

The SKEptic Zone
Show 367 - 1 Nov 2015



Maureen Chuck

1
00:00:03,200 --> 00:00:01,790
hey this is John Flansburg if they might

2
00:00:12,169 --> 00:00:03,210
be giants and you're listening to the

3
00:00:15,110 --> 00:00:12,179
skeptical zone welcome to the skeptical zone

4
00:00:30,609 --> 00:00:15,120
the podcast from Australia for science

5
00:00:37,040 --> 00:00:33,830
hello and welcome to the skeptical zone

6
00:00:40,130 --> 00:00:37,050
from a stormy Sydney Australia this is

7
00:00:44,180 --> 00:00:40,140
episode number 367 on the first of

8
00:00:48,250 --> 00:00:44,190
November 2015 as I look outside the

9
00:00:51,680 --> 00:00:48,260
window here grace guys scattered cloud

10
00:00:55,340 --> 00:00:51,690
mixture of dark and light grey bolts of

11
00:00:58,580 --> 00:00:55,350
lightning thunder near and far I better

12
00:01:00,170 --> 00:00:58,590
watch out I thought I'd give you a

13
00:01:01,910 --> 00:01:00,180

little bit ok so now I thought I'd give

14

00:01:04,490 --> 00:01:01,920

you a little bit of local atmosphere

15

00:01:05,420 --> 00:01:04,500

coming up on this week's show as you

16

00:01:06,920 --> 00:01:05,430

heard right at the top of the show a

17

00:01:08,870 --> 00:01:06,930

nice little introduction there by John

18

00:01:11,660 --> 00:01:08,880

flensburg from they might be giants

19

00:01:16,490 --> 00:01:11,670

Maynard catches up with him to talk

20

00:01:18,490 --> 00:01:16,500

about the album about science and some

21

00:01:21,380 --> 00:01:18,500

two dates for they might be giants oh

22

00:01:24,230 --> 00:01:21,390

wow that was a big bowl of lightning

23

00:01:30,270 --> 00:01:24,240

about two kilometres away I'm guessing

24

00:01:34,920 --> 00:01:32,219

those of you who good at counting can

25

00:01:36,690 --> 00:01:34,930

configure that out after that we have a

26

00:01:37,680 --> 00:01:36,700

talk from skeptic camp which was just

27

00:01:39,600 --> 00:01:37,690

before the Australian National

28

00:01:42,210 --> 00:01:39,610

Convention a few weeks ago in Brisbane

29

00:01:46,080 --> 00:01:42,220

where Maureen Chuck will talk about the

30

00:01:49,080 --> 00:01:46,090

court case and the outcome the heavy

31

00:01:51,480 --> 00:01:49,090

penalty awarded against homeopathy plus

32

00:01:54,690 --> 00:01:51,490

and fran sheffield homeopathy plus you

33

00:01:57,120 --> 00:01:54,700

might remember the outfit the zany wacky

34

00:02:00,359 --> 00:01:57,130

outfit that was publicizing on their

35

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

website the the news the information

36

00:02:04,529 --> 00:02:02,170

that you can use their magic sugar water

37

00:02:08,070 --> 00:02:04,539

to protect against things like pertussis

38

00:02:12,120 --> 00:02:08,080

oh dear do they get their comeuppance oh

39

00:02:14,130 --> 00:02:12,130

yes they do find out soon with the top

40

00:02:20,490 --> 00:02:14,140

given by Maureen Chuck that was another

41

00:02:23,910 --> 00:02:20,500

big bolt of lightning I just saw Wow

42

00:02:25,890 --> 00:02:23,920

mm-hmm been to round off the show it's

43

00:02:27,870 --> 00:02:25,900

Maynard spooky action at the National

44

00:02:30,690 --> 00:02:27,880

Convention part two of his interview

45

00:02:32,790 --> 00:02:30,700

with Joan nickel the legendary skeptical

46

00:02:36,900 --> 00:02:32,800

investigator this week Joe will be

47

00:02:38,550 --> 00:02:36,910

talking about Thunder no you won't it's

48

00:02:40,920 --> 00:02:38,560

a lot of thunder this week Joe will be

49

00:02:45,000 --> 00:02:40,930

talking about the Shroud of Turin how to

50

00:02:47,400 --> 00:02:45,010

investigate mysteries and UFO abductions

51
00:02:48,960 --> 00:02:47,410
now this man is the man who knows all

52
00:02:51,479 --> 00:02:48,970
about these subjects what a fascinating

53
00:02:54,240 --> 00:02:51,489
man he is and thank you again to maenad

54
00:02:56,160 --> 00:02:54,250
for such a wonderful interview part 2 of

55
00:02:58,800 --> 00:02:56,170
the interview of joe nickell coming up

56
00:03:01,500 --> 00:02:58,810
at the end of the show and now it's time

57
00:03:03,870 --> 00:03:01,510
for me to run quickly downstairs away

58
00:03:06,000 --> 00:03:03,880
from this thunder and lightning i open

59
00:03:09,300 --> 00:03:06,010
up my mother's old recipe book and make

60
00:03:11,280 --> 00:03:09,310
up a batch of peanut butter cookies stay

61
00:03:13,820 --> 00:03:11,290
tuned to the end of this episode after

62
00:03:15,860 --> 00:03:13,830
the music for an easter egg and

63
00:03:17,360 --> 00:03:15,870

about peanut butter cookies i like them

64

00:03:20,750 --> 00:03:17,370

so much I've liked them since the late

65

00:03:23,450 --> 00:03:20,760

60s you might enjoy them too well I do

66

00:03:39,190 --> 00:03:23,460

all that I hope you enjoy the skeptic

67

00:03:49,920 --> 00:03:44,390

here's my not spooky action at the

68

00:03:58,780 --> 00:03:55,080

iron is a metal you say it every day

69

00:04:03,850 --> 00:03:58,790

oxygen eventually we'll take it rust

70

00:04:08,710 --> 00:04:03,860

away carbon in it's Ordinary Form is

71

00:04:15,069 --> 00:04:08,720

cold crush it together and diamonds are

72

00:04:17,199 --> 00:04:15,079

born look at us that they've actually

73

00:04:18,729 --> 00:04:17,209

Giants the two John's Flansburg who were

74

00:04:21,039 --> 00:04:18,739

speaking to and mr. little they will be

75

00:04:23,830 --> 00:04:21,049

touring across Australia in November go

76
00:04:26,020 --> 00:04:23,840
see them they formed in 82 according to

77
00:04:28,090 --> 00:04:26,030
wikipedia my favorite album of theirs is

78
00:04:30,370 --> 00:04:28,100
Apollo 18 my favorite track on the album

79
00:04:32,200 --> 00:04:30,380
is fingertips their last album was

80
00:04:36,400 --> 00:04:32,210
nanobots my favorite song on that was

81
00:04:38,469 --> 00:04:36,410
Tesla there that that's about me aha how

82
00:04:42,219 --> 00:04:38,479
well we've had a new album out since

83
00:04:44,560 --> 00:04:42,229
then called gleam and I think I think

84
00:04:47,650 --> 00:04:44,570
all your new favourite songs are on that

85
00:04:49,600 --> 00:04:47,660
oh okay well i will update my software

86
00:04:53,589 --> 00:04:49,610
in my brain on that immediately after

87
00:04:55,690 --> 00:04:53,599
the interview yeah yeah although strange

88
00:04:57,969 --> 00:04:55,700

strangely enough we actually have two

89

00:04:59,790 --> 00:04:57,979

more albums coming out in the next four

90

00:05:02,110 --> 00:04:59,800

months well you've got you've got a

91

00:05:04,300 --> 00:05:02,120

greatest hits double CD coming out

92

00:05:06,100 --> 00:05:04,310

fairly shortly in Australia 50 million

93

00:05:09,339 --> 00:05:06,110

they might be giant songs can't be wrong

94

00:05:11,830 --> 00:05:09,349

on an Elvis tip there yeah yeah that

95

00:05:14,589 --> 00:05:11,840

john linnell cooked up that title i love

96

00:05:16,450 --> 00:05:14,599

the title i think it's uh it's very it's

97

00:05:19,360 --> 00:05:16,460

very appropriate especially considering

98

00:05:20,860 --> 00:05:19,370

that it's a double CD with like a you

99

00:05:24,580 --> 00:05:20,870

know it seems like it's got like 30

100

00:05:27,430 --> 00:05:24,590

songs a disc on it so it's really it's

101
00:05:29,200 --> 00:05:27,440
oversized so how did you choose the ones

102
00:05:31,990 --> 00:05:29,210
to go on they do to you have an arm

103
00:05:33,640 --> 00:05:32,000
wrestle how did you work it out oh we

104
00:05:36,420 --> 00:05:33,650
did it the old-fashioned way we look we

105
