and that's

558
00:21:39,200 --> 00:21:35,820
why I mean that there's a handful of

559
00:21:41,269 --> 00:21:39,210
like hardcore UFO researchers of you

560
00:21:43,399 --> 00:21:41,279
know Phil class was Phil class Robert

561
00:21:44,960 --> 00:21:43,409
Schaefer is excellent and again I I know

562
00:21:48,260 --> 00:21:44,970
quite a bit about certain particular

563
00:21:50,029 --> 00:21:48,270

cases I'm more of a generalist you know

564

00:21:52,430 --> 00:21:50,039

everything encrypted zoology to go

565

00:21:54,019 --> 00:21:52,440

psychics although I again I know quite a

566

00:21:56,029 --> 00:21:54,029

bit about UFOs that particular case I

567

00:21:58,610 --> 00:21:56,039

don't really know enough about to so

568

00:22:02,570 --> 00:21:58,620

what are the gas on so what would you

569

00:22:04,519 --> 00:22:02,580

guess be I if I if I were to hazard

570

00:22:06,289 --> 00:22:04,529

again it you can't use swamp gas because

571

00:22:07,789 --> 00:22:06,299

it's not near a swamp you can't use an

572

00:22:11,120 --> 00:22:07,799

inversion layer because there wasn't one

573

00:22:14,600 --> 00:22:11,130

that day I would say that my guess is

574

00:22:17,269 --> 00:22:14,610

that that they actually did see a UFO

575

00:22:18,649 --> 00:22:17,279

that is they saw something that was

576

00:22:23,480 --> 00:22:18,659

flying in this guy they could not

577

00:22:24,500 --> 00:22:23,490

identify strictly good now if I'm going

578

00:22:26,779 --> 00:22:24,510

looking for a ghost or something

579

00:22:28,850 --> 00:22:26,789

otherworldly what is the best tool for

580

00:22:32,570 --> 00:22:28,860

me to use I see lots of different meters

581

00:22:36,080 --> 00:22:32,580

on these ghost shows electro main fit of

582

00:22:38,659 --> 00:22:36,090

course I'm a bit of a fan of EVP big fan

583

00:22:42,470 --> 00:22:38,669

of EVP look a good bit of paranoia goes

584

00:22:46,220 --> 00:22:42,480

a long way and yeah so what tool shall

585

00:22:49,000 --> 00:22:46,230

use well um the first tool that you

586

00:22:51,590 --> 00:22:49,010

should this you should use is your brain

587

00:22:52,940 --> 00:22:51,600

now immediately you've lost half the

588

00:22:54,409 --> 00:22:52,950

audience here because you've just said

589

00:22:55,789 --> 00:22:54,419

that we've got to go out do a bit of

590

00:22:57,769 --> 00:22:55,799

study perhaps even go to a tertiary

591

00:23:00,740 --> 00:22:57,779

institution who's got time for that kind

592

00:23:03,919 --> 00:23:00,750

of stuff well my investigations begin

593

00:23:06,529 --> 00:23:03,929

usually with research and scholarship

594

00:23:08,690 --> 00:23:06,539

and figuring out what's going on so you

595

00:23:10,970 --> 00:23:08,700

never see that bit on ancient aliens you

596

00:23:13,310 --> 00:23:10,980

never see the study it's not interesting

597

00:23:15,259 --> 00:23:13,320

it's not sexy to be on TV a

598

00:23:18,139 --> 00:23:15,269

a lot of the research that I do again

599

00:23:20,060 --> 00:23:18,149

the the the hard Treasury work of

600

00:23:21,320 --> 00:23:20,070

Investigations it's not interesting

601
00:23:23,029 --> 00:23:21,330
it's it's you know it's going through

602
00:23:24,620 --> 00:23:23,039
online archives going to library it's

603
00:23:26,720 --> 00:23:24,630
just digging up research journals from

604
00:23:28,789 --> 00:23:26,730
1948 and spending a favorite song on

605
00:23:30,440 --> 00:23:28,799
your own oh absolutely yeah this is not

606
00:23:31,820 --> 00:23:30,450
this is not and this is what I try to

607
00:23:33,379 --> 00:23:31,830
tell people when people come up to me

608
00:23:34,759 --> 00:23:33,389
they'd say oh I've seen you on TV yes

609
00:23:37,820 --> 00:23:34,769
you do investigations this is really

610
00:23:39,110 --> 00:23:37,830
cool how do I do that my answer is I can

611
00:23:41,090 --> 00:23:39,120
show you how to do it but you need to

612
00:23:43,820 --> 00:23:41,100
you need to understand this is not it's

613
00:23:46,399 --> 00:23:43,830

not necessarily fun it's not necessarily

614

00:23:47,840 --> 00:23:46,409

easy it's not quick and it takes

615

00:23:49,190 --> 00:23:47,850

scholarship and if you're not willing to

616

00:23:51,320 --> 00:23:49,200

do the research then then don't bother

617

00:23:52,879 --> 00:23:51,330

and also you're at the hashing a few

618

00:23:53,990 --> 00:23:52,889

people's milho as well when you come up

619

00:23:55,220 --> 00:23:54,000

with answers that they don't want to

620

00:23:57,799 --> 00:23:55,230

hear well although you don't want to

621

00:24:00,440 --> 00:23:57,809

another sit in you become a bad guy yeah

622

00:24:02,330 --> 00:24:00,450

in some cases in some cases you do good

623

00:24:04,879 --> 00:24:02,340

I mean there's been a handful of ghost

624

00:24:06,019 --> 00:24:04,889

cases for example where I actually

625

00:24:07,999 --> 00:24:06,029

helped a family where there were

626
00:24:09,440 --> 00:24:08,009
families who were sincerely scared to be

627
00:24:10,999 --> 00:24:09,450
in their own house and it was until they

628
00:24:13,850 --> 00:24:11,009
brought in a skeptical investigator such

629
00:24:16,909 --> 00:24:13,860
as myself that that they were they were

630
00:24:19,310 --> 00:24:16,919
reassured and so I I was so you know

631
00:24:20,480 --> 00:24:19,320
certainly there are times when I'm as

632
00:24:23,419 --> 00:24:20,490
you said harshing people's mellow

633
00:24:25,460 --> 00:24:23,429
because because I'm I'm giving them a

634
00:24:27,619 --> 00:24:25,470
more skeptical perspective other times

635
00:24:30,289 --> 00:24:27,629
however I'm reassuring them that that

636
00:24:31,999 --> 00:24:30,299
what they have to fear they don't need

637
00:24:33,529 --> 00:24:32,009
to fear in that that's actually be part

638
00:24:35,149 --> 00:24:33,539

of my job is calming people's fears

639

00:24:37,460 --> 00:24:35,159

whether it's fears about vaccinations

640

00:24:39,649 --> 00:24:37,470

fears about ghosts fears about alien

641

00:24:43,279 --> 00:24:39,659

abductions fears about monsters a lot of

642

00:24:45,379 --> 00:24:43,289

my job is is is figuring out identifying

643

00:24:47,180 --> 00:24:45,389

what people are afraid of and why and

644

00:24:49,779 --> 00:24:47,190

investigate it and try and explain to

645

00:24:52,549 --> 00:24:49,789

them why they should not be afraid and

646

00:24:54,320 --> 00:24:52,559

house how quickly in an investigation do

647

00:24:55,789 --> 00:24:54,330

you often work out that it could be self

648

00:24:58,730 --> 00:24:55,799

delusion or there is some actual

649

00:25:00,680 --> 00:24:58,740

deliberate fakery going on well I've

650

00:25:03,110 --> 00:25:00,690

actually found relatively little look

651
00:25:04,549 --> 00:25:03,120
deliberate fakery um you know it

652
00:25:07,399 --> 00:25:04,559
certainly is true that I've encountered

653
00:25:10,460 --> 00:25:07,409
hoaxing in my time in just about all

654
00:25:13,490 --> 00:25:10,470
areas you know crop circles primarily

655
00:25:14,899 --> 00:25:13,500
but also go somewhere else but most of

656
00:25:16,730 --> 00:25:14,909
the time when people come to me with

657
00:25:18,740 --> 00:25:16,740
experiences whether it's ghosts whether

658
00:25:20,180 --> 00:25:18,750
it's you know yaoi sightings or

659
00:25:22,820 --> 00:25:20,190
Chupacabra sightings what have you

660
00:25:23,990 --> 00:25:22,830
they're sincere people they're honest

661
00:25:26,150 --> 00:25:24,000
good

662
00:25:27,290 --> 00:25:26,160
not if they're not trying to pull the

663
00:25:28,970 --> 00:25:27,300

wool over anybody's eyes that are not

664

00:25:30,470 --> 00:25:28,980

trying to get rich they said they had

665

00:25:33,320 --> 00:25:30,480

some weird experience that they can't

666

00:25:35,960 --> 00:25:33,330

explain and so much of the time I have a

667

00:25:37,730 --> 00:25:35,970

degree in psychology and so so I bring

668

00:25:39,080 --> 00:25:37,740

that to my investigations and so when

669

00:25:40,190 --> 00:25:39,090

I'm interviewing an eyewitness when I'm

670

00:25:42,710 --> 00:25:40,200

interviewing someone who's had this

671

00:25:45,110 --> 00:25:42,720

experience they can't explain I try and

672

00:25:46,310 --> 00:25:45,120

get in their mind say hey what I try to

673

00:25:48,620 --> 00:25:46,320

understand from their point of view

674

00:25:50,360 --> 00:25:48,630

because I I can I can explain them what

675

00:25:53,480 --> 00:25:50,370

I've found in my books in my research

676
00:25:54,800 --> 00:25:53,490
but more importantly it in a way it

677
00:25:56,570 --> 00:25:54,810
doesn't matter what I say the question

678
00:25:58,490 --> 00:25:56,580
is what are they going to interpret how

679
00:25:59,690 --> 00:25:58,500
are they going to take it and so a lot

680
00:26:01,520 --> 00:25:59,700
of times when you're talking to

681
00:26:04,640 --> 00:26:01,530
eyewitnesses who are very very

682
00:26:05,900 --> 00:26:04,650
passionate about what what they saw you

683
00:26:07,070 --> 00:26:05,910
know again you have to you have to

684
00:26:09,380 --> 00:26:07,080
understand it from their point of view

685
00:26:10,910 --> 00:26:09,390
and say okay why would they be thinking

686
00:26:13,130 --> 00:26:10,920
that and then you sort of you know if I

687
00:26:14,180 --> 00:26:13,140
for bring their perspective have your

688
00:26:17,630 --> 00:26:14,190

perspective and try to bring the two

689

00:26:21,080 --> 00:26:17,640

together for basically a common a common

690

00:26:22,640 --> 00:26:21,090

goal a common understanding look I've

691

00:26:25,190 --> 00:26:22,650

said many times that the plural of

692

00:26:28,550 --> 00:26:25,200

anecdote is not data is that definitely

693

00:26:31,970 --> 00:26:28,560

true uh yeah I would say so you know

694

00:26:33,590 --> 00:26:31,980

anecdotes have a have a place in in

695

00:26:35,690 --> 00:26:33,600

research there's there's no design that

696

00:26:37,220 --> 00:26:35,700

I mean their anecdotes not worthless and

697

00:26:39,860 --> 00:26:37,230

I've never suggested otherwise the same

698

00:26:42,020 --> 00:26:39,870

thing with with eyewitness sightings you

699

00:26:44,300 --> 00:26:42,030

know I sometimes have believers who will

700

00:26:45,680 --> 00:26:44,310

jump on me saying oh well you're just

701

00:26:47,840 --> 00:26:45,690

missing all eyewitness sightings my

702

00:26:51,020 --> 00:26:47,850

answer is no I'm not at all absolutely

703

00:26:53,660 --> 00:26:51,030

not if you have if you and I witness to

704

00:26:56,630 --> 00:26:53,670

you know anything you're a crop circle

705

00:26:59,090 --> 00:26:56,640

being made or a ghost case or a you know

706

00:27:01,640 --> 00:26:59,100

uh you know encrypted water whatever it

707

00:27:03,230 --> 00:27:01,650

is UFO I will listen to it i'm not going

708

00:27:05,180 --> 00:27:03,240

to laugh at you i'm not going to ignore

709

00:27:07,280 --> 00:27:05,190

you i will listen to what you have to

710

00:27:08,360 --> 00:27:07,290

say and if you have other evidence if