00:05:40,680 --> 00:05:36,430
let the record company figure it out we

106
00:05:45,010 --> 00:05:40,690
the one the first disc is actually from

107
00:05:47,890 --> 00:05:45,020
a compilation that we that we did with

108
00:05:51,700 --> 00:05:47,900
rhino and the United States a few years

109
00:05:54,460 --> 00:05:51,710
back which I think I think what's called

110
00:05:56,830 --> 00:05:54,470
the users guide so that was kind of like

111
00:05:59,200 --> 00:05:56,840
a greatest hits of like the first

112
00:06:02,020 --> 00:05:59,210
15 or 20 years of our career and then

113
00:06:04,810 --> 00:06:02,030

the second disc was combat compiled by

114

00:06:08,020 --> 00:06:04,820

the Australian record company who are

115

00:06:09,760 --> 00:06:08,030

very very thoughtful about how to do it

116

00:06:12,490 --> 00:06:09,770

and did a good job and I don't think

117

00:06:14,170 --> 00:06:12,500

there was any I can't remember there was

118

00:06:17,830 --> 00:06:14,180

some there were some small revisions but

119

00:06:19,270 --> 00:06:17,840

nothing nothing to too picky now i want

120

00:06:21,700 --> 00:06:19,280

to point to the science album because I

121

00:06:23,590 --> 00:06:21,710

do love the science album the here comes

122

00:06:26,379 --> 00:06:23,600

science that was a great album thank you

123

00:06:29,080 --> 00:06:26,389

and and and great for kids too and look

124

00:06:30,580 --> 00:06:29,090

if we were to play a song off that we've

125

00:06:32,320 --> 00:06:30,590

gone through the one about the Sun the

126

00:06:33,640 --> 00:06:32,330

controversial Sun issue which we all

127

00:06:35,440 --> 00:06:33,650

know about but is that one on that do

128

00:06:37,510 --> 00:06:35,450

you think P you think people could well

129

00:06:38,860 --> 00:06:37,520

you know it was controversial a dime is

130

00:06:40,330 --> 00:06:38,870

that one you think people could learn

131

00:06:44,200 --> 00:06:40,340

something from off that album that they

132

00:06:46,450 --> 00:06:44,210

don't think about normally well I mean

133

00:06:48,960 --> 00:06:46,460

the song meet the elements is actually a

134

00:06:52,870 --> 00:06:48,970

pretty good little sort of you know

135

00:06:54,580 --> 00:06:52,880

primary course in how elements what the

136

00:06:57,010 --> 00:06:54,590

elements are and and what it's all about

137

00:07:01,570 --> 00:06:57,020

can I ask you mr. plans what is your

138

00:07:03,779 --> 00:07:01,580

favorite element oh I'm personally very

139

00:07:06,010 --> 00:07:03,789

fond of oxygen whenever I can guess

140

00:07:08,350 --> 00:07:06,020

that's true it does tend to be popular

141

00:07:11,620 --> 00:07:08,360

I'm a bit of a fan of amira conium just

142

00:07:13,719 --> 00:07:11,630

because it's so rare and unusual oh that

143

00:07:16,600 --> 00:07:13,729

sounds like a good one is that as that a

144

00:07:18,310 --> 00:07:16,610

one of the expansion team yeah it's one

145

00:07:20,379 --> 00:07:18,320

of the expansion ones it's very rare

146

00:07:21,670 --> 00:07:20,389

it's in most phones and electronics in a

147

00:07:23,710 --> 00:07:21,680

small amount and there's only a few

148

00:07:25,510 --> 00:07:23,720

places in the world you can mine and I

149

00:07:28,690 --> 00:07:25,520

think getting and a little bit in China

150

00:07:30,610 --> 00:07:28,700

we have some in Australia of course was

151

00:07:33,310 --> 00:07:30,620

it added to the periodic table like

152

00:07:35,080 --> 00:07:33,320

later on yeah yes it was yeah right

153

00:07:37,120 --> 00:07:35,090

right right because there are like

154

00:07:39,670 --> 00:07:37,130

there's like a half dozen or so right

155

00:07:41,920 --> 00:07:39,680

there to all new and they all have names

156

00:07:45,159 --> 00:07:41,930

like that there are like unobtainium e

157

00:07:46,690 --> 00:07:45,169

yes which is the great name and it must

158

00:07:49,659 --> 00:07:46,700

have been great going through and doing

159

00:07:51,190 --> 00:07:49,669

the track oh I mean the sign that was a

160

00:07:52,960 --> 00:07:51,200

really big challenge because it was like

161

00:07:55,390 --> 00:07:52,970

are you familiar with the concept of the

162

00:07:57,219 --> 00:07:55,400

peter principle which is like the idea

163

00:07:59,500 --> 00:07:57,229

of being promoted to your level of

164

00:08:01,210 --> 00:07:59,510

incompetent oh yes that's where but

165

00:08:02,860 --> 00:08:01,220

people naturally rise to the level where

166

00:08:04,330 --> 00:08:02,870

they keep trying to do things until

167

00:08:08,890 --> 00:08:04,340

eventually they get to the level where

168

00:08:10,460 --> 00:08:08,900

they fail yeah I feel like having you

169

00:08:12,530 --> 00:08:10,470

know the people at Disney were very calm

170

00:08:15,170 --> 00:08:12,540

evident that we could do this science

171

00:08:18,860 --> 00:08:15,180

album it's also very unusual to have

172

00:08:22,340 --> 00:08:18,870

your lyrics peer reviewed yeah exactly

173

00:08:24,920 --> 00:08:22,350

and you know I think I if we knew you

174

00:08:26,750 --> 00:08:24,930

know we know a lot about music but we

175

00:08:28,580 --> 00:08:26,760

weren't doing a here comes music out we

176

00:08:31,130 --> 00:08:28,590

were doing a science album so so we

177

00:08:32,839 --> 00:08:31,140

really needed some we needed some

178

00:08:35,659 --> 00:08:32,849

outside confirmation that we weren't

179

00:08:37,399 --> 00:08:35,669

just completely full of it well but

180

00:08:39,680 --> 00:08:37,409

thank you John plans maybe look forward

181

00:08:41,270 --> 00:08:39,690

to seeing you in Australia go see them

182

00:08:42,589 --> 00:08:41,280

people you gotta have a lot of fun think

183

00:08:44,420 --> 00:08:42,599

about whether you want to be people or

184

00:08:46,580 --> 00:08:44,430

Apes before you go it could be a bit

185

00:08:47,930 --> 00:08:46,590

confrontational at the time for a band

186

00:08:49,640 --> 00:08:47,940

that that's so you know you actually

187

00:08:52,370 --> 00:08:49,650

divisive as a band when you do that with

188

00:08:54,140 --> 00:08:52,380

no audience and I love it oh thank you

189

00:08:55,280 --> 00:08:54,150

so much for a pleasure it's been a

190

00:08:56,330 --> 00:08:55,290

pleasure thank you enjoy the rest of

191

00:08:57,860 --> 00:08:56,340

your day and i hope you interview is a

192

00:09:06,840 --> 00:08:57,870

great thank you seeing australia john

193

00:09:11,229 --> 00:09:09,159

hello may not here with some of these

194

00:09:13,989 --> 00:09:11,239

they might be giants to a dates isn't

195

00:09:16,389 --> 00:09:13,999

John Flansburg a lovely man okay for

196

00:09:17,799 --> 00:09:16,399

Australian listeners on the second of

197

00:09:19,989 --> 00:09:17,809

November they'll be in Perth Western

198

00:09:22,479 --> 00:09:19,999

Australia on the fourth of November

199

00:09:25,119 --> 00:09:22,489

hindmarsh of Australia get to that one

200

00:09:26,859 --> 00:09:25,129

that's the governor fortitude valley of

201

00:09:29,079 --> 00:09:26,869

course where else the Tivoli in

202

00:09:31,179 --> 00:09:29,089

Queensland on the fifth of November on

203

00:09:32,590 --> 00:09:31,189

the sixth of November that's when i'll

204

00:09:33,969 --> 00:09:32,600

be at sydney new south wales i'll be

205

00:09:35,559 --> 00:09:33,979

wandering around with my microphone at

206

00:09:37,659 --> 00:09:35,569

the enmore theatre come and say hello

207

00:09:39,759 --> 00:09:37,669

and then in melbourne on the seventh or

208