711

00:27:11,150 --> 00:27:08,370

there's other eyewitnesses or

712

00:27:12,680 --> 00:27:11,160

photographs i'll look at it but but you

713

00:27:13,970 --> 00:27:12,690

know they need to understand that i'm

714

00:27:15,680 --> 00:27:13,980

not going to simply take their word for

715

00:27:17,390 --> 00:27:15,690

i can't simply say well I you know just

716

00:27:19,310 --> 00:27:17,400

because someone says I soffit saw

717

00:27:20,600 --> 00:27:19,320

something I can't explain that doesn't

718

00:27:22,640 --> 00:27:20,610

mean they saw a ghost it just means they

719

00:27:23,990 --> 00:27:22,650

saw something they can't explain look at

720

00:27:26,180 --> 00:27:24,000

Benjamin Redford is there any case

721

00:27:28,220 --> 00:27:26,190

you've seen that is the closest to

722

00:27:29,810 --> 00:27:28,230

coming near any kind of evidence of some

723

00:27:32,840 --> 00:27:29,820

sort of paranormal event that hasn't

724

00:27:36,860 --> 00:27:32,850

quite made it but it's gone oh you've

725

00:27:37,510 --> 00:27:36,870

done here on probable honestly probably

726

00:27:39,250 --> 00:27:37,520

that

727

00:27:42,040 --> 00:27:39,260

the weather there's a handful of cases I

728

00:27:45,100 --> 00:27:42,050

can think of one that jumps to mind is I

729

00:27:46,750 --> 00:27:45,110

did a haunting investigation in Buffalo

730

00:27:51,000 --> 00:27:46,760

New York a couple years back it's one of

731

00:27:53,910 --> 00:27:51,010

the case chapters in my book and and the

732

00:27:57,340 --> 00:27:53,920

mother and child and the father and the

733

00:27:59,020 --> 00:27:57,350

father they had a whole classic haunted

734

00:28:01,570 --> 00:27:59,030

house thing they had you know do they

735

00:28:03,280 --> 00:28:01,580

had footsteps in the hallway and demonic

736

00:28:05,290 --> 00:28:03,290

pictures and the cats for acting weird

737

00:28:10,300 --> 00:28:05,300

they had [h__\h] call the classic haunted

738

00:28:12,460 --> 00:28:10,310

house stuff including a the guy claimed

739

00:28:15,130 --> 00:28:12,470

that ghost had kicked him and he was

740

00:28:16,870 --> 00:28:15,140

actually assaulted by a ghost and this

741

00:28:18,370 --> 00:28:16,880

is unusual I mean I'd explained

742

00:28:19,480 --> 00:28:18,380

virtually all the other phenomena in

743

00:28:21,310 --> 00:28:19,490

this case I was scratching my head

744

00:28:23,350 --> 00:28:21,320

thinking what the hell's going on here

745

00:28:25,240 --> 00:28:23,360

because what was he doing at the time

746

00:28:27,550 --> 00:28:25,250

was he asleep was you in dialogical

747

00:28:29,530 --> 00:28:27,560

going he was going to sleep and in each

748

00:28:31,240 --> 00:28:29,540

case is what what is the context here

749

00:28:32,710 --> 00:28:31,250

again were you going to the store to get

750

00:28:35,470 --> 00:28:32,720

some milk what happened when was this

751

00:28:37,420 --> 00:28:35,480

he's well it happened several times as

752

00:28:39,280 --> 00:28:37,430

he was going to sleep which was a little

753

00:28:40,420 --> 00:28:39,290

bit of a clue for me but it didn't

754

00:28:42,190 --> 00:28:40,430

really it did necessary explain it

755

00:28:43,720 --> 00:28:42,200

because you know I mean I go to say all

756

00:28:45,400 --> 00:28:43,730

the time I don't necessarily have feel

757

00:28:49,090 --> 00:28:45,410

ghosts you know attacking you're kicking

758

00:28:51,810 --> 00:28:49,100

me and anyway that again is the cases

759

00:28:54,790 --> 00:28:51,820

who to detail to detail to go into but

760

00:28:56,230 --> 00:28:54,800

essentially what i realize was that he

761

00:28:59,080 --> 00:28:56,240

had what's called restless leg syndrome

762

00:29:01,060 --> 00:28:59,090

and his his his leg he had sleep apnea

763

00:29:03,250 --> 00:29:01,070

and one of the symptoms of sleep apnea

764

00:29:05,020 --> 00:29:03,260

as i researched it was that your leg

765

00:29:07,030 --> 00:29:05,030

will twitch and at the time he was

766

00:29:10,990 --> 00:29:07,040

sleeping alone in innocent he was a big

767

00:29:12,190 --> 00:29:11,000

guy he's probably 300 pounds and he his

768

00:29:14,380 --> 00:29:12,200

leg would twitch as he was going to

769

00:29:16,600 --> 00:29:14,390

sleep and he interpreted that in within

770

00:29:19,390 --> 00:29:16,610

the context of a haunted house case as a

771

00:29:22,570 --> 00:29:19,400

ghost kicking in and and so that was a

772

00:29:24,400 --> 00:29:22,580

case where you know it was until I until

773

00:29:26,320 --> 00:29:24,410

I solved it that was a head scratcher

774

00:29:28,150 --> 00:29:26,330

because that was one of the main claims

775

00:29:30,340 --> 00:29:28,160

and that was the last one because I

776

00:29:32,110 --> 00:29:30,350

solve all the other parts and there was

777

00:29:34,900 --> 00:29:32,120

this one last thing I'm like how the

778

00:29:35,830 --> 00:29:34,910

hell and I finally figured it out I know

779

00:29:37,660 --> 00:29:35,840

there's people out there that are going

780

00:29:39,520 --> 00:29:37,670

to be saying oh yeah this Radford guy

781

00:29:41,830 --> 00:29:39,530

he's a government asset he's put there

782

00:29:45,370 --> 00:29:41,840

for misinformation to skew people away

783

00:29:46,780 --> 00:29:45,380

from the truth is there any are you here

784

00:29:49,360 --> 00:29:46,790

is that part of a misinformation plan

785

00:29:50,500 --> 00:29:49,370

yes there we go well that's the I

786

00:29:51,370 --> 00:29:50,510

could've like tweakers said at the

787

00:29:53,320 --> 00:29:51,380

beginning and cut

788

00:29:54,460 --> 00:29:53,330

good short there and you must get that

789

00:29:57,130 --> 00:29:54,470

you must have people coming up to you

790

00:29:59,440 --> 00:29:57,140

very angry that that I think you're part

791

00:30:02,440 --> 00:29:59,450

of something and you'll be yeah did

792

00:30:05,590 --> 00:30:02,450

probably the worst are the the UFO folks

793

00:30:07,870 --> 00:30:05,600

and the anti-vaxxers I you know

794

00:30:09,790 --> 00:30:07,880

obviously in this line of work when

795

00:30:11,590 --> 00:30:09,800

you're investigating people's claims you

796

00:30:13,840 --> 00:30:11,600

piss everybody off you piss off psychics

797

00:30:16,060 --> 00:30:13,850

you piss off you know snake oil peddlers

798

00:30:17,680 --> 00:30:16,070

you piss off a lot of people I'm not

799

00:30:19,360 --> 00:30:17,690

intentional I don't go into trying to

800

00:30:20,980 --> 00:30:19,370

get out to get anybody but if you're

801
00:30:22,570 --> 00:30:20,990
making claims I'm going to investigate

802
00:30:25,780 --> 00:30:22,580
them and if you're wrong I'm going to

803
00:30:27,850 --> 00:30:25,790
call you on it and end the story and

804
00:30:30,070 --> 00:30:27,860
it's amazing how many people don't call

805
00:30:31,780 --> 00:30:30,080
them on that class isn't it yes you go

806
00:30:33,670 --> 00:30:31,790
people are the don't worry about it or

807
00:30:35,500 --> 00:30:33,680
they don't care mmhmm yeah you're

808
00:30:37,870 --> 00:30:35,510
exactly right and and also the same

809
00:30:40,060 --> 00:30:37,880
thing that happens with me a scientist I

810
00:30:41,530 --> 00:30:40,070
mean oftentimes I'll hear people saying

811
00:30:43,030 --> 00:30:41,540
well you the scientists have them come

812
00:30:44,770 --> 00:30:43,040
out and just proven me well the

813
00:30:48,730 --> 00:30:44,780

scientists are busy doing science you

814

00:30:51,220 --> 00:30:48,740

know nuclear physicist or busy medicine

815

00:30:52,600 --> 00:30:51,230

is just the idea that the scientific

816

00:30:55,590 --> 00:30:52,610

community should stop what they're doing

817

00:30:59,470 --> 00:30:55,600

and investigate your you know it is just

818

00:31:01,990 --> 00:30:59,480

anyway so yeah but I get accused of

819

00:31:04,120 --> 00:31:02,000

being you know a tool of Big Pharma NASA

820

00:31:06,940 --> 00:31:04,130

basically anytime that I write something

821

00:31:08,200 --> 00:31:06,950

someone will will comment and criticize

822

00:31:10,750 --> 00:31:08,210

me and say oh well the only reason

823

00:31:12,340 --> 00:31:10,760

you're saying that is because because

824

00:31:14,740 --> 00:31:12,350

you know you have some sort of agenda

825

00:31:16,630 --> 00:31:14,750

and and what's interesting to me is is

826

00:31:18,760 --> 00:31:16,640

just the mentality behind that that

827

00:31:21,760 --> 00:31:18,770

they're there or something is that the

828

00:31:23,230 --> 00:31:21,770

only reason that we might disagree the

829

00:31:25,540 --> 00:31:23,240

only reason that I might be writing

830

00:31:26,860 --> 00:31:25,550

something or discussing something that

831

00:31:29,890 --> 00:31:26,870

is contradictory to their point of view

832

00:31:32,470 --> 00:31:29,900

is that I must be paid off I must have a

833

00:31:33,940 --> 00:31:32,480

bias I must be in inset instead of maybe

834

00:31:35,290 --> 00:31:33,950

I know more about it than they do maybe

835

00:31:36,910 --> 00:31:35,300

I've researched it maybe I've personally

836

00:31:40,300 --> 00:31:36,920

done right no no there are something is

837

00:31:43,030 --> 00:31:40,310

that what by definition if you disagree

838

00:31:45,430 --> 00:31:43,040

with them then you're either Yuri's are

839

00:31:47,140 --> 00:31:45,440

completely wrong and in stupid or you're

840

00:31:49,510 --> 00:31:47,150

being paid off and that's such an

841

00:31:51,370 --> 00:31:49,520

arrogant point of view now is there if

842

00:31:52,300 --> 00:31:51,380

you had an unlimited budget which of

843

00:31:55,480 --> 00:31:52,310

course working to the government you

844

00:31:57,220 --> 00:31:55,490

must have it is there one conspiracy

845

00:31:58,720 --> 00:31:57,230

theory or anomaly that you'd like to

846

00:32:01,150 --> 00:31:58,730

investigate that has so many tangents

847

00:32:03,220 --> 00:32:01,160

like what this claimed happened on 911

848

00:32:03,910 --> 00:32:03,230

or the Kennedy assassination ones that

849

00:32:05,320 --> 00:32:03,920

just run

850

00:32:06,850 --> 00:32:05,330

everywhere is there something as

851
00:32:07,870 --> 00:32:06,860
far-reaching as that that you really

852
00:32:11,200 --> 00:32:07,880
would like to if you had your own

853
00:32:13,750 --> 00:32:11,210
department and unlimited funds that's a

854
00:32:15,430 --> 00:32:13,760
good question i l've written and

855
00:32:17,710 --> 00:32:15,440
researched some on conspiracy theory

856
00:32:20,440 --> 00:32:17,720
honestly l gets to the point where they

857
00:32:22,000 --> 00:32:20,450
just get really tiresome because you can

858
00:32:24,790 --> 00:32:22,010
you can put forth the same information

859
00:32:28,870 --> 00:32:24,800
and they just they won't we're not

860
00:32:30,430 --> 00:32:28,880
operating on the same premises and so it

861
00:32:32,710 --> 00:32:30,440
just gets pointless so it's sort of like

862
00:32:34,630 --> 00:32:32,720
oftentimes l l've been in debates and

863