00:09:42,210 --> 00:09:39,769

november at the forum theatre and then

209

00:09:45,219 --> 00:09:42,220

of course they'll be in portland arm

210

00:09:47,619 --> 00:09:45,229

Emmy I think that's Maine Portland me

211

00:09:49,479 --> 00:09:47,629

you know at the port Portland City Music

212

00:09:51,069 --> 00:09:49,489

Hall that'll be on the nineteenth of

213

00:09:52,900 --> 00:09:51,079

November and then of course for those

214

00:09:55,239 --> 00:09:52,910

people in Leeds they might be giants

215

00:09:58,749 --> 00:09:55,249

play leads on the twenty-seventh of

216

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

January the brutal social club the final

217

00:10:03,069 --> 00:10:00,769

Polly break out there later and of

218

00:10:04,569 --> 00:10:03,079

course Glasgow where a fight has

219

00:10:07,509 --> 00:10:04,579

probably broken out Evans was speaking

220

00:10:11,289 --> 00:10:07,519

on the thirty-first of January they're

221

00:10:13,210 --> 00:10:11,299

playing there and it's in Petersburg

222

00:10:18,639 --> 00:10:13,220

Florida oh it's Florida okay that's on

223

00:10:20,379 --> 00:10:18,649

the fifth of April next year and all the

224

00:10:22,419 --> 00:10:20,389

latest eight we've got on the tenth of

225

00:10:24,189 --> 00:10:22,429

April next year in philadelphia PA

226

00:10:26,259 --> 00:10:24,199

through the living arts that's where

227

00:10:28,210 --> 00:10:26,269

they might be giants are playing but go

228

00:10:30,960 --> 00:10:28,220

see them in australia go that go the

229

00:10:34,840 --> 00:10:30,970

Aussies go straight out

230

00:10:37,030 --> 00:10:34,850

I'm eating veggie Mars as we speak can I

231

00:10:44,460 --> 00:10:37,040

say that is what you're gonna cut that

232

00:10:44,470 --> 00:10:50,749

and we see

233

00:10:55,319 --> 00:10:53,340

how much truth is there to claims of

234

00:10:57,689 --> 00:10:55,329

risk caused by the treatment of beef

235

00:10:59,519 --> 00:10:57,699

cattle with antibiotics I'm Tamra

236

00:11:05,460 --> 00:10:59,529

Robertson and you're hooked up to the

237

00:11:07,619 --> 00:11:05,470

feeding tube the feeding tube is the web

238

00:11:10,740 --> 00:11:07,629

video series that brings you the real

239

00:11:13,199 --> 00:11:10,750

facts behind popular food myths food

240

00:11:15,569 --> 00:11:13,209

whoo is the most pervasive pop

241

00:11:18,030 --> 00:11:15,579

pseudoscience out there right now and it

242

00:11:20,040 --> 00:11:18,040

desperately needs debunking each three

243

00:11:22,829 --> 00:11:20,050

minute episode is suitable for general

244

00:11:25,949 --> 00:11:22,839

audience and is produced by scientists

245

00:11:34,829 --> 00:11:25,959

for everyone the feeding tube check it

246

00:11:37,199 --> 00:11:34,839

out feeding tube TV welcome to a week in

247

00:11:40,079 --> 00:11:37,209

science from our oz bringing you the

248

00:11:41,189 --> 00:11:40,089

science you need to know flowers they

249

00:11:43,619 --> 00:11:41,199

make a great Mother's Day gift

250

00:11:46,110 --> 00:11:43,629

valentine's day gift or just any day of

251
00:11:48,090 --> 00:11:46,120
a year but why do we love giving them as

252
00:11:52,060 --> 00:11:48,100
much as we love getting them let's find

253
00:11:57,620 --> 00:11:54,440
flowers of the reproductive parts of a

254
00:11:59,390 --> 00:11:57,630
plant producing seeds or pollen many

255
00:12:02,240 --> 00:11:59,400
plants have evolved colorful blooms

256
00:12:04,190 --> 00:12:02,250
strong scents and produce nectar to

257
00:12:06,620 --> 00:12:04,200
attract pollinating animals as part of

258
00:12:08,930 --> 00:12:06,630
their reproductive cycle but for humans

259
00:12:10,460 --> 00:12:08,940
the pleasant aroma of flowers is more

260
00:12:13,190 --> 00:12:10,470
than just a sweet smelling perfume

261
00:12:15,290 --> 00:12:13,200
hidden inside that smell our class of

262
00:12:18,620 --> 00:12:15,300
chemicals known as pro-law endopeptidase

263
00:12:20,720 --> 00:12:18,630

inhibitors or PE eyes when you sniff

264

00:12:22,340 --> 00:12:20,730

flowers these PE eyes are absorbed into

265

00:12:24,920 --> 00:12:22,350

your body an increased production of

266

00:12:27,230 --> 00:12:24,930

hormones associated with love arousal

267

00:12:29,720 --> 00:12:27,240

and memory and it just so happens that

268

00:12:33,610 --> 00:12:29,730

the most potent pers are found in roses

269

00:12:36,290 --> 00:12:33,620

the preferred flower of Valentine's Day

270

00:12:37,850 --> 00:12:36,300

but research has shown in addition to a

271

00:12:39,590 --> 00:12:37,860

chemical boost there are other good

272

00:12:41,810 --> 00:12:39,600

reasons for giving flowers as gifts

273

00:12:43,940 --> 00:12:41,820

humans have evolved to associate

274

00:12:46,190 --> 00:12:43,950

positive emotional responses at the size

275

00:12:47,630 --> 00:12:46,200

of flowers this response can

276

00:12:49,130 --> 00:12:47,640

significantly lift the mood of the

277

00:12:51,320 --> 00:12:49,140

recipient because of the strong

278

00:12:53,510 --> 00:12:51,330

connection between smell and memory and

279

00:12:55,579 --> 00:12:53,520

in related research scientists are

280

00:12:57,920 --> 00:12:55,589

exploring evidence the chemicals found

281

00:13:00,170 --> 00:12:57,930

in a floral scent may also inhibit

282

00:13:01,730 --> 00:13:00,180

enzymes which cause Alzheimer's disease

283

00:13:03,890 --> 00:13:01,740

but if you need any further

284

00:13:05,780 --> 00:13:03,900

encouragement studies also show that

285

00:13:08,060 --> 00:13:05,790

those who give flowers are perceived as

286

00:13:09,650 --> 00:13:08,070

more successful caring and emotionally

287

00:13:12,530 --> 00:13:09,660

intelligent when compared to giving

288

00:13:14,180 --> 00:13:12,540

other similar gifts and now for fast

289

00:13:18,470 --> 00:13:14,190

facts about keeping your cut flowers

290

00:13:20,840 --> 00:13:18,480

fresh when placing flowers and Avars

291

00:13:22,910 --> 00:13:20,850

always recut the stems with a slant

292

00:13:24,680 --> 00:13:22,920

while immersed in water this will stop

293

00:13:26,810 --> 00:13:24,690

air entering the stem and prevent

294

00:13:28,910 --> 00:13:26,820

wilting adding the correct concentration

295

00:13:30,829 --> 00:13:28,920

of sugar bleach or vodka to the water

296

00:13:33,260 --> 00:13:30,839

keeps flowers fresh by preventing

297

00:13:35,570 --> 00:13:33,270

microbial growth place your flowers and

298

00:13:38,030 --> 00:13:35,580

a cool airy spot and keep them away from

299

00:13:39,699 --> 00:13:38,040

the fruit bowl gas is produced by fruit

300

00:13:42,890 --> 00:13:39,709

will shortz on the flowers life and

301
00:13:45,020 --> 00:13:42,900
finally never give the carrion flower as

302
00:13:46,880 --> 00:13:45,030
a gift apart from standing over three

303
00:13:50,920 --> 00:13:46,890
meses and heights its aroma as a

304
00:13:53,870 --> 00:13:50,930
stomach-churning stench of rotting flesh

305
00:13:55,310 --> 00:13:53,880
that's it for this week in science for

306
00:14:00,319 --> 00:13:55,320
more on the science of giving flowers

307
00:14:03,530 --> 00:14:00,329
goes the arrows website are I aus ok you

308
00:14:05,900 --> 00:14:03,540
follow us on twitter at RI oz and like

309
00:14:20,150 --> 00:14:05,910
us on facebook i'm ben lewis and we'll

310
00:14:22,670 --> 00:14:20,160
catch you next week on to help support

311
00:14:25,519 --> 00:14:22,680
the skeptic zonin look pretty damn

312
00:14:30,259 --> 00:14:25,529
stylish while you're about it visit mr.

313
00:14:32,690 --> 00:14:30,269

Katz origami jewelry WWE pegs on TV and

314

00:14:36,040 --> 00:14:32,700

click the link or simply Google mr. Katz

315

00:14:39,920 --> 00:14:36,050

origami jewelry also on Facebook

316

00:14:55,430 --> 00:14:39,930

pendants earrings and cufflinks support

317

00:15:09,990 --> 00:14:58,590

okay so welcome Maureen to the stage

318

00:15:13,670 --> 00:15:10,000

please hi everyone so I had a bit of a

319

00:15:17,160 --> 00:15:13,680

gift this week and I've given this talk

320

00:15:21,809 --> 00:15:17,170

twice before but now I finally have a

321

00:15:24,829 --> 00:15:21,819

conclusion so on Tuesday justice period

322

00:15:28,230 --> 00:15:24,839

from the federal court handed down

323

00:15:37,650 --> 00:15:28,240

115,000 dollar penalty to homeopathy + +

324

00:15:41,730 --> 00:15:37,660

+ 23 thousand to Friendship felt now

325

00:15:44,639 --> 00:15:41,740

this all started way back in 2009 with

326

00:15:50,240 --> 00:15:44,649

ken harvey professor Ken homie got all

327

00:15:54,449 --> 00:15:50,250

of him he made a complaint to the TGA

328

00:15:56,749 --> 00:15:54,459

about friend Sheffield writing an

329

00:16:02,970 --> 00:15:56,759

article that said the patatas fact scene

330

00:16:07,110 --> 00:16:02,980

was short-lived and ineffective now the

331

00:16:12,210 --> 00:16:07,120

TGA asked friend to publish a retraction

332

00:16:14,490 --> 00:16:12,220

on her website because it breached their

333

00:16:17,069 --> 00:16:14,500

therapeutic goods advertising code so

334

00:16:19,350 --> 00:16:17,079

the retraction was supposed to be that

335

00:16:22,679 --> 00:16:19,360

an advertisement for homeopathic

336

00:16:25,829 --> 00:16:22,689

protection homeo prophylaxis or homeo

337

00:16:27,480 --> 00:16:25,839

prophylactic products which we published

338

00:16:29,939 --> 00:16:27,490

on this website should not have been

339

00:16:32,129 --> 00:16:29,949

published in the advertisement we

340

00:16:35,220 --> 00:16:32,139

unlawfully made claims that the homeo

341

00:16:37,980 --> 00:16:35,230

prophylaxis products could prevent some

342

00:16:41,100 --> 00:16:37,990

serious infectious diseases including

343

00:16:43,499 --> 00:16:41,110

meningococcal disease a complaint about

344

00:16:46,139 --> 00:16:43,509

the advertisement was recently upheld by

345

00:16:47,850 --> 00:16:46,149

the complaints resolution panel and the

346

00:16:50,009 --> 00:16:47,860

evidence we provided was wholly

347

00:16:52,350 --> 00:16:50,019

inadequate to support the claims we made

348

00:16:54,860 --> 00:16:52,360

the panel therefore found that the

349

00:16:58,170 --> 00:16:54,870

claims were unlawful misleading and

350

00:17:01,379 --> 00:16:58,180

unverified and breached cetera pretty

351
00:17:03,269 --> 00:17:01,389
goods advertising co the Therapeutic

352
00:17:06,659 --> 00:17:03,279
Goods Administration therefore ordered

353
00:17:07,840 --> 00:17:06,669
that we publish this retraction except

354
00:17:11,470 --> 00:17:07,850
she didn't

355
00:17:13,659 --> 00:17:11,480
she refused to post the retraction she

356
00:17:17,230 --> 00:17:13,669
said she wasn't advertising but she was

357
00:17:20,199 --> 00:17:17,240
providing information and unfortunately

358
00:17:24,789 --> 00:17:20,209
the TG a bit of a toothless tiger and it

359
00:17:28,200 --> 00:17:24,799
didn't go any further so Ken wouldn't

360
00:17:32,140 --> 00:17:28,210
give up so he took it to the a Triple C

361
00:17:34,480 --> 00:17:32,150
because not only was at the same time as

362
00:17:36,580 --> 00:17:34,490
she was saying there patatas fact

363
00:17:41,640 --> 00:17:36,590

singles of working she was also selling

364

00:17:46,649 --> 00:17:41,650

a product that she claimed was effective

365

00:17:49,799 --> 00:17:46,659

so in April 2012 the a Triple C

366

00:17:52,659 --> 00:17:49,809

investigated the homeopathy + website

367

00:17:55,029 --> 00:17:52,669

frame was ordered to remove the article

368

00:17:57,340 --> 00:17:55,039

about pertussis vaccination claiming it

369

00:18:01,690 --> 00:17:57,350

was short-lived and unreliable and no

370

00:18:03,490 --> 00:18:01,700

longer effective so she she couldn't see

371

00:18:05,970 --> 00:18:03,500

the problem with it but she complied and

372

00:18:09,279 --> 00:18:05,980

said she would have a think about it and

373

00:18:11,350 --> 00:18:09,289

then she posted a revised article in

374

00:18:14,789 --> 00:18:11,360

November of that year but it still

375

00:18:17,380 --> 00:18:14,799

contained all the offending claims so

376

00:18:20,590 --> 00:18:17,390

she changed it but she hadn't changed

377

00:18:26,380 --> 00:18:20,600

the the part that they wanted her to

378

00:18:29,320 --> 00:18:26,390

change so then in February the a Triple

379

00:18:31,810 --> 00:18:29,330

C advised her that the content was

380

00:18:34,090 --> 00:18:31,820

potentially deceptive and misleading am

381

00:18:39,220 --> 00:18:34,100

I in anyone's way I'm so short you can

382

00:18:41,590 --> 00:18:39,230

see I'm anywhere and they advised her

383

00:18:45,070 --> 00:18:41,600

that the matter could be resolved by

384

00:18:47,350 --> 00:18:45,080

consent if homeopathy plus agreed to

385

00:18:49,120 --> 00:18:47,360

particular orders by a Drupal see now I

386

00:18:52,289 --> 00:18:49,130

don't know exactly what those orders

387

00:18:56,080 --> 00:18:52,299

were but i believe it was probably a

388

00:18:59,560 --> 00:18:56,090

retraction an injunction to remove the

389

00:19:02,590 --> 00:18:59,570

articles some sort of penalty and cost

390

00:19:05,640 --> 00:19:02,600

to the a triple c well of course she

391

00:19:08,409 --> 00:19:05,650

refused to do that so two days later

392

00:19:12,549 --> 00:19:08,419

they served her with the summons to go

393

00:19:15,130 --> 00:19:12,559

to court so we got to the court day ok

394

00:19:17,440 --> 00:19:15,140

ok so we had a four-day hearing in

395

00:19:21,160 --> 00:19:17,450

between the eighteen to twenty fifth of

396

00:19:23,320 --> 00:19:21,170

November 2013

397

00:19:26,650 --> 00:19:23,330

and I actually was going to hide these

398

00:19:29,980 --> 00:19:26,660

slides but these were the two council

399

00:19:34,680 --> 00:19:29,990

miss Ruth Higgins for the a Triple C and

400

00:19:39,460 --> 00:19:34,690

Marcel white for homeopathy plus he also

401
00:19:43,690 --> 00:19:39,470
unsuccessfully represented Meryl Dorian

402
00:19:46,570 --> 00:19:43,700
her unsuccess unsuccessful appeal to the

403
00:19:48,280 --> 00:19:46,580
name change he's got quite a pedigree

404
00:19:50,380 --> 00:19:48,290
but I'm not going to go into it he but

405
00:19:54,610 --> 00:19:50,390
if anyone wants to know about it I'm

406
00:19:56,740 --> 00:19:54,620
happy to talk later yeah so the expert

407
00:19:59,020 --> 00:19:56,750
witnesses for the a triple c in the

408
00:20:01,350 --> 00:19:59,030
court case with dr nigel william

409
00:20:03,520 --> 00:20:01,360
Crawford who's the medical head of

410
00:20:04,960 --> 00:20:03,530
immunization services at the Royal

411
00:20:09,520 --> 00:20:04,970
Children's Hospital in Melbourne

412
00:20:13,500 --> 00:20:09,530
Professor Kerin Phelps who's a GP she's

413
00:20:15,790 --> 00:20:13,510

firmly on the side of vaccination and I

414

00:20:18,820 --> 00:20:15,800

think she was probably called because

415

00:20:21,790 --> 00:20:18,830

she is also a former head of the AMA and

416

00:20:24,370 --> 00:20:21,800

dr. Nicholas woods who's a pediatrician

417

00:20:26,340 --> 00:20:24,380

at westmead Children's Hospital and also

418

00:20:28,620 --> 00:20:26,350

works at the National Center for

419

00:20:31,390 --> 00:20:28,630

immunization research and surveillance

420

00:20:35,730 --> 00:20:31,400

so they all gave their evidence and

421

00:20:38,500 --> 00:20:35,740

apart from some clarifying questions

422

00:20:44,020 --> 00:20:38,510

about their submissions their evidence

423

00:20:46,930 --> 00:20:44,030

went largely unchallenged now the expert

424

00:20:50,410 --> 00:20:46,940

witnesses for homeopathy plus were the

425

00:20:56,110 --> 00:20:50,420

aforementioned dr. isaac golden who has

426

00:20:57,910 --> 00:20:56,120

a PhD in homeopathy dr. mark Donahoe who

427

00:21:01,600 --> 00:20:57,920

is a GP and then well known

428

00:21:04,360 --> 00:21:01,610

anti-vaccination dr. jürgen is short

429

00:21:07,420 --> 00:21:04,370

it's a lecturer at the school of

430

00:21:12,940 --> 00:21:07,430

mathematical and physical sciences UTS

431

00:21:15,880 --> 00:21:12,950

and Fred Sheffield herself now before

432

00:21:18,400 --> 00:21:15,890

they actually gave evidence Isaac goal

433

00:21:22,360 --> 00:21:18,410

and a triple c went through their

434

00:21:25,960 --> 00:21:22,370

submissions and I think golden had much

435

00:21:28,510 --> 00:21:25,970

of his submission excluded as evidence

436

00:21:30,460 --> 00:21:28,520

because most of the references were to

437

00:21:34,860 --> 00:21:30,470

his own publications

438

00:21:38,350 --> 00:21:34,870

and also on the basis of generality

439

00:21:43,930 --> 00:21:38,360

ambiguity and that it lacked foundation

440

00:21:47,529 --> 00:21:43,940

and mr. white Musselwhite for friend

441

00:21:49,450 --> 00:21:47,539

complained that dr. Golden's affidavit

442

00:21:52,990 --> 00:21:49,460

was subject to a far greater level of

443

00:21:55,870 --> 00:21:53,000

students scrutiny than any of the HR

444

00:21:58,510 --> 00:21:55,880

policies expert witnesses and judge and

445

00:22:02,080 --> 00:21:58,520

they Archie adjourned the judge perry

446

00:22:04,120 --> 00:22:02,090

ruled on that and she said that dr.