00:32:36,820 --> 00:32:34,640

herb debates between conspiracy

864

00:32:39,070 --> 00:32:36,830

theorists and skeptics and it's like

865

00:32:41,890 --> 00:32:39,080

people talking it's like the arguments

866

00:32:43,450 --> 00:32:41,900

between atheists and and and and you

867

00:32:45,160 --> 00:32:43,460

know fundamentalist Christians they're

868

00:32:46,660 --> 00:32:45,170

operating on different premises and they

869

00:32:49,840 --> 00:32:46,670

go back and forth and back and forth and

870

00:32:51,610 --> 00:32:49,850

and nothing nothing is done and and any

871

00:32:53,890 --> 00:32:51,620

and there's times when you know I mean

872

00:32:56,530 --> 00:32:53,900

I've been I didn't I was talking to a

873

00:32:57,730 --> 00:32:56,540

conspiracy theorist of 911 about 911

874

00:32:59,350 --> 00:32:57,740

attacks and he's talked about how the

875

00:33:03,070 --> 00:32:59,360

plane didn't actually hit the Pentagon

876

00:33:05,440 --> 00:33:03,080

and he's having all these stories what

877

00:33:09,370 --> 00:33:05,450

was really a missile and I finally said

878

00:33:10,960 --> 00:33:09,380

well where's the plane then he said what

879

00:33:13,660 --> 00:33:10,970

do you mean I said you're saying that a

880

00:33:15,460 --> 00:33:13,670

plane did not hit the Pentagon where is

881

00:33:17,710 --> 00:33:15,470

the plane where are the people on that

882

00:33:19,750 --> 00:33:17,720

plane if you're telling us that that

883

00:33:21,820 --> 00:33:19,760

that that is not what hit the Pentagon

884

00:33:23,860 --> 00:33:21,830

then you need to explain why this this

885

00:33:25,630 --> 00:33:23,870

plane took off this particular plane

886

00:33:27,610 --> 00:33:25,640

took off with these people in this

887

00:33:29,380 --> 00:33:27,620

luggage and didn't go anywhere else in

888

00:33:33,730 --> 00:33:29,390

the world they didn't land anywhere else

889

00:33:36,040 --> 00:33:33,740

that were they like well well um I don't

890

00:33:38,350 --> 00:33:36,050

know I know you don't do you I mean and

891

00:33:40,330 --> 00:33:38,360

the and I've pushed people on this one

892

00:33:41,410 --> 00:33:40,340

and I there's the plane landed somewhere

893

00:33:42,640 --> 00:33:41,420

and the people who are floated that

894

00:33:45,760 --> 00:33:42,650

means that those people have either been

895

00:33:48,940 --> 00:33:45,770

imprisoned or killed right and ages and

896

00:33:50,920 --> 00:33:48,950

it is just and you know the problem with

897

00:33:52,900 --> 00:33:50,930

these sources conspiracies in order to

898

00:33:54,340 --> 00:33:52,910

bolster their beliefs they have to come

899

00:33:57,400 --> 00:33:54,350

up with more and more out vanished in

900

00:34:00,190 --> 00:33:57,410

elaborate scenarios and so and in fact I

901
00:34:02,200 --> 00:34:00,200
had this I I confronted a conspiracy

902
00:34:04,690 --> 00:34:02,210
theorist last year at dragoncon and I

903
00:34:07,060 --> 00:34:04,700
was in the panel and and we had a 911

904
00:34:08,770 --> 00:34:07,070
guy come up and he starts going into his

905
00:34:10,780 --> 00:34:08,780
spiel about poking holes in all this I

906
00:34:13,659 --> 00:34:10,790
said I'll let all of us said you know

907
00:34:15,640 --> 00:34:13,669
he's the guy in the audience I said okay

908
00:34:16,360 --> 00:34:15,650
I said before before you go any further

909
00:34:20,320 --> 00:34:16,370
what

910
00:34:24,550 --> 00:34:20,330
do you think happened on 911 and he says

911
00:34:26,410 --> 00:34:24,560
well well I think that there was a

912
00:34:29,020 --> 00:34:26,420
cover-up I said no no I'll ask again

913
00:34:31,000 --> 00:34:29,030

what happened you you're telling us that

914

00:34:33,130 --> 00:34:31,010

the official story is all wrong and

915

00:34:34,600 --> 00:34:33,140

you're pokin one is holes in it you tell

916

00:34:36,610 --> 00:34:34,610

if you if you have better information

917

00:34:39,820 --> 00:34:36,620

that we do tell us what happened what

918

00:34:42,100 --> 00:34:39,830

what exactly happened well we don't know

919

00:34:44,350 --> 00:34:42,110

so I was like well hold on here hold on

920

00:34:46,510 --> 00:34:44,360

so so so you you don't know what

921

00:34:48,250 --> 00:34:46,520

happened on 911 but you're convinced

922

00:34:50,830 --> 00:34:48,260

that the official story is all wrong I

923

00:34:52,540 --> 00:34:50,840

said that seem weird to you I mean that

924

00:34:54,640 --> 00:34:52,550

you can't offer a better explanation and

925

00:34:56,020 --> 00:34:54,650

he just was being Scott flustered and

926

00:34:57,850 --> 00:34:56,030

walked off I mean there are many

927

00:35:01,570 --> 00:34:57,860

anomalies on that day that fascinate me

928

00:35:03,010 --> 00:35:01,580

and you know and I'm not for many years

929

00:35:04,420 --> 00:35:03,020

I was always wondering about them but I

930

00:35:07,000 --> 00:35:04,430

guess there's maybe just some things

931

00:35:08,980 --> 00:35:07,010

you'll never know hmm well you know and

932

00:35:11,710 --> 00:35:08,990

especially it's important to recognize

933

00:35:13,120 --> 00:35:11,720

that that there are things that we will

934

00:35:15,370 --> 00:35:13,130

just never know for sure and that

935

00:35:16,660 --> 00:35:15,380

doesn't make them supernatural it

936

00:35:18,040 --> 00:35:16,670

doesn't make them especially mysterious

937

00:35:20,680 --> 00:35:18,050

it just means that there are things that

938

00:35:22,480 --> 00:35:20,690

we don't know to this day no one is

939

00:35:24,160 --> 00:35:22,490

completely sure where Amelia Earhart is

940

00:35:25,750 --> 00:35:24,170

there's been new evidence from last year

941

00:35:27,370 --> 00:35:25,760

or two that you might have I to we don't

942

00:35:30,160 --> 00:35:27,380

know Natalee Holloway though the

943

00:35:31,900 --> 00:35:30,170

teenager missing in in Aruba where we

944

00:35:33,520 --> 00:35:31,910

don't know and again it doesn't mean

945

00:35:35,110 --> 00:35:33,530

that she's kidnapped by aliens it

946

00:35:36,940 --> 00:35:35,120

doesn't mean that she's you know living

947

00:35:38,650 --> 00:35:36,950

a bit living on a planet you know

948

00:35:41,920 --> 00:35:38,660

somewhere it just means we there's

949

00:35:44,020 --> 00:35:41,930

simply not enough evidence and so you

950

00:35:47,320 --> 00:35:44,030

know it's the especially with something

951
00:35:49,510 --> 00:35:47,330
as complex as the 911 attacks and what

952
00:35:51,340 --> 00:35:49,520
about if you take one item from that day

953
00:35:53,320 --> 00:35:51,350
in isolation and concentrate on that

954
00:35:55,510 --> 00:35:53,330
fact is that a sensible way to approach

955
00:35:56,620 --> 00:35:55,520
this as well like like the ground effect

956
00:35:58,870 --> 00:35:56,630
in the height of the plane that

957
00:36:00,880 --> 00:35:58,880
apparently hit the Pentagon and that if

958
00:36:02,710 --> 00:36:00,890
you look at that kind of a thing is that

959
00:36:04,570 --> 00:36:02,720
helpful at all or not or is that over

960
00:36:07,720 --> 00:36:04,580
looking at one thing is that just a bit

961
00:36:09,310 --> 00:36:07,730
bad bad way to do things well yeah the

962
00:36:11,710 --> 00:36:09,320
thing is you can always nitpick on

963
00:36:15,160 --> 00:36:11,720

something and try and claim that that

964

00:36:17,470 --> 00:36:15,170

one anomaly or perceived anomaly somehow

965

00:36:18,850 --> 00:36:17,480

deflates the whole thing and it that's

966

00:36:20,560 --> 00:36:18,860

simply not true because you know there

967

00:36:22,030 --> 00:36:20,570

may be misunderstanding for example you

968

00:36:24,190 --> 00:36:22,040

know I've a friend of mine as a

969

00:36:26,740 --> 00:36:24,200

physicist Dave Thomason in New Mexico

970

00:36:28,359 --> 00:36:26,750

and he's he's basically refuted a lot of

971

00:36:30,940 --> 00:36:28,369

the claims about well you know that

972

00:36:33,279 --> 00:36:30,950

the how about how the flow the floors

973

00:36:36,190 --> 00:36:33,289

pancaked and this and that and and the

974

00:36:38,470 --> 00:36:36,200

presence of dust and and you know and

975

00:36:40,900 --> 00:36:38,480

explosives in NS a lot no thermal

976
00:36:42,190 --> 00:36:40,910
exactly and you know and and there's

977
00:36:44,470 --> 00:36:42,200
actually been some research that was

978
00:36:45,849 --> 00:36:44,480
published just in this past year that

979
00:36:49,239 --> 00:36:45,859
basically debunked the whole

980
00:36:51,069 --> 00:36:49,249
nano-thermite story and so you know so

981
00:36:52,900 --> 00:36:51,079
again a lot of times what you find is

982
00:36:54,460 --> 00:36:52,910
that things that are claimed to be

983
00:36:57,099 --> 00:36:54,470
anomalies or appeared to be anomalies

984
00:36:59,259 --> 00:36:57,109
are not necessarily anomalies and and

985
00:37:01,870 --> 00:36:59,269
even if you can if you if you could say

986
00:37:03,730 --> 00:37:01,880
well this part of the story is wrong or

987
00:37:05,140 --> 00:37:03,740
mistaken that doesn't mean that the

988
00:37:08,710 --> 00:37:05,150

whole story is wrong a mistaken I mean

989

00:37:11,019 --> 00:37:08,720

you know for example I think of the oj

990

00:37:12,819 --> 00:37:11,029

simpson case the infamous OD sims a case

991

00:37:15,130 --> 00:37:12,829

where where you know it was a it was a

992

00:37:16,329 --> 00:37:15,140

complex case and it was pretty clear to

993

00:37:18,940 --> 00:37:16,339

most people that he was actually guilty

994

00:37:21,279 --> 00:37:18,950

but there was a famous incident where he

995

00:37:22,839 --> 00:37:21,289

was a bloody glove that's right and he

996

00:37:24,279 --> 00:37:22,849

was asked to put on the glove and he put

997

00:37:26,950 --> 00:37:24,289

on the glove of courtroom and the glove

998

00:37:28,210 --> 00:37:26,960

did not fit so what were no it's not

999

00:37:31,180 --> 00:37:28,220

real clear where the glove came from but

1000

00:37:33,609 --> 00:37:31,190

but so so the the defense's point was

1001
00:37:35,019 --> 00:37:33,619
that look they're saying this this blood

1002
00:37:36,549 --> 00:37:35,029
is the killer that this glove was the

1003
00:37:37,809 --> 00:37:36,559
killers it doesn't fit him therefore he

1004
00:37:39,069 --> 00:37:37,819
couldn't done it and it's like if the

1005
00:37:41,559 --> 00:37:39,079
glove doesn't fit you must acquit

1006
00:37:43,839 --> 00:37:41,569
exactly and and that's and that's that's

1007
00:37:45,579 --> 00:37:43,849
fallacious reasoning because you know

1008
00:37:48,400 --> 00:37:45,589
just because that particular glove

1009
00:37:50,950 --> 00:37:48,410
didn't wasn't used by him does not mean

1010
00:37:52,420 --> 00:37:50,960
he didn't do it it just means also as

1011
00:37:53,620 --> 00:37:52,430
blood draws it would also shrink the

1012
00:37:55,420 --> 00:37:53,630
glove potentially yeah I mean there's

1013
00:37:57,880 --> 00:37:55,430

there's all sorts of different different

1014

00:38:00,039 --> 00:37:57,890

aspects to it and so again the notion

1015

00:38:05,079 --> 00:38:00,049

that if you can find one or two or even

1016

00:38:07,049 --> 00:38:05,089

several details that are wrong or not

1017

00:38:08,979 --> 00:38:07,059

quite correct that doesn't mean anything

1018

00:38:11,710 --> 00:38:08,989

especially in the case of this is

1019

00:38:13,599 --> 00:38:11,720

complex as you know this 11 attacks or

1020

00:38:15,910 --> 00:38:13,609

the Kennedy assassination there's

1021

00:38:18,009 --> 00:38:15,920

there's there's you know tens of

1022

00:38:19,989 --> 00:38:18,019

thousands of pages of documents scans

1023

00:38:22,930 --> 00:38:19,999

photographs there's so much evidence out

1024

00:38:24,400 --> 00:38:22,940

there that yeah I'm sure that I mean it

1025

00:38:27,039 --> 00:38:24,410

would be remarkable if every single

1026

00:38:29,440 --> 00:38:27,049

piece did fit if you know think about it

1027

00:38:30,430 --> 00:38:29,450

and what's your next challenge what's

1028

00:38:32,710 --> 00:38:30,440

one you want something a bit more

1029

00:38:34,329 --> 00:38:32,720

relaxing you want to look at when I

1030

00:38:36,160 --> 00:38:34,339

wrote down here is that people have our

1031

00:38:37,420 --> 00:38:36,170

mind-altering drug experiences with

1032

00:38:39,400 --> 00:38:37,430

shame and yet seem to have the same

1033

00:38:40,760 --> 00:38:39,410

experience whenever they take this drug

1034

00:38:42,020 --> 00:38:40,770

I find that an interesting one

1035

00:38:44,600 --> 00:38:42,030

we be heading off to South America to

1036

00:38:46,010 --> 00:38:44,610

drink some wacky lead I've been in South

1037

00:38:49,970 --> 00:38:46,020

America several times in fact I'm going

1038

00:38:52,040 --> 00:38:49,980

to I'm going to Brazil next week ok so

1039

00:38:53,780 --> 00:38:52,050

I'll let you know how that goes oh yeah

1040

00:38:55,760 --> 00:38:53,790

I me because I find odd that people seem

1041

00:38:57,080 --> 00:38:55,770

to be having a similar experience from

1042

00:38:59,360 --> 00:38:57,090

that when they take a drug i guess there

1043

00:39:02,060 --> 00:38:59,370

could be the drugs action itself but

1044

00:39:04,760 --> 00:39:02,070

yeah that would be me that i don't find

1045

00:39:07,370 --> 00:39:04,770

that that that mysterious myself you

1046

00:39:09,620 --> 00:39:07,380

know for example you see that with

1047

00:39:12,530 --> 00:39:09,630

recreational drugs i mean the you know

1048

00:39:14,840 --> 00:39:12,540

you can you can determine to some degree

1049

00:39:17,060 --> 00:39:14,850

what a drug is based upon its

1050

00:39:19,520 --> 00:39:17,070

pharmacological symptoms so for example

1051
00:39:21,350 --> 00:39:19,530
you know a person who describing a

1052
00:39:22,400 --> 00:39:21,360
heroine experience will describe

1053
00:39:24,830 --> 00:39:22,410
something different than person a

1054
00:39:27,020 --> 00:39:24,840
methamphetamine experience or marijuana

1055
00:39:29,990 --> 00:39:27,030
experience so just because a person or

1056
00:39:31,160 --> 00:39:30,000
antidepressants the perfect example so

1057
00:39:32,690 --> 00:39:31,170
just because a person is taking

1058
00:39:34,880 --> 00:39:32,700
interpret it book is you know a

1059
00:39:37,910 --> 00:39:34,890
particular kind of drug and those people

1060
00:39:40,700 --> 00:39:37,920
are reporting similar symptoms doesn't

1061
00:39:43,160 --> 00:39:40,710
to mean necessarily suggest anything

1062
00:39:45,170 --> 00:39:43,170
unusual it was a photographer a party

1063
00:39:47,540 --> 00:39:45,180

photographer on the scene in sydney in

1064

00:39:50,210 --> 00:39:47,550

the mid-90s and that the rave parties

1065

00:39:52,640 --> 00:39:50,220

and that she could tell she was a non

1066

00:39:54,050 --> 00:39:52,650

partake in anything by the photos the

1067

00:39:55,490 --> 00:39:54,060

cover of the person's face it was

1068

00:39:56,780 --> 00:39:55,500

something the slight coloration of their

1069

00:39:58,280 --> 00:39:56,790

face she could tell what they're on

1070

00:40:00,410 --> 00:39:58,290

whether they were where they were coked

1071

00:40:01,820 --> 00:40:00,420

whether they're on e were there on acid

1072

00:40:03,830 --> 00:40:01,830

she reckon there's certain slight

1073

00:40:04,910 --> 00:40:03,840

colorations in the skin tone i always

1074

00:40:06,860 --> 00:40:04,920

thought that was an interesting theory

1075

00:40:09,410 --> 00:40:06,870

difficult to get it passed an ethics

1076

00:40:11,150 --> 00:40:09,420

committee i would feel ya different

1077

00:40:12,830 --> 00:40:11,160

different to to falsify everything

1078

00:40:15,230 --> 00:40:12,840

without without getting people and doing

1079

00:40:16,820 --> 00:40:15,240

blood samples but but yeah it's an

1080

00:40:18,590 --> 00:40:16,830

interesting idea so you're hitting off

1081

00:40:19,910 --> 00:40:18,600

down south gotta let us into what you're

1082

00:40:21,050 --> 00:40:19,920

getting in on so we can all jump in

1083

00:40:23,090 --> 00:40:21,060

there and get the book before you by

1084

00:40:26,470 --> 00:40:23,100

doing a lot shonky research than you try

1085

00:40:28,820 --> 00:40:26,480

yeah yeah i actually this is more of a

1086

00:40:30,380 --> 00:40:28,830

recreational pleasure cruise there we go

1087

00:40:32,150 --> 00:40:30,390

that sounds like a cool thing and where

1088

00:40:33,890 --> 00:40:32,160

can we find you online to have some

1089

00:40:35,720 --> 00:40:33,900

really long back and forth the long

1090

00:40:37,430 --> 00:40:35,730

email with arguments and caps oh yeah i

1091

00:40:39,650 --> 00:40:37,440

love those yeah the more explanation

1092

00:40:43,130 --> 00:40:39,660

points and caps the better you can find

1093

00:40:47,300 --> 00:40:43,140

you at benjamin radford calm be en je mi

1094

00:40:49,070 --> 00:40:47,310

n ra dia for decom i'm also i also do

1095

00:40:52,190 --> 00:40:49,080

call for discovery news in life science

1096

00:40:53,440 --> 00:40:52,200

calm i'm also a co-host on the monster

1097

00:40:56,200 --> 00:40:53,450

talk podcast

1098

00:40:57,700 --> 00:40:56,210

for those who like monsters well and do

1099

00:40:59,050 --> 00:40:57,710

you hit the opinion as you mentioned

1100

00:41:00,280 --> 00:40:59,060

earlier just as very last point I've

1101
00:41:03,160 --> 00:41:00,290
kept you for a long time sorry about

1102
00:41:04,780 --> 00:41:03,170
that in that so you know how atheists

1103
00:41:06,460 --> 00:41:04,790
don't think they should actually debate

1104
00:41:07,720 --> 00:41:06,470
creationists because they are talking a

1105
00:41:10,420 --> 00:41:07,730
completely different language do you

1106
00:41:12,310 --> 00:41:10,430
think that sometimes a science debating

1107
00:41:14,620 --> 00:41:12,320
pseudoscience gives shooter science more

1108
00:41:17,020 --> 00:41:14,630
credit than it deserves at times yes

1109
00:41:19,060 --> 00:41:17,030
that's that's clearly the case for

1110
00:41:21,730 --> 00:41:19,070
example with creationism where you know

1111
00:41:23,470 --> 00:41:21,740
just the the the act of being

1112
00:41:26,440 --> 00:41:23,480
photographed discussing something with

1113
00:41:27,670 --> 00:41:26,450

you know hardcore creationist someone

1114

00:41:30,579 --> 00:41:27,680

like Richard Dawkins or someone else

1115

00:41:33,040 --> 00:41:30,589

it's just there's no it gives the this

1116

00:41:34,270 --> 00:41:33,050

is undeserved credibility that being

1117

00:41:35,980 --> 00:41:34,280

said there are certainly times when

1118

00:41:37,599 --> 00:41:35,990

people need to engage with with the

1119

00:41:39,130 --> 00:41:37,609

believers and I'm gonna be I'm a big

1120

00:41:40,990 --> 00:41:39,140

believer in that yeah so does being

1121

00:41:43,390 --> 00:41:41,000

lemons last time he was somewhere and

1122

00:41:45,880 --> 00:41:43,400

you we're going now I'm not getting ok

1123

00:41:47,589 --> 00:41:45,890

I'm going to engage but what use

1124

00:41:48,880 --> 00:41:47,599

disrepair what usually what usually

1125

00:41:50,589 --> 00:41:48,890

trips you over the edge and what

1126
00:41:53,079 --> 00:41:50,599
happened yesterday well someone was

1127
00:41:54,579 --> 00:41:53,089
talking about I recommend you I reckon

1128
00:41:56,260 --> 00:41:54,589
you'd make a noise just before you go

1129
00:41:58,599 --> 00:41:56,270
into an argument it just goes because

1130
00:42:00,490 --> 00:41:58,609
I'm good let's face it you could take

1131
00:42:03,510 --> 00:42:00,500
Deepak chopper in a fight really if you

1132
00:42:06,250 --> 00:42:03,520
know yeah yeah it's you know to my mind

1133
00:42:08,260 --> 00:42:06,260
where the line crosses is when somebody

1134
00:42:10,150 --> 00:42:08,270
says if they just say I believe

1135
00:42:11,800 --> 00:42:10,160
something you know I believe in the

1136
00:42:13,510 --> 00:42:11,810
secrets I believe in you know which is

1137
00:42:16,120 --> 00:42:13,520
one of your imports thank you very much

1138
00:42:19,450 --> 00:42:16,130

uh you know I believe in you're welcome

1139

00:42:21,640 --> 00:42:19,460

I believe in in all these freezing if

1140

00:42:23,349 --> 00:42:21,650

someone just says that then I just let

1141

00:42:25,599 --> 00:42:23,359

it go because i'm not i'm not going to

1142

00:42:27,130 --> 00:42:25,609

i'm not going to and not going to try to

1143

00:42:28,870 --> 00:42:27,140

convince someone that you know they

1144

00:42:30,099 --> 00:42:28,880

should not believe in angels it's not

1145

00:42:31,660 --> 00:42:30,109

gonna do me any good i can do them any

1146

00:42:33,160 --> 00:42:31,670

good whether they want to leave at the

1147

00:42:35,859 --> 00:42:33,170

point in which number when it's harming

1148

00:42:37,690 --> 00:42:35,869

people in which there's actual harm or

1149

00:42:38,920 --> 00:42:37,700

certainly strong potential harm that's

1150

00:42:41,440 --> 00:42:38,930

what i'm going to speak up and say no

1151

00:42:42,700 --> 00:42:41,450

this is you need to you need to pay

1152

00:42:44,589 --> 00:42:42,710

attention to things what was the case

1153

00:42:47,290 --> 00:42:44,599

yesterday what was about anti-vaxxers

1154

00:42:48,430 --> 00:42:47,300

and someone tell you oh well you know we

1155

00:42:49,960 --> 00:42:48,440

should have a right you know no one

1156

00:42:51,550 --> 00:42:49,970

should be shouldn't force us to do

1157

00:42:54,099 --> 00:42:51,560

anything or I said no as for if you do

1158

00:42:56,200 --> 00:42:54,109

anything you use of the laws in the

1159

00:42:57,579 --> 00:42:56,210

country and if you don't want to do that

1160

00:43:00,400 --> 00:42:57,589

no one for you can do whatever the hell

1161

00:43:02,109 --> 00:43:00,410

you want but there there you know for

1162

00:43:04,930 --> 00:43:02,119

first for social health and social

1163

00:43:06,280 --> 00:43:04,940

contract and in public health which you

1164

00:43:06,910 --> 00:43:06,290

should care about in your own children

1165

00:43:08,380 --> 00:43:06,920

safety

1166

00:43:11,140 --> 00:43:08,390

you need to get your children vaccinated