447

00:22:07,330 --> 00:22:04,130

Golden's affidavit doesn't contain

448

00:22:10,240 --> 00:22:07,340

evidence of effectiveness or homeopathy

449

00:22:13,240 --> 00:22:10,250

of homeopathy there for his

450

00:22:16,330 --> 00:22:13,250

admissibility as an expert it's denied

451
00:22:18,820 --> 00:22:16,340
and all of the parts of dr. Goldman's

452
00:22:22,510 --> 00:22:18,830
affidavit objected to by the ap's a

453
00:22:25,419 --> 00:22:22,520
triple c were excluded and she also made

454
00:22:29,110 --> 00:22:25,429
a point of saying that the council can't

455
00:22:31,840 --> 00:22:29,120
complain about excessive scrutiny of dr.

456
00:22:35,260 --> 00:22:31,850
Golden's affidavit when he had ample

457
00:22:40,390 --> 00:22:35,270
opportunity to do the same to the a

458
00:22:44,970 --> 00:22:40,400
triple c witnesses so then dr. golden

459
00:22:48,610 --> 00:22:44,980
appeared via videolink and he was told

460
00:22:51,340 --> 00:22:48,620
immediately by lovely Miss Higgins that

461
00:22:54,520 --> 00:22:51,350
most of his testimony has been excluded

462
00:22:56,080 --> 00:22:54,530
and that he would be restricted to his

463
00:22:59,020 --> 00:22:56,090

evidence would be restricted to just

464

00:23:03,520 --> 00:22:59,030

answering the questions that she

465

00:23:06,909 --> 00:23:03,530

presented to him she was a sweet sweet

466

00:23:09,180 --> 00:23:06,919

lady until you hear her cross-examining

467

00:23:12,159 --> 00:23:09,190

someone it was just it was just

468

00:23:18,580 --> 00:23:12,169

astounding and he was very unhappy about

469

00:23:21,850 --> 00:23:18,590

it and there says and she actually

470

00:23:24,750 --> 00:23:21,860

accused two-month cherry picking and by

471

00:23:29,860 --> 00:23:24,760

omitting conclusions from his references

472

00:23:32,740 --> 00:23:29,870

that contradicted his evidence and so

473

00:23:35,260 --> 00:23:32,750

then he was only I think question for

474

00:23:38,440 --> 00:23:35,270

about 10 minutes that was it whereas the

475

00:23:41,560 --> 00:23:38,450

other other expert witnesses were you

476
00:23:43,990 --> 00:23:41,570
know for an hour or two now Judge Perry

477
00:23:47,470 --> 00:23:44,000
then asked on what basis

478
00:23:50,500 --> 00:23:47,480
dr. donahoo was an expert witness given

479
00:23:56,530 --> 00:23:50,510
that part of his affidavit was a CV

480
00:23:59,980 --> 00:23:56,540
dated 2003 so most of his affidavit was

481
00:24:03,580 --> 00:23:59,990
also excluded as the evidence because it

482
00:24:05,590 --> 00:24:03,590
consisted of more than 50 links with no

483
00:24:09,820 --> 00:24:05,600
context you know what we would call

484
00:24:13,480 --> 00:24:09,830
geese gallop he was a met he was meant

485
00:24:16,360 --> 00:24:13,490
to appear as a witness but mr. white

486
00:24:18,160 --> 00:24:16,370
decided it was probably best if he

487
00:24:22,570 --> 00:24:18,170
didn't actually appear in the court

488
00:24:29,830 --> 00:24:22,580

after after he saw how she handled dr.