1167

00:43:13,780 --> 00:43:11,150

and I wasn't going to buy for a second

1168

00:43:16,569 --> 00:43:13,790

this whole notion of well my rights my

1169

00:43:18,190 --> 00:43:16,579

rights well screw your rights screw your

1170

00:43:19,930 --> 00:43:18,200

rights if it's if it's going to if it's

1171

00:43:21,760 --> 00:43:19,940

going to it you know if it's going to

1172

00:43:23,079 --> 00:43:21,770

cause you're chill your own children

1173

00:43:24,940 --> 00:43:23,089

they're not old enough to make the wrong

1174

00:43:26,890 --> 00:43:24,950

decision if there are adults and they

1175

00:43:28,870 --> 00:43:26,900

didn't want to be vaccinated that's fine

1176

00:43:30,160 --> 00:43:28,880

that's their decision but if you're if

1177

00:43:32,440 --> 00:43:30,170

you're going to make the decisions for

1178

00:43:34,089 --> 00:43:32,450

your child and your child then comes

1179

00:43:36,010 --> 00:43:34,099

down with more polio or measles or

1180

00:43:38,289 --> 00:43:36,020

whooping cough I'm not okay with that

1181

00:43:39,700 --> 00:43:38,299

and what's we mentioned the first thing

1182

00:43:42,099 --> 00:43:39,710

you should take into an investigation is

1183

00:43:43,510 --> 00:43:42,109

information once the first point you

1184

00:43:46,270 --> 00:43:43,520

should be skeptical about an

1185

00:43:48,520 --> 00:43:46,280

extraordinary claim well the first one

1186

00:43:51,670 --> 00:43:48,530

it would be to to make sure that you

1187

00:43:55,270 --> 00:43:51,680

understand that yeah if a claim is

1188

00:43:57,309 --> 00:43:55,280

actually being made a lot of times you

1189

00:43:58,750 --> 00:43:57,319

know before you decide before you begin

1190

00:44:00,099 --> 00:43:58,760

investigating something you need to find

1191

00:44:03,630 --> 00:44:00,109

out did it really happen so for example

1192

00:44:06,670 --> 00:44:03,640

if somebody says you know I saw a UFO

1193

00:44:09,670 --> 00:44:06,680

you know you know over my backyard

1194

00:44:12,339 --> 00:44:09,680

yesterday then you're gonna want to get

1195

00:44:13,960 --> 00:44:12,349

other other people information so but my

1196

00:44:16,450 --> 00:44:13,970

point is that you know before we begin

1197

00:44:17,920 --> 00:44:16,460

looking at weather patterns flight no

1198

00:44:20,559 --> 00:44:17,930

plans from the nearest airport on the

1199

00:44:22,359 --> 00:44:20,569

other things ask other people and it

1200

00:44:23,859 --> 00:44:22,369

could be you know it could be that you

1201
00:44:25,000 --> 00:44:23,869
know someone else was in the same was

1202
00:44:26,349 --> 00:44:25,010
with the person the time and they're

1203
00:44:27,789 --> 00:44:26,359
like why didn't I was there I didn't say

1204
00:44:29,260 --> 00:44:27,799
anything like well hold on here so

1205
00:44:31,390 --> 00:44:29,270
before and same thing with ghost cases

1206
00:44:32,530 --> 00:44:31,400
you know where somebody you know the

1207
00:44:34,450 --> 00:44:32,540
ghost hunters will go into an

1208
00:44:36,220 --> 00:44:34,460
investigation and immediately began

1209
00:44:37,660 --> 00:44:36,230
looking into like the history of the

1210
00:44:39,670 --> 00:44:37,670
house and oh my god was there someone

1211
00:44:41,530 --> 00:44:39,680
named Mary who lived here and they go

1212
00:44:43,059 --> 00:44:41,540
off and off and off and they forget to

1213
00:44:45,520 --> 00:44:43,069

investigate the original claim the

1214

00:44:46,870 --> 00:44:45,530

original claim is it's not that someone

1215

00:44:48,579 --> 00:44:46,880

named Mary lived analysis original claim

1216

00:44:50,530 --> 00:44:48,589

is that there's a creaking and a hallway

1217

00:44:51,970 --> 00:44:50,540

when no one's there so you need to

1218

00:44:54,960 --> 00:44:51,980

investigate the creaking in the hallway

1219

00:44:57,160 --> 00:44:54,970

before you spend 45 minutes or 45 hours

1220

00:44:58,960 --> 00:44:57,170

you know looking into history of the

1221

00:45:01,420 --> 00:44:58,970

house trying to connect it to the

1222

00:45:03,430 --> 00:45:01,430

phenomenon look and look this will be

1223

00:45:04,720 --> 00:45:03,440

the last question i really enjoy ancient

1224

00:45:06,609 --> 00:45:04,730

aliens because I just think it's wacky

1225

00:45:08,890 --> 00:45:06,619

it's out there I love it what is the

1226

00:45:10,960 --> 00:45:08,900

craptastic investigation show that you

1227

00:45:12,460 --> 00:45:10,970

will kind of enjoy watching or because

1228

00:45:16,750 --> 00:45:12,470

of the way you investigate you can't

1229

00:45:18,370 --> 00:45:16,760

abide any of them yeah the the the worst

1230

00:45:20,230 --> 00:45:18,380

one honestly is probably the ghost

1231

00:45:23,170 --> 00:45:20,240

hunters or ghost adventures

1232

00:45:27,070 --> 00:45:23,180

is so far removed from anything

1233

00:45:30,370 --> 00:45:27,080

resembling science is it's sometimes it

1234

00:45:32,710 --> 00:45:30,380

I find it just maddeningly hilarious and

1235

00:45:36,040 --> 00:45:32,720

sometimes I find it madelung frustrating

1236

00:45:38,350 --> 00:45:36,050

it just is just so I the one of those

1237

00:45:40,510 --> 00:45:38,360

who just just odd to see these these

1238

00:45:41,890 --> 00:45:40,520

grown adults pretending to do science

1239

00:45:44,050 --> 00:45:41,900

and print it pretending to do

1240

00:45:46,420 --> 00:45:44,060

investigation and oftentimes fooling

1241

00:45:48,010 --> 00:45:46,430

people into thinking they are and it

1242

00:45:51,070 --> 00:45:48,020

there's just nothing of the sort going

1243

00:45:52,990 --> 00:45:51,080

on it's it's just you know a vacuum of

1244

00:45:55,150 --> 00:45:53,000

stupidity and it's it's it's a it's

1245

00:45:56,560 --> 00:45:55,160

either funny or sad to bring how you

1246

00:45:58,000 --> 00:45:56,570

look at it and of course the shows are

1247

00:45:59,860 --> 00:45:58,010

really popular you think people are just

1248

00:46:02,230 --> 00:45:59,870

looking for the other and the truth

1249

00:46:04,270 --> 00:46:02,240

isn't that interesting to them yeah I

1250

00:46:06,310 --> 00:46:04,280

mean it's which is a shame to me because

1251
00:46:07,840 --> 00:46:06,320
I I think the world is fascinating

1252
00:46:10,180 --> 00:46:07,850
enough as it is I don't I don't need to

1253
00:46:12,010 --> 00:46:10,190
you know we don't need to look to for

1254
00:46:13,960 --> 00:46:12,020
for Bigfoot in SE and yaoi and

1255
00:46:15,730 --> 00:46:13,970
chupacabras to find amazing animal I

1256
00:46:18,460 --> 00:46:15,740
mean we have you know bats and cuddle

1257
00:46:21,220 --> 00:46:18,470
fish and squid and there's amazing

1258
00:46:22,450 --> 00:46:21,230
animals on the pygmy hippo the one of

1259
00:46:24,480 --> 00:46:22,460
the few animals in nature that looks

1260
00:46:26,710 --> 00:46:24,490
like it's wearing a skivvy or polo neck

1261
00:46:28,510 --> 00:46:26,720
absolutely and and all these things are

1262
00:46:30,370 --> 00:46:28,520
out there and so I in a way I kind of

1263
00:46:31,870 --> 00:46:30,380

feel sad for people who who aren't

1264

00:46:46,010 --> 00:46:31,880

satisfied with our world because there's

1265

00:46:50,390 --> 00:46:48,800

the hand side is a podcast of the

1266

00:46:53,570 --> 00:46:50,400

monthly lectures run back camera

1267

00:46:55,450 --> 00:46:53,580

skeptics incorporating each month camera

1268

00:46:58,190 --> 00:46:55,460

skeptics provides experts in their field

1269

00:47:00,710 --> 00:46:58,200

ranging from science and philosophy to

1270

00:47:03,170 --> 00:47:00,720

politics and national security with an

1271

00:47:07,370 --> 00:47:03,180

opportunity to present their views you

1272

00:47:10,760 --> 00:47:07,380

can find us at WWE embrace captives dog

1273

00:47:27,840 --> 00:47:10,770

latte you the hansard cameras kept its

1274

00:47:33,610 --> 00:47:31,080

joining me now all the way from the

1275

00:47:36,370 --> 00:47:33,620

sun-drenched streets of Melbourne

1276

00:47:38,950 --> 00:47:36,380

Australia adam van langenberg hello Adam

1277

00:47:41,590 --> 00:47:38,960

I Richard hey doing I'm doing really

1278

00:47:44,530 --> 00:47:41,600

well I'm so interested to hear to learn

1279

00:47:46,840 --> 00:47:44,540

that you conducted an experiment in your

1280

00:47:48,190 --> 00:47:46,850

classroom in your skeptical sort of Club

1281

00:47:51,790 --> 00:47:48,200

which you can tell us a little bit about

1282

00:47:53,800 --> 00:47:51,800

all about testing well I guess ESP in a

1283

00:47:56,740 --> 00:47:53,810

way wasn't it yeah I guess in a way I

1284

00:47:58,570 --> 00:47:56,750

mean a specific subset of ESP can you

1285

00:48:00,850 --> 00:47:58,580

tell whether or not somebody staring at

1286

00:48:03,940 --> 00:48:00,860

you without a actually being able to see

1287

00:48:06,460 --> 00:48:03,950

them which is a type of ability that a

1288

00:48:07,900 --> 00:48:06,470

lot of people often claim to have you

1289

00:48:09,310 --> 00:48:07,910

know I get the feeling that somebody's

1290

00:48:11,680 --> 00:48:09,320

looking at me and they turn around and

1291

00:48:13,960 --> 00:48:11,690

sure enough somebody is well that's an

1292

00:48:16,330 --> 00:48:13,970

interesting thing because I like adding

1293

00:48:18,070 --> 00:48:16,340

that the feeling from time to time who I

1294

00:48:21,070 --> 00:48:18,080

think somebody is looking at me I think

1295

00:48:22,750 --> 00:48:21,080

it's a very common experience whether

1296

00:48:24,880 --> 00:48:22,760

people are looking at you or not as a

1297

00:48:27,460 --> 00:48:24,890

different story of course so you said

1298

00:48:29,800 --> 00:48:27,470

about to test whether your students

1299

00:48:31,780 --> 00:48:29,810

could really tell if somebody was sort

1300

00:48:35,230 --> 00:48:31,790

of staring at them yeah we thought we'd

1301

00:48:38,140 --> 00:48:35,240

am given the challenge see see what we

1302

00:48:40,750 --> 00:48:38,150

could do so I got a six kids in the

1303

00:48:42,700 --> 00:48:40,760

group and I said why I said to the group

1304

00:48:46,270 --> 00:48:42,710

has anybody ever had that feeling before

1305

00:48:47,860 --> 00:48:46,280

and just about every hand went up so I

1306

00:48:50,080 --> 00:48:47,870

got six kids out of that group and

1307

00:48:53,070 --> 00:48:50,090

thought let's actually uh put this to

1308

00:48:57,190 --> 00:48:53,080

the test so I put buckets on their heads

1309

00:48:58,180 --> 00:48:57,200

Marcus only know your son I don't know

1310

00:48:59,500 --> 00:48:58,190

something that wasn't part of the

1311

00:49:00,760 --> 00:48:59,510

experiment that was just something I've

1312

00:49:02,560 --> 00:49:00,770

been meaning to do as a teacher for

1313

00:49:05,080 --> 00:49:02,570

years I see but let's just backpedal a

1314

00:49:07,450 --> 00:49:05,090

bit down why now did you put buckets on

1315

00:49:11,230 --> 00:49:07,460

on their heads because I must I must

1316

00:49:12,760 --> 00:49:11,240

tell our listeners that I and mr.

1317

00:49:15,400 --> 00:49:12,770

investigate as many years ago to a

1318

00:49:17,050 --> 00:49:15,410

little video about how to construct the

1319

00:49:18,820 --> 00:49:17,060

test if somebody was staring at you and

1320

00:49:20,890 --> 00:49:18,830

I understand you that you saw this but

1321

00:49:23,830 --> 00:49:20,900

you've taken it one step forward once

1322

00:49:25,840 --> 00:49:23,840

the step more why the buckets well I was

1323

00:49:28,090 --> 00:49:25,850

just a little bit worried i thought if

1324

00:49:30,160 --> 00:49:28,100

if a student could see somebody else

1325

00:49:31,240 --> 00:49:30,170

raise their hand or stand up in decay

1326

00:49:33,100 --> 00:49:31,250

that they thought that they were being

1327

00:49:36,040 --> 00:49:33,110

stared at maybe that might encourage

1328

00:49:37,600 --> 00:49:36,050

them to not do it they might think of

1329

00:49:39,160 --> 00:49:37,610

the person next to me is being stared at

1330

00:49:40,540 --> 00:49:39,170

then there's less of a chance that I'm

1331

00:49:42,880 --> 00:49:40,550

being stared out so i just wanted to

1332

00:49:45,550 --> 00:49:42,890

eliminate that possibility a little bit

1333

00:49:47,530 --> 00:49:45,560

and also to be honest it was quite fun

1334

00:49:49,240 --> 00:49:47,540

because i was able to advertise on the

1335

00:49:51,130 --> 00:49:49,250

school bulletin by saying you know do

1336

00:49:53,170 --> 00:49:51,140

you enjoy wearing buckets on your head

1337

00:49:54,610 --> 00:49:53,180

do you think you can be you can tell

1338

00:49:57,910 --> 00:49:54,620

when you're being stared at if so come

1339

00:49:59,020 --> 00:49:57,920

along ah well I i I'm all forwarding

1340

00:50:00,790 --> 00:49:59,030

anything you can do to encourage

1341

00:50:02,800 --> 00:50:00,800

students to take part in an interesting

1342

00:50:04,510 --> 00:50:02,810

experiment like that so that they turned

1343

00:50:07,630 --> 00:50:04,520

up and they're all there to see whether

1344

00:50:11,440 --> 00:50:07,640

they had this extra census extra ability

1345

00:50:13,720 --> 00:50:11,450

and how did the test go it went um it

1346

00:50:16,120 --> 00:50:13,730

went quite well i was i was worried I'm

1347

00:50:18,250 --> 00:50:16,130

always a little bit worried when doing

1348

00:50:20,530 --> 00:50:18,260

an experiment where probability plays a

1349

00:50:23,200 --> 00:50:20,540

large part in it because there's always

1350

00:50:26,050 --> 00:50:23,210

the chance that the kids get at a

1351
00:50:27,730 --> 00:50:26,060
hundred percent correct so I'm a little

1352
00:50:28,990 --> 00:50:27,740
bit nervous when doing things like that

1353
00:50:32,230 --> 00:50:29,000
just in case that happens but

1354
00:50:33,940 --> 00:50:32,240
fortunately it didn't one of the things

1355
00:50:35,440 --> 00:50:33,950
actually want to say one of the one of

1356
00:50:37,390 --> 00:50:35,450
the kids came up with a really brilliant

1357
00:50:39,180 --> 00:50:37,400
thought at the start of it the room that

1358
00:50:41,560 --> 00:50:39,190
we did it in has got these big windows

1359
00:50:43,330 --> 00:50:41,570
which look into one of the courtyards in

1360
00:50:45,340 --> 00:50:43,340
the school and a student started

1361
00:50:46,510 --> 00:50:45,350
shutting the curtains and I said on I

1362
00:50:48,040 --> 00:50:46,520
don't shut the curtains you know it's

1363
00:50:50,920 --> 00:50:48,050

quite a nice day outside let's get some

1364

00:50:53,140 --> 00:50:50,930

Sun lighting and the kids said but what

1365

00:50:56,050 --> 00:50:53,150

if people outside see what we're doing

1366

00:50:58,210 --> 00:50:56,060

and start looking into the room and that

1367

00:51:00,160 --> 00:50:58,220

will mock up who were all staring at oh

1368

00:51:02,770 --> 00:51:00,170

that's an interesting thought thought

1369

00:51:04,840 --> 00:51:02,780

that's very very clever because for the

1370

00:51:06,790 --> 00:51:04,850

experiment we had a random number appear

1371

00:51:09,730 --> 00:51:06,800

and whatever number appeared the kids

1372

00:51:10,840 --> 00:51:09,740

all had to stare at that person so they

1373

00:51:12,340 --> 00:51:10,850

thought you know what if people outside

1374

00:51:15,850 --> 00:51:12,350

the steering at the wrong person that

1375

00:51:17,170 --> 00:51:15,860

might stuff things up but the the

1376

00:51:19,450 --> 00:51:17,180

experiment went well they're a little

1377

00:51:22,300 --> 00:51:19,460

bit nervous at the start bit too timid

1378

00:51:24,940 --> 00:51:22,310

to put their hands up but they picked up

1379

00:51:27,280 --> 00:51:24,950

on it pretty quickly and I do have to

1380

00:51:29,320 --> 00:51:27,290

admit I got a vehicle hurried win one of

1381

00:51:32,860 --> 00:51:29,330

my boys kept his hand down for quite a

1382

00:51:34,360 --> 00:51:32,870

while and then on the seventh trial we

1383

00:51:37,420 --> 00:51:34,370

actually stared at him for the first

1384

00:51:40,150 --> 00:51:37,430

time in his hand went straight up and

1385

00:51:42,850 --> 00:51:40,160

all of us all of us is sort of looking

1386

00:51:43,849 --> 00:51:42,860

at each other and going are we um we

1387

00:51:47,650 --> 00:51:43,859

just found an actual

1388

00:51:49,579 --> 00:51:47,660

like if we get a a contender for the

1389

00:51:52,579 --> 00:51:49,589

Australian skeptics hundred thousand

1390

00:51:55,089 --> 00:51:52,589

dollar prize is this a classic case of a

1391

00:51:57,739 --> 00:51:55,099

correlation does not equal causation

1392

00:51:59,630 --> 00:51:57,749

well I was hoping it would because I

1393

00:52:01,400 --> 00:51:59,640

would have liked to have I would have

1394

00:52:04,370 --> 00:52:01,410

claimed I think I lived in that price

1395

00:52:05,960 --> 00:52:04,380

that he wanted but unfortunately his

1396

00:52:07,279 --> 00:52:05,970

abilities left him pretty quickly and

1397

00:52:10,279 --> 00:52:07,289

then he kept putting up his hand in the

1398

00:52:12,319 --> 00:52:10,289

wrong point so in the entire thing in

1399

00:52:16,430 --> 00:52:12,329

the the time we had we could only run 18

1400

00:52:19,819 --> 00:52:16,440

trials but in that 18 trial in those 18

1401
00:52:22,339 --> 00:52:19,829
trials we had one person put up their

1402
00:52:25,099 --> 00:52:22,349
hand when they were being stared at okay

1403
00:52:27,769 --> 00:52:25,109
so probably a tad below what you would

1404
00:52:30,559 --> 00:52:27,779
expect but it is a limited sample size

1405
00:52:32,690 --> 00:52:30,569
it was a very small sample size yet it

1406
00:52:34,999 --> 00:52:32,700
was below what we expected so I actually

1407
00:52:36,829 --> 00:52:35,009
think that the reason a lot of these

1408
00:52:38,690 --> 00:52:36,839
kids come to the skeptics club is

1409
00:52:40,309 --> 00:52:38,700
because they're anti psychic they

1410
00:52:42,349 --> 00:52:40,319
actually have some kind of psychic power

1411
00:52:46,099 --> 00:52:42,359
that blocks their ability to detect

1412
00:52:48,950 --> 00:52:46,109
things well that's that's a old excuse

1413
00:52:51,440 --> 00:52:48,960

run by us when psychics psychics I use

1414

00:52:53,690 --> 00:52:51,450

the term in quotation marks fail as

1415

00:52:55,279 --> 00:52:53,700

various tests by the skeptics you know

1416

00:52:56,930 --> 00:52:55,289

sometimes I say oh that's because the

1417

00:53:00,170 --> 00:52:56,940

skeptics were there blocking our powers

1418

00:53:02,089 --> 00:53:00,180

or something like that absolutely no so

1419

00:53:04,489 --> 00:53:02,099

you've discovered our own magical powers

1420

00:53:06,589 --> 00:53:04,499

we were room full of students who can do

1421

00:53:08,690 --> 00:53:06,599

this amazing power that in itself is a

1422

00:53:09,979 --> 00:53:08,700

psychic power so that in itself you

1423

00:53:12,109 --> 00:53:09,989

could probably apply for the hundred

1424

00:53:14,180 --> 00:53:12,119

thousand dollar prize that's a good idea

1425

00:53:16,249 --> 00:53:14,190

get a few skeptics in and stop their

1426

00:53:17,720 --> 00:53:16,259

abilities from working after getting I'd

1427

00:53:20,150 --> 00:53:17,730

known as just you're starting to do my

1428

00:53:22,190 --> 00:53:20,160

head in adam but about from having

1429

00:53:25,039 --> 00:53:22,200

people wearing buckets and kids staring

1430

00:53:28,279 --> 00:53:25,049

at other kids it sounds like and I was