489

00:24:33,510 --> 00:24:29,840

golden and dr. schultz um evidence by

490

00:24:40,960 --> 00:24:33,520

affidavit was completely excluded on the

491

00:24:47,470 --> 00:24:40,970

basis that it was irrelevant so we move

492

00:24:50,290 --> 00:24:47,480

on to over a year later and on the

493

00:24:52,870 --> 00:24:50,300

twenty-second of December 2014 I was in

494

00:24:56,290 --> 00:24:52,880

court with Richard Saunders Pete about

495

00:24:58,660 --> 00:24:56,300

it to me and Bryce and as as the judge

496

00:24:59,740 --> 00:24:58,670

was reading out the findings we weren't

497

00:25:03,070 --> 00:24:59,750

sure whether she was just actually

498

00:25:07,690 --> 00:25:03,080

reading out the charges because it was

499

00:25:10,180 --> 00:25:07,700

the findings were that she was guilty of

500

00:25:11,890 --> 00:25:10,190

all of them so the court cleared that

501
00:25:13,870 --> 00:25:11,900
the first respondent and the second

502
00:25:16,750 --> 00:25:13,880
respondent so their first respondent is

503
00:25:18,460 --> 00:25:16,760
homeopathy plus the second is Fran

504
00:25:21,550 --> 00:25:18,470
Sheffield having trade and commerce

505
00:25:24,190 --> 00:25:21,560
engaged in conduct that was misleading

506
00:25:27,070 --> 00:25:24,200
and deceptive or was likely to mislead

507
00:25:28,900 --> 00:25:27,080
and deceive in country contravention of

508
00:25:33,460 --> 00:25:28,910
section 18 of the Australian Consumer

509
00:25:35,800 --> 00:25:33,470
Law there is no reasonable basis in the

510
00:25:37,900 --> 00:25:35,810
sense of an adequate foundation in

511
00:25:40,330 --> 00:25:37,910
medical science to enable the first

512
00:25:42,910 --> 00:25:40,340
respondent and the second respondent to

513
00:25:45,460 --> 00:25:42,920

state that homeopathic treatments are

514

00:25:48,010 --> 00:25:45,470

safe and effective as an alternative to

515

00:25:51,100 --> 00:25:48,020

the vaccine for the prevention of

516

00:25:54,850 --> 00:25:51,110

whooping cough now some of the key

517

00:25:57,500 --> 00:25:54,860

findings in that judgment were that the

518

00:25:59,510 --> 00:25:57,510

a Triple C expert witness

519

00:26:02,900 --> 00:25:59,520

as gave evidence that the vaccine is

520

00:26:05,660 --> 00:26:02,910

effective in protecting against the

521

00:26:07,810 --> 00:26:05,670

contraction of pertussis there was no

522

00:26:11,060 --> 00:26:07,820

credible evidence put forward by

523

00:26:14,150 --> 00:26:11,070

homeopathy plus and much of the material

524

00:26:17,980 --> 00:26:14,160

on which homeopathy plus relied wasn't

525

00:26:23,870 --> 00:26:17,990

credible some of her sources included

526
00:26:26,060 --> 00:26:23,880
greg BTW and merrill dory and that homie

527
00:26:28,760 --> 00:26:26,070
homeopathy plus were selectively in the

528
00:26:31,700 --> 00:26:28,770
articles choosing earning those parts

529
00:26:35,920 --> 00:26:31,710
that support her existing views or as we

530
00:26:38,810 --> 00:26:35,930
know it cherry picking now the head a

531
00:26:46,490 --> 00:26:38,820
it's not over yet they had a hearing in

532
00:26:48,170 --> 00:26:46,500
april this year and the a triple c asked

533
00:26:51,110 --> 00:26:48,180
for sixty two and a half thousand

534
00:26:53,270 --> 00:26:51,120
dollars penalty against homeopathy + +

535
00:26:55,730 --> 00:26:53,280
12 and a half thousand for friend

536
00:26:58,730 --> 00:26:55,740
sheffield homeopathy plus claimed

537
00:27:01,250 --> 00:26:58,740
financial difficulty and said that a

538
00:27:04,340 --> 00:27:01,260

financial penalty would be financially

539

00:27:07,490 --> 00:27:04,350

ruinous for them and that she has ill

540

00:27:10,240 --> 00:27:07,500

health now that the judge was really

541

00:27:12,620 --> 00:27:10,250

disdainful of the Financial claims

542

00:27:17,870 --> 00:27:12,630

because of the lack of evidence to

543

00:27:19,970 --> 00:27:17,880

support it being a court and all she

544

00:27:23,060 --> 00:27:19,980

actually said you haven't even produced

545

00:27:26,600 --> 00:27:23,070

a bank statement and she made it very

546

00:27:30,290 --> 00:27:26,610

clear that she wanted to know about the

547

00:27:32,930 --> 00:27:30,300

income of homeopathy plus all that Fran

548

00:27:35,240 --> 00:27:32,940

had put up was a statement of assets and

549

00:27:39,380 --> 00:27:35,250

liabilities there nothing about you know

550

00:27:41,870 --> 00:27:39,390

the everyday goings-on and she also

551
00:27:44,630 --> 00:27:41,880
commented that friend didn't seem to

552
00:27:48,620 --> 00:27:44,640
appreciate the seriousness of the

553
00:27:52,400 --> 00:27:48,630
proceedings all the findings and she

554
00:27:54,080 --> 00:27:52,410
based that I think on the poultry sort

555
00:27:56,510 --> 00:27:54,090
of evidence they provided for the

556
00:28:00,440 --> 00:27:56,520
financial situation and another

557
00:28:02,960 --> 00:28:00,450
interesting thing was friends barristers

558
00:28:04,550 --> 00:28:02,970
said that they shouldn't be financial

559
00:28:07,480 --> 00:28:04,560
they shouldn't be penalized at all

560
00:28:11,030 --> 00:28:07,490
because just a mum and dad corner shop

561
00:28:15,800 --> 00:28:11,040
operation and the judge said to him

562
00:28:17,840 --> 00:28:15,810
with 12,000 online subscribers now the

563
00:28:21,140 --> 00:28:17,850

maximum penalty for false or misleading

564

00:28:24,590 --> 00:28:21,150

blah blah blah blah is 1.1 million

565

00:28:26,000 --> 00:28:24,600

for corporations okay and two hundred

566

00:28:31,490 --> 00:28:26,010

and twenty thousand dollars for

567

00:28:33,800 --> 00:28:31,500

individuals now this slide I would

568

00:28:36,440 --> 00:28:33,810

normally have left left out for this one

569

00:28:38,720 --> 00:28:36,450

but after the penalties hearing the

570

00:28:41,780 --> 00:28:38,730

judge decided to give Fran and

571

00:28:45,080 --> 00:28:41,790

homeopathy plus a bit more chance in a

572

00:28:47,360 --> 00:28:45,090

bit more time and a chance to improve

573

00:28:50,000 --> 00:28:47,370

their evidence so she said that the

574

00:28:52,490 --> 00:28:50,010

applicant a triple c has leave to filed

575

00:28:56,750 --> 00:28:52,500

serve any supplementary submissions by

576

00:28:58,310 --> 00:28:56,760

the twenty-fifth of may and Fran had

577

00:29:00,800 --> 00:28:58,320

lived to file and serve any

578

00:29:04,130 --> 00:29:00,810

supplementary submissions by the fifth

579

00:29:06,650 --> 00:29:04,140

of June so she gave her a month and a

580

00:29:10,550 --> 00:29:06,660

half or so to submit something else so

581

00:29:17,090 --> 00:29:10,560

what did friend do nothing in her

582

00:29:19,460 --> 00:29:17,100

judgment the judge stated that there is

583

00:29:22,190 --> 00:29:19,470

clearly income being owned by mr.