1431

00:53:30,670 --> 00:53:28,289

very lucky I was a guest of yours Oh a

1432

00:53:33,170 --> 00:53:30,680

year or two now ago to speak at your

1433

00:53:35,660 --> 00:53:33,180

skeptics club how is the skeptics club

1434

00:53:38,630 --> 00:53:35,670

at your school going in general it's

1435

00:53:41,420 --> 00:53:38,640

going well I've got my nice little group

1436

00:53:42,950 --> 00:53:41,430

of regulars coming along I've had a some

1437

00:53:45,460 --> 00:53:42,960

kids expressing interest in actually

1438

00:53:48,950 --> 00:53:45,470

running a few sessions which is

1439

00:53:50,150 --> 00:53:48,960

wonderfully in their arm it's sort of at

1440

00:53:51,650 --> 00:53:50,160

the start of it they were just you know

1441

00:53:52,999 --> 00:53:51,660

coming along to the sessions and

1442

00:53:54,380 --> 00:53:53,009

listening to what I had to say and you

1443

00:53:56,779 --> 00:53:54,390

know having discussions but now they're

1444

00:53:57,470 --> 00:53:56,789

actually going off and looking up things

1445

00:54:00,320 --> 00:53:57,480

on their own

1446

00:54:02,060 --> 00:54:00,330

I've got a one girl who came to me just

1447

00:54:03,920 --> 00:54:02,070

the other day and she said all of these

1448

00:54:05,870 --> 00:54:03,930

all of my ear sevens do the other you

1449

00:54:08,800 --> 00:54:05,880

seven students are really worried about

1450

00:54:11,000 --> 00:54:08,810

this Illuminati group really so amongst

1451
00:54:12,920 --> 00:54:11,010
amongst a lot of the kids they've been

1452
00:54:15,560 --> 00:54:12,930
passing around these YouTube videos and

1453
00:54:17,630 --> 00:54:15,570
sharing them on Facebook about the

1454
00:54:19,820 --> 00:54:17,640
Illuminati so she was saying I can you

1455
00:54:21,590 --> 00:54:19,830
you know can you do something about that

1456
00:54:23,390 --> 00:54:21,600
and can you try to get these kids and

1457
00:54:26,780 --> 00:54:23,400
you know talk to him about what's

1458
00:54:29,000 --> 00:54:26,790
happening there I started up a website

1459
00:54:30,500 --> 00:54:29,010
for the group just a Google site through

1460
00:54:33,140 --> 00:54:30,510
the school's Network a while ago and

1461
00:54:35,570 --> 00:54:33,150
sort of got a bit I stopped doing it

1462
00:54:37,670 --> 00:54:35,580
because the idea of it was just to you

1463
00:54:39,080 --> 00:54:37,680

know teach people about different areas

1464

00:54:40,849 --> 00:54:39,090

and skepticism but I figured there a

1465

00:54:43,430 --> 00:54:40,859

milling websites out like that anyway so

1466

00:54:44,990 --> 00:54:43,440

I reinvent the wheel but just a couple

1467

00:54:46,460 --> 00:54:45,000

of weeks ago one of my kids had found

1468

00:54:48,620 --> 00:54:46,470

that and said well why don't we start

1469

00:54:50,359 --> 00:54:48,630

doing it we can go on research different

1470

00:54:51,800 --> 00:54:50,369

topics and then we can write little

1471

00:54:54,349 --> 00:54:51,810

articles about them and put them up on

1472

00:54:57,470 --> 00:54:54,359

the site so that was I thought that was

1473

00:55:00,580 --> 00:54:57,480

great as well and even a couple of kids

1474

00:55:02,870 --> 00:55:00,590

who the next time there's a skeptic camp

1475

00:55:04,250 --> 00:55:02,880

have because I've heard about the

1476
00:55:05,810 --> 00:55:04,260
skeptics came and they've said I'll could

1477
00:55:07,580 --> 00:55:05,820
we do a skeptic am could we actually

1478
00:55:10,160 --> 00:55:07,590
come along and give a presentation wow

1479
00:55:13,190 --> 00:55:10,170
so deeply um they're really starting to

1480
00:55:15,109 --> 00:55:13,200
get into the idea of not just come to

1481
00:55:17,359 --> 00:55:15,119
the club to learn about things but now

1482
00:55:18,800 --> 00:55:17,369
to actually start taking those things on

1483
00:55:21,109 --> 00:55:18,810
board and maybe teach other people

1484
00:55:23,480 --> 00:55:21,119
that's that's very encouraging now of

1485
00:55:25,490 --> 00:55:23,490
course you're going to be a speaker as I

1486
00:55:28,160 --> 00:55:25,500
will be at the upcoming Australian

1487
00:55:29,740 --> 00:55:28,170
skeptics National Convention I any of

1488
00:55:34,430 --> 00:55:29,750

your students planning to come along

1489

00:55:36,590 --> 00:55:34,440

yeah I've got um 11 student so far has

1490

00:55:38,330 --> 00:55:36,600

confirmed that she's um coming along I

1491

00:55:42,170 --> 00:55:38,340

think she I think she actually had to

1492

00:55:43,490 --> 00:55:42,180

make a decision between that or spending

1493

00:55:44,750 --> 00:55:43,500

spending the money on something else

1494

00:55:47,180 --> 00:55:44,760

that you'd been really looking forward

1495

00:55:48,470 --> 00:55:47,190

to doing and she'll sort of try to make

1496

00:55:50,660 --> 00:55:48,480

a decision about it but just the other

1497

00:55:52,880 --> 00:55:50,670

day she said no I've decided I want to

1498

00:55:54,710 --> 00:55:52,890

come to the skeptics convention mm-hmm I

1499

00:55:56,210 --> 00:55:54,720

think also the the thought of being at

1500

00:55:58,880 --> 00:55:56,220

the thing and getting to me James Randi

1501
00:56:00,410 --> 00:55:58,890
in person would get quite excited she's

1502
00:56:01,880 --> 00:56:00,420
actually very excited about a lot of the

1503
00:56:03,470 --> 00:56:01,890
people coming when she's going on James

1504
00:56:05,210 --> 00:56:03,480
Randy's there who she's watched sheets

1505
00:56:07,430 --> 00:56:05,220
of his YouTube you know she listens to

1506
00:56:10,280 --> 00:56:07,440
your podcast cool so she's excited to uh

1507
00:56:11,410 --> 00:56:10,290
to meet you and dr. ray cheese she's

1508
00:56:13,380 --> 00:56:11,420
excited to meet Rebecca

1509
00:56:16,380 --> 00:56:13,390
watson because she follows her as well

1510
00:56:18,700 --> 00:56:16,390
so it's nice to hear you know a

1511
00:56:21,430 --> 00:56:18,710
fifteen-year-old girl getting excited

1512
00:56:23,530 --> 00:56:21,440
about meeting her skeptical heroes well

1513
00:56:25,930 --> 00:56:23,540

it's very very encouraging to hear that

1514

00:56:28,210 --> 00:56:25,940

and I can't wait to meet to meet her at

1515

00:56:31,089 --> 00:56:28,220

the convention and have a chat with her

1516

00:56:32,799 --> 00:56:31,099

about her outlook now before we go it

1517

00:56:35,230 --> 00:56:32,809

always interested me because as you know

1518

00:56:36,880 --> 00:56:35,240

i also do educational outreach i do a

1519

00:56:39,039 --> 00:56:36,890

show called the mystery investigators of

1520

00:56:41,109 --> 00:56:39,049

dr. Rachael and Ian Bryce from time to

1521

00:56:42,549 --> 00:56:41,119

time and one of the one of the things

1522

00:56:45,579 --> 00:56:42,559

that really interests me when I'm

1523

00:56:47,680 --> 00:56:45,589

talking to school students is what

1524

00:56:49,569 --> 00:56:47,690

they've heard about and I always try to

1525

00:56:52,900 --> 00:56:49,579

remember back to when I was their age in

1526
00:56:55,120 --> 00:56:52,910
the 1970s and that was a really big time

1527
00:56:58,450 --> 00:56:55,130
for UFOs and Bigfoot especially I

1528
00:57:00,460 --> 00:56:58,460
remember is it have you discovered or do

1529
00:57:02,079 --> 00:57:00,470
you have you found much the same thing

1530
00:57:04,450 --> 00:57:02,089
that kids are really still interested in

1531
00:57:08,039 --> 00:57:04,460
monsters and UFOs and and like we could

1532
00:57:11,289 --> 00:57:08,049
say the old fashioned sort of phenomena

1533
00:57:13,680 --> 00:57:11,299
not um not monsters so much the biggest

1534
00:57:17,380 --> 00:57:13,690
thing I hear about from kids is

1535
00:57:19,900 --> 00:57:17,390
conspiracy theories really wow that's um

1536
00:57:21,970 --> 00:57:19,910
that's what they're sort of into a

1537
00:57:23,650 --> 00:57:21,980
little bit at the moment there's a lie

1538
00:57:27,339 --> 00:57:23,660

like I mentioned before the idea of the

1539

00:57:28,720 --> 00:57:27,349

illuminati yeah and another teacher just

1540

00:57:31,030 --> 00:57:28,730

a couple of weeks ago actually said that

1541

00:57:34,539 --> 00:57:31,040

a bunch of his e7 students were all

1542

00:57:36,549 --> 00:57:34,549

talking about oh it wasn't the

1543

00:57:37,930 --> 00:57:36,559

illuminati but again it was a similar

1544

00:57:41,140 --> 00:57:37,940

thing you know about a shadowy

1545

00:57:44,140 --> 00:57:41,150

organization that sort of us controlling

1546

00:57:45,849 --> 00:57:44,150

a lot of governments and and stuff like

1547

00:57:49,420 --> 00:57:45,859

that so conspiracy theories are a bit

1548

00:57:51,190 --> 00:57:49,430

big at the moment UFOs definitely the

1549

00:57:54,069 --> 00:57:51,200

interesting route UFOs but they're not

1550

00:57:57,430 --> 00:57:54,079

that's not the buds right at the moment

1551
00:57:59,440 --> 00:57:57,440
right well I mean my listeners of my age

1552
00:58:02,950 --> 00:57:59,450
and around my age of them sort of the

1553
00:58:05,049 --> 00:58:02,960
mid 40s or that era will certainly

1554
00:58:07,710 --> 00:58:05,059
remember what it was like in the 1970s

1555
00:58:10,420 --> 00:58:07,720
with UFO documentaries and movies and

1556
00:58:11,740 --> 00:58:10,430
aliens every way I mean couldn't leave

1557
00:58:13,809 --> 00:58:11,750
the house without stumbling over an

1558
00:58:15,960 --> 00:58:13,819
alien or two I guess things change and

1559
00:58:17,920 --> 00:58:15,970
it's interesting to hear that kids are

1560
00:58:20,500 --> 00:58:17,930
somewhat interested in and all the

1561
00:58:22,650 --> 00:58:20,510
conspiracy theories out there now I I

1562
00:58:24,570 --> 00:58:22,660
really think what you're doing is

1563
00:58:26,610 --> 00:58:24,580

a great idea this this whole skeptical

1564

00:58:28,890 --> 00:58:26,620

club at the school how can other

1565

00:58:30,690 --> 00:58:28,900

teachers listening to this who I think

1566

00:58:34,020 --> 00:58:30,700

that might be a good idea how can they

1567

00:58:39,090 --> 00:58:34,030

get in contact with you best way to

1568

00:58:41,040 --> 00:58:39,100

contact me is through my blog where each

1569

00:58:42,540 --> 00:58:41,050

week I write up what we've done in the

1570

00:58:44,520 --> 00:58:42,550

group so people that want to see what

1571

00:58:46,500 --> 00:58:44,530

type of activities we doing what type of

1572

00:58:48,780 --> 00:58:46,510

discussions we have you know what the

1573

00:58:50,760 --> 00:58:48,790

kids have to say I put all of that

1574

00:58:55,200 --> 00:58:50,770

straight up on the website so the

1575

00:58:58,650 --> 00:58:55,210

address to that is ww skeptics cool calm

1576

00:59:00,240 --> 00:58:58,660

and it's skeptic with a see if there is

1577

00:59:02,040 --> 00:59:00,250

another website skeptic with this okay I

1578

00:59:04,950 --> 00:59:02,050

think that goes to the J ref page action

1579

00:59:07,670 --> 00:59:04,960

but I'm skeptic school with a sea will

1580

00:59:10,890 --> 00:59:07,680

go to my blog and from there they can

1581

00:59:12,810 --> 00:59:10,900

leave a comment or send me an email they

1582

00:59:15,870 --> 00:59:12,820

can also armed skeptic school if they

1583

00:59:17,550 --> 00:59:15,880

search for that on twitter okay so i can

1584

00:59:19,110 --> 00:59:17,560

follow me through twitter and I mean

1585

00:59:20,340 --> 00:59:19,120

there's a Facebook page as well so you

1586

00:59:23,220 --> 00:59:20,350

can do a search for skeptics school

1587

00:59:24,810 --> 00:59:23,230

there also and I noticed that in the

1588

00:59:26,160 --> 00:59:24,820

very latest issue of the skeptic

1589

00:59:28,800 --> 00:59:26,170

magazine that's the skeptic magazine

1590

00:59:31,260 --> 00:59:28,810

from here in Australia the Australian

1591

00:59:34,320 --> 00:59:31,270

skeptics magazine there is a report a

1592

00:59:38,370 --> 00:59:34,330

write-up of your staring test with the

1593

00:59:39,870 --> 00:59:38,380

buckets yeah I am yep I've had a look at

1594

00:59:41,400 --> 00:59:39,880

the sample of that as well so I'm

1595

00:59:43,680 --> 00:59:41,410

looking forward to that coming out also

1596

00:59:44,970 --> 00:59:43,690

we'll add them all power to you i really

1597

00:59:46,800 --> 00:59:44,980

appreciate what you're doing in the

1598

00:59:47,970 --> 00:59:46,810

classroom there you know what I'm it's

1599

00:59:50,040 --> 00:59:47,980

it's been a while I'm going to have to

1600

00:59:52,380 --> 00:59:50,050

make a trip down to Melbourne maybe

1601
00:59:54,150 --> 00:59:52,390
maybe early next year and give another

1602
00:59:56,760 --> 00:59:54,160
talk to your skeptical group I'd really

1603
00:59:58,380 --> 00:59:56,770
like to do that absolutely the kids

1604
01:00:01,110 --> 00:59:58,390
would our kids would love to see you

1605
01:00:03,090 --> 01:00:01,120
again I know that much adam van

1606
01:00:05,130 --> 01:00:03,100
langenberg The Skeptical teacher from

1607
01:00:28,620 --> 01:00:05,140
Melbourne thank you very much thanks

1608
01:00:34,089 --> 01:00:31,540
thank you for listening to the skeptic

1609
01:00:36,700 --> 01:00:34,099
zone wow what an interesting life Ben

1610
01:00:38,680 --> 01:00:36,710
Bradford has folks I'd love to go out

1611
01:00:40,390 --> 01:00:38,690
one day and with the bend and have an

1612
01:00:41,980 --> 01:00:40,400
investigation there's some mystery or

1613
01:00:44,109 --> 01:00:41,990

ghosts or monster or something like that

1614

01:00:46,599 --> 01:00:44,119

that would be fantastic fun and well

1615

01:00:49,359 --> 01:00:46,609

done to adam van langenberg for really

1616

01:00:51,849 --> 01:00:49,369

helping to spread the skeptical message

1617

01:00:55,390 --> 01:00:51,859

which is really science in the schools

1618

01:00:58,990 --> 01:00:55,400

the way he does as hats off to you Adam

1619

01:01:01,299 --> 01:00:59,000

well done now before I go before I go

1620

01:01:04,299 --> 01:01:01,309

the folks who are involved in putting

1621

01:01:06,609 --> 01:01:04,309

together the convention in Melbourne at

1622

01:01:09,430 --> 01:01:06,619

the end of november well there's an idea

1623

01:01:11,620 --> 01:01:09,440

that if we can do it if we can do it in

1624

01:01:15,609 --> 01:01:11,630

time if we can organise it would love to

1625

01:01:17,710 --> 01:01:15,619

have somebody apply for our \$100,000

1626

01:01:21,210 --> 01:01:17,720

prize or indeed the James Randi 1

1627

01:01:23,500 --> 01:01:21,220

million dollar prize and have them

1628

01:01:25,870 --> 01:01:23,510

tested or at least have somebody give a

1629

01:01:28,630 --> 01:01:25,880

demonstration of their amazing a power

1630

01:01:31,150 --> 01:01:28,640

or ability during the melbourne

1631

01:01:34,059 --> 01:01:31,160

convention if we can arrange it so if

1632

01:01:36,309 --> 01:01:34,069

you're out there and you'd like to strut

1633

01:01:38,380 --> 01:01:36,319

your stuff for James Randi or the

1634

01:01:41,530 --> 01:01:38,390

Australian skeptics or something like

1635

01:01:44,170 --> 01:01:41,540

that and you have my personal ironclad

1636

01:01:46,930 --> 01:01:44,180

guarantee we shall treat you fairly and

1637

01:01:51,849 --> 01:01:46,940

with respect and any tests we do add

1638

01:01:53,650 --> 01:01:51,859

designed for you to win if you have your

1639

01:01:55,900 --> 01:01:53,660

power if your power is real then the

1640

01:02:00,250 --> 01:01:55,910

tests are specifically designed so you

1641

01:02:02,109 --> 01:02:00,260

will pass them contact us let us know if

1642

01:02:07,329 --> 01:02:02,119

you're at all interested in the best way

1643

01:02:10,690 --> 01:02:07,339

to do that is via WWV skeptics wordpress

1644

01:02:11,920 --> 01:02:10,700

com there's a million dollars out there

1645

01:02:15,280 --> 01:02:11,930

at least a hundred thousand from

1646

01:02:16,809 --> 01:02:15,290

Australian skeptics have a think contact

1647

01:02:18,819 --> 01:02:16,819

us sender well we'll see what we can

1648

01:02:22,089 --> 01:02:18,829

cook up well it's still a lovely day

1649

01:02:23,920 --> 01:02:22,099

outside of planes are sort of all landed

1650

01:02:26,079 --> 01:02:23,930

now while the role taken off to

1651

01:02:27,549 --> 01:02:26,089

somewhere I'm going to go outside it's

1652

01:02:31,140 --> 01:02:27,559

such a beautiful day I'm going to find

1653

01:02:34,960 --> 01:02:31,150

dumb some soft-serve ice cream or here

1654

01:02:37,060 --> 01:02:34,970

chocolate dipped oh yeah they'll get me

1655

01:02:39,160 --> 01:02:37,070

through until next week's episode

1656

01:02:41,650 --> 01:02:39,170

the skeptic zone until then this is

1657

01:02:47,860 --> 01:02:41,660

Richard Saunders signing off from Sydney

1658

01:02:52,540 --> 01:02:47,870

Australia you've been listening to the

1659

01:02:56,380 --> 01:02:52,550

skeptic zone visit our website at www