584

00:29:24,920 --> 00:29:22,200

Sheffield and her company homeopathy

585

00:29:27,530 --> 00:29:24,930

plus which she has chosen not to

586

00:29:30,080 --> 00:29:27,540

disclose she made mention of the fact

587

00:29:32,390 --> 00:29:30,090

that they had two full-time employees

588

00:29:35,330 --> 00:29:32,400

which her two adult children and two

589

00:29:37,550 --> 00:29:35,340

part-time employees as well as friend so

590

00:29:41,210 --> 00:29:37,560

there must be income so she's produced

591

00:29:43,310 --> 00:29:41,220

no evidence for that and she also said i

592

00:29:45,980 --> 00:29:43,320

can give little weight to the impact

593

00:29:49,220 --> 00:29:45,990

that any pecuniary penalty might have on

594

00:29:51,350 --> 00:29:49,230

her financial situation given the

595

00:29:54,490 --> 00:29:51,360

failure by homeopathy plus to provide

596

00:29:57,680 --> 00:29:54,500

any real disclosure of its financial

597

00:30:01,490 --> 00:29:57,690

circumstances so judgment day last

598

00:30:03,500 --> 00:30:01,500

tuesday that the headlines are that the

599

00:30:05,750 --> 00:30:03,510

thrill of finding articles are to be

600

00:30:11,420 --> 00:30:05,760

permanently removed from the homeopathy

601
00:30:14,050 --> 00:30:11,430
plus website and that homeopathy plus be

602
00:30:17,420 --> 00:30:14,060
restrained from promoting or supplying

603
00:30:19,370 --> 00:30:17,430
homeopathic homeopathic vaccines as an

604
00:30:24,700 --> 00:30:19,380
alternative to pertussis vaccine for

605
00:30:33,370 --> 00:30:27,800
so she can't talk about it and she can't

606
00:30:35,900 --> 00:30:33,380
sell it now the financial penalties so

607
00:30:38,950 --> 00:30:35,910
instead of the seventy five thousand

608
00:30:45,590 --> 00:30:38,960
dollars that the a Triple C was happy to

609
00:30:48,560 --> 00:30:45,600
take the judge awarded of 115,000 old

610
00:30:51,890 --> 00:30:48,570
penalty to homeopathic homeopathy plus

611
00:30:53,750 --> 00:30:51,900
to be paid in thirteen thirty days and a

612
00:30:56,000 --> 00:30:53,760
twenty-three thousand dollar penalty to

613
00:30:58,490 --> 00:30:56,010

Fred Sheffield to be paid in 90 days and

614

00:31:01,820 --> 00:30:58,500

the costs were awarded to the a Triple C

615

00:31:06,110 --> 00:31:01,830

and that this is all because she refused

616

00:31:09,200 --> 00:31:06,120

to disclose her financial income so

617

00:31:11,420 --> 00:31:09,210

anyway she hasn't I had a look on her

618

00:31:14,410 --> 00:31:11,430

website yesterday so she's taken all

619

00:31:21,130 --> 00:31:14,420

references to her neyo prophylaxis off

620

00:31:24,500 --> 00:31:21,140

her website except for animals ok now

621

00:31:28,610 --> 00:31:24,510

much was made of friends ill health at

622

00:31:30,320 --> 00:31:28,620

the penalties hearing and I you know a

623

00:31:33,170 --> 00:31:30,330

lot of people have joked about that

624

00:31:35,000 --> 00:31:33,180

because she reckons homie homeopathy can

625

00:31:37,940 --> 00:31:35,010

cure so many things these are the things

626

00:31:43,070 --> 00:31:37,950

that friend has claims can be cured by

627

00:31:46,460 --> 00:31:43,080

homeopathy HIV Ebola cholera typhoid

628

00:31:50,680 --> 00:31:46,470

malaria pertussis radiation sickness

629

00:31:53,090 --> 00:31:50,690

irritable bowel syndrome manging dogs

630

00:31:56,690 --> 00:31:53,100

middle ear infection osteomyelitis

631

00:32:00,020 --> 00:31:56,700

urinary tract infections sinusitis lipo

632

00:32:04,250 --> 00:32:00,030

marine birds autism and fractures so l

633

00:32:06,340 --> 00:32:04,260

guess all that leaves is cancer oh and

634

00:32:12,190 --> 00:32:06,350

the latest one she's got on there is it

635

00:32:18,279 --> 00:32:15,279

well we are we know most most most

636

00:32:20,799 --> 00:32:18,289

hangovers caused by dehydration now the

637

00:32:24,570 --> 00:32:20,809

question is what's going to happen now

638

00:32:26,950 --> 00:32:24,580

because I don't think she's going to pay

639

00:32:28,210 --> 00:32:26,960

well we got to move on now guys to the

640

00:32:47,680 --> 00:32:28,220

next one so thank you very much too

641

00:32:49,930 --> 00:32:47,690

Maureen again i thinkl are you tired of

642

00:32:52,840 --> 00:32:49,940

waiting for the end of the world is the

643

00:32:54,460 --> 00:32:52,850

grain nano gue coming for you or are you

644

00:32:57,430 --> 00:32:54,470

just annoyed by those hordes of undead

645

00:32:59,919 --> 00:32:57,440

or the color of the moon or even swarms

646

00:33:03,009 --> 00:32:59,929

of a sort of biblical insects could that

647

00:33:05,560 --> 00:33:03,019

silly movie 2012 actually have any basis

648

00:33:08,259 --> 00:33:05,570

of reality or will the machine to rule

649

00:33:09,970 --> 00:33:08,269

us all for these questions are fun

650

00:33:12,519 --> 00:33:09,980

weekend down more come to the New

651
00:33:15,430 --> 00:33:12,529
Zealand skeptics society 2015 annual

652
00:33:17,710 --> 00:33:15,440
conference Christchurch 20th 22nd

653
00:33:19,450 --> 00:33:17,720
November evidence shows that we even

654
00:33:21,430 --> 00:33:19,460
have a real scientist speaking on

655
00:33:23,200 --> 00:33:21,440
fantastic topics when the echoing

656
00:33:25,060 --> 00:33:23,210
hoofbeats of the four gender neutral

657
00:33:27,389 --> 00:33:25,070
equations of the apocalypse ring out

658
00:33:30,850 --> 00:33:27,399
across the world where will you be

659
00:33:34,480 --> 00:33:30,860
christchurch new zealand 22 22nd

660
00:33:36,669 --> 00:33:34,490
november apocalypse how after all with a

661
00:33:38,350 --> 00:33:36,679
go-to place for natural disasters for

662
00:33:40,899 --> 00:33:38,360
further details visit conference

663
00:33:42,159 --> 00:33:40,909

skeptics dot nzd these in the skeptics

664

00:33:44,080 --> 00:33:42,169

society is a charitable organization

665

00:33:57,370 --> 00:33:44,090

that exists to promote critical thinking

666

00:33:59,080 --> 00:33:57,380

the devil is not real look I'm with

667

00:34:01,419 --> 00:33:59,090

someone now that I want to interview for

668

00:34:03,370 --> 00:34:01,429

a long time Joe Nickell how are you I'm

669

00:34:05,500 --> 00:34:03,380

good thanks yeah well what do you think

670

00:34:07,269 --> 00:34:05,510

of the people who think that some of

671

00:34:09,790 --> 00:34:07,279

these mass shootings never happened I

672

00:34:11,409 --> 00:34:09,800

find that a little bit unusual I can

673

00:34:15,399 --> 00:34:11,419

understand people having anomalies

674

00:34:17,379 --> 00:34:15,409

because when I saw the the the coroner

675

00:34:19,240 --> 00:34:17,389

at the Sandy Hook shooting he was

676

00:34:21,069 --> 00:34:19,250

certainly acting very strange for a

677

00:34:22,659 --> 00:34:21,079

professional but then again I've never

678

00:34:24,050 --> 00:34:22,669

had to do a mass autopsy on a bunch of

679

00:34:25,280 --> 00:34:24,060

children so I

680

00:34:28,040 --> 00:34:25,290

no I don't know what it becomes whose

681

00:34:30,350 --> 00:34:28,050

head you know well exactly and after all

682

00:34:31,850 --> 00:34:30,360

real detectives and coroner's and so

683

00:34:34,400 --> 00:34:31,860

where the human beings and some of them

684

00:34:36,140 --> 00:34:34,410

are odd have odd personalities and so

685

00:34:39,230 --> 00:34:36,150

forth and they may look a little odd and

686

00:34:41,120 --> 00:34:39,240

and they're odd fluky circumstances I've

687

00:34:43,850 --> 00:34:41,130

worked real homicide cases with police

688

00:34:45,860 --> 00:34:43,860

and odd things happen well it's will

689

00:34:48,590 --> 00:34:45,870

sometimes do a funny thing when and you

690

00:34:50,150 --> 00:34:48,600

know that they did but but if you were

691

00:34:52,010 --> 00:34:50,160

try it there was somebody wanted to make

692

00:34:54,020 --> 00:34:52,020

a conspiracy out of it you'd think well

693

00:34:56,000 --> 00:34:54,030

it does seem like a nun very rare

694

00:34:57,980 --> 00:34:56,010

unusual thing for a bullet to do it's a

695

00:35:00,860 --> 00:34:57,990

whole surreal air that surrounds an

696

00:35:02,420 --> 00:35:00,870

investigation of a murder or is it more

697

00:35:05,960 --> 00:35:02,430

like a matter of fact go through a

698

00:35:09,740 --> 00:35:05,970

flowchart kind of depends on whether the

699

00:35:12,950 --> 00:35:09,750

murder is is again not to use the word

700

00:35:17,390 --> 00:35:12,960

prosaic but whether it's just another

701

00:35:19,820 --> 00:35:17,400

murder and you can without a lot of

702

00:35:21,980 --> 00:35:19,830

spotlights being shined on you without a

703

00:35:24,590 --> 00:35:21,990

lot of crazy people coming at you

704

00:35:28,130 --> 00:35:24,600

without a lot of tabloids wanting the

705

00:35:30,170 --> 00:35:28,140

story no matter how fake it is you can

706

00:35:32,900 --> 00:35:30,180

pretty much go at it in a routine and

707

00:35:35,540 --> 00:35:32,910

professional way but once you have a

708

00:35:37,570 --> 00:35:35,550

high-profile case once you have the

709

00:35:40,670 --> 00:35:37,580

president nine states has been shot or

710

00:35:43,730 --> 00:35:40,680

terrorists have driven flown planes

711

00:35:49,760 --> 00:35:43,740

right into the the Trade Center

712

00:35:53,810 --> 00:35:49,770

buildings somehow these these conspiracy

713

00:35:59,330 --> 00:35:53,820

theorists come out of the woodwork it's

714

00:36:03,110 --> 00:35:59,340

scary they appear to have some sort of

715

00:36:05,510 --> 00:36:03,120

aberrant thinking process because the

716

00:36:08,780 --> 00:36:05,520

kind of evidence that you and I would

717

00:36:10,040 --> 00:36:08,790

regard is pretty much we saw that and

718

00:36:12,230 --> 00:36:10,050

it's pretty clear and pretty

719

00:36:16,370 --> 00:36:12,240

straightforward and what they're trying

720

00:36:20,210 --> 00:36:16,380

to sell you is from The Wizard of Oz you

721

00:36:23,210 --> 00:36:20,220

know devil version you just you just

722

00:36:26,870 --> 00:36:23,220

have to marvel at how they think and how

723

00:36:29,660 --> 00:36:26,880

they they seem to start with an answer

724

00:36:32,120 --> 00:36:29,670

that they want that this is some kind of

725

00:36:34,050 --> 00:36:32,130

vast conspiracy and engage in what's

726

00:36:35,940 --> 00:36:34,060

called confirmation bias

727

00:36:38,520 --> 00:36:35,950

the same way sort of the Shroud of Turin

728

00:36:40,950 --> 00:36:38,530

do but of course they're they're greatly

729

00:36:43,950 --> 00:36:40,960

sensible in comparison to the conspiracy

730

00:36:45,510 --> 00:36:43,960

theorists but the Shroud people will say

731

00:36:47,910 --> 00:36:45,520

you know this is the Shroud of our Lord

732

00:36:50,550 --> 00:36:47,920

and you can just look at it and see what

733

00:36:52,680 --> 00:36:50,560

a marble it is well okay but then you

734

00:36:54,930 --> 00:36:52,690

know I come in and I say well you know

735

00:36:57,450 --> 00:36:54,940

this shows that the body of Jesus was

736

00:36:59,040 --> 00:36:57,460

wrapped with a cloth under and over the

737

00:37:01,140 --> 00:36:59,050

top of the hidden lying across the front

738

00:37:02,820 --> 00:37:01,150

and let me tell you the Jewish mission

739

00:37:05,250 --> 00:37:02,830

who makes clear that's not how jews were

740

00:37:06,960 --> 00:37:05,260

at their body the Gospel of John says

741

00:37:09,750 --> 00:37:06,970

specifically it was the manner of the

742

00:37:12,380 --> 00:37:09,760

Jews and he describes multiple Claus the

743

00:37:14,880 --> 00:37:12,390

separate face cloth and so forth so they

744

00:37:16,620 --> 00:37:14,890

rationalize that yes but the Gospels

745

00:37:18,510 --> 00:37:16,630

could be you know wrong or there could

746

00:37:20,250 --> 00:37:18,520

have been special services anything

747

00:37:22,920 --> 00:37:20,260

welders there's no history for the

748

00:37:24,270 --> 00:37:22,930

shroud for 1300 e where was it well we

749

00:37:26,160 --> 00:37:24,280

believe it might have been hidden away

750

00:37:28,590 --> 00:37:26,170

in blah blah blah a lot of pseudo

751
00:37:31,980 --> 00:37:28,600
history that would make even von Daniken

752
00:37:33,960 --> 00:37:31,990
a skeptic and then you know that well

753
00:37:35,820 --> 00:37:33,970
what about the forgers confession oh we

754
00:37:38,520 --> 00:37:35,830
think that was trumped up that Bishop

755
00:37:40,290 --> 00:37:38,530
was jealous well he was a bishop and he

756
00:37:42,600 --> 00:37:40,300
wrote to the Pope and he seemed to know

757
00:37:43,950 --> 00:37:42,610
where of he spoke and he said there were

758
00:37:46,950 --> 00:37:43,960
lots of other people who can confirm

759
00:37:49,710 --> 00:37:46,960
what he said at the time and do really

760
00:37:52,350 --> 00:37:49,720
and then you think well okay and then

761
00:37:54,750 --> 00:37:52,360
the McCrone laboratory found tempera

762
00:37:56,580 --> 00:37:54,760
paint all over the shroud oh yeah well

763
00:37:58,590 --> 00:37:56,590

we think that that could have been added

764

00:38:01,470 --> 00:37:58,600

on later somebody was touching it up and

765

00:38:03,390 --> 00:38:01,480

so forth and then finally the carbon

766

00:38:05,250 --> 00:38:03,400

dating which carbon dates to the time of

767

00:38:08,400 --> 00:38:05,260

the forgery confession and they think

768

00:38:10,200 --> 00:38:08,410

well maybe Christ's resurrection you

769

00:38:12,180 --> 00:38:10,210

know the burst of radiant energy at the

770

00:38:15,980 --> 00:38:12,190

moment of resurrection altered the

771

00:38:18,930 --> 00:38:15,990

carbon dating or maybe the fire of 1532

772

00:38:20,190 --> 00:38:18,940

cement altered the carbon with and so

773

00:38:21,720 --> 00:38:20,200

forth he said well you don't know much

774

00:38:25,350 --> 00:38:21,730

about carbon dating because those things

775

00:38:26,970 --> 00:38:25,360

are well you know the process of you

776

00:38:30,030 --> 00:38:26,980

know purifies the sample so those

777

00:38:32,400 --> 00:38:30,040

wouldn't be contaminants but it's you

778

00:38:34,920 --> 00:38:32,410

can see that they have started with an

779

00:38:36,589 --> 00:38:34,930

answer and no matter what you find or

780

00:38:40,470 --> 00:38:36,599

say

781

00:38:42,509 --> 00:38:40,480

the they have some rationalization but

782

00:38:44,130 --> 00:38:42,519

notice that their rationalizations have

783

00:38:46,319 --> 00:38:44,140

nothing to do with each other each

784

00:38:48,989 --> 00:38:46,329

rationalization is a special one to

785

00:38:50,460 --> 00:38:48,999

defend a particular point then turn that

786

00:38:53,759 --> 00:38:50,470

around and look at what the skeptics

787

00:38:55,710 --> 00:38:53,769

position is well it doesn't match Jewish

788

00:38:57,390 --> 00:38:55,720

borough practices because it was made in

789

00:39:01,170 --> 00:38:57,400

the middle of the 14th century in Europe

790

00:39:02,789 --> 00:39:01,180

it's it looks too good to be true and

791

00:39:05,729 --> 00:39:02,799

looks to picture like because an artist

792

00:39:07,319 --> 00:39:05,739

made it an artist confessed we have a

793

00:39:09,930 --> 00:39:07,329

Bishop's report that the artists

794

00:39:11,789 --> 00:39:09,940

confessed the blood is still bright red

795

00:39:14,519 --> 00:39:11,799

because it's tempera paint we found

796

00:39:16,019 --> 00:39:14,529

tempera paint the radiocarbon dating

797

00:39:18,059 --> 00:39:16,029

dates it to the time of the forgers

798

00:39:21,380 --> 00:39:18,069

confession I could go on and on so you

799

00:39:23,549 --> 00:39:21,390

see that that what the skeptic has is

800

00:39:25,680 --> 00:39:23,559

interlocked I'm locking my fingers

801
00:39:28,559 --> 00:39:25,690
together here to show how this works but

802
00:39:32,039 --> 00:39:28,569
the evidence is interlocking and solid

803
00:39:33,870 --> 00:39:32,049
and corroborated as opposed to they they

804
00:39:36,900 --> 00:39:33,880
start with the belief in their heart and

805
00:39:38,970 --> 00:39:36,910
they look for a excuse or a

806
00:39:40,739 --> 00:39:38,980
rationalization for every point that's

807
00:39:42,569 --> 00:39:40,749
made they don't have they don't have any

808
00:39:45,599 --> 00:39:42,579
corroborating evidence or any solid

809
00:39:49,620 --> 00:39:45,609
evidence they have maybe this could be

810
00:39:51,359 --> 00:39:49,630
that we think this and a lot of of even

811
00:39:53,400 --> 00:39:51,369
that is pseudoscience and they've been

812
00:39:56,009 --> 00:39:53,410
caught at some of this and even the

813
00:40:00,299 --> 00:39:56,019

church itself has just claimed now some

814

00:40:02,279 --> 00:40:00,309

of the more recent excesses with some of

815

00:40:05,130 --> 00:40:02,289

the claims has been made the church's

816

00:40:07,349 --> 00:40:05,140

people think the shroud is that the

817

00:40:08,999 --> 00:40:07,359

Catholic Church is trying to you know

818

00:40:11,839 --> 00:40:09,009

put out something well actually it was

819

00:40:15,329 --> 00:40:11,849

that it was the Archbishop of Turin and

820

00:40:17,729 --> 00:40:15,339

his crowd that had the shroud and we're

821

00:40:21,809 --> 00:40:17,739

trying to promote it when the Vatican

822

00:40:25,279 --> 00:40:21,819

got control of the shroud after King

823

00:40:29,220 --> 00:40:25,289

Umberto the exiled king of Italy died

824

00:40:31,049 --> 00:40:29,230

and he technically owned the shroud the

825

00:40:33,660 --> 00:40:31,059

archbishop kind of had a little game

826

00:40:36,599 --> 00:40:33,670

that they played about about this but

827

00:40:38,819 --> 00:40:36,609

once Umberto died and bequeathed it to

828

00:40:41,940 --> 00:40:38,829

the Vatican look what happened the

829

00:40:44,400 --> 00:40:41,950

Vatican came forward with very good

830

00:40:46,859 --> 00:40:44,410

tests very well they didn't just pick

831

00:40:48,339 --> 00:40:46,869

shroud loyalists to do the test they got

832

00:40:50,499 --> 00:40:48,349

real scientists from the

833

00:40:52,900 --> 00:40:50,509

big laboratories and put it in there and

834

00:40:55,509 --> 00:40:52,910

put it in the British Museum's hands to

835

00:40:57,910 --> 00:40:55,519

authenticate and and to coordinate this

836

00:40:59,920 --> 00:40:57,920

perfect what's what's the objection to

837

00:41:02,319 --> 00:40:59,930

that and the results were devastating it

838

00:41:04,239 --> 00:41:02,329

appeared to be fake and and the Vatican

839

00:41:06,489 --> 00:41:04,249

has accepted that as far as anyone knew

840

00:41:08,410 --> 00:41:06,499

they'd never said we disagree or this is

841

00:41:13,539 --> 00:41:08,420

a travesty Renault they just accepted

842

00:41:15,670 --> 00:41:13,549

and look at the new pope francis who yes

843

00:41:18,670 --> 00:41:15,680

i disagree with him on some things but

844

00:41:20,019 --> 00:41:18,680

he's he's done some very good things and

845

00:41:22,450 --> 00:41:20,029

said some very good things look what he

846

00:41:24,640 --> 00:41:22,460

said about the Shroud of Turin he said

847

00:41:27,420 --> 00:41:24,650

he referred to it as kind of you know

848

00:41:32,650 --> 00:41:27,430

wonderful or whatever adjective he used

849

00:41:36,359 --> 00:41:32,660

icon I'll wait a minute because if it's

850

00:41:38,589 --> 00:41:36,369

an icon that means it's a work of art

851

00:41:40,089 --> 00:41:38,599

shouldn't he if he believed the shroud

852

00:41:42,370 --> 00:41:40,099

was genuine he should have called it a

853

00:41:46,749 --> 00:41:42,380

relic and I'll leave you with this

854

00:41:49,299 --> 00:41:46,759

question that does the Pope know the

855

00:41:51,069 --> 00:41:49,309

difference between a relic and an icon

856

00:41:54,239 --> 00:41:51,079

and let me answer that question with

857

00:41:57,430 --> 00:41:54,249

another question is the Pope Catholic

858

00:41:59,410 --> 00:41:57,440

they're all about icons he knows exactly

859

00:42:03,099 --> 00:41:59,420

the difference between a relic and an

860

00:42:05,650 --> 00:42:03,109

icon be a world expert on this a

861

00:42:07,059 --> 00:42:05,660

question that we can't attribute this

862

00:42:08,829 --> 00:42:07,069

quote to you but I mentioned it to the

863

00:42:11,170 --> 00:42:08,839

other night is before you investigate an

864

00:42:14,259 --> 00:42:11,180

unusual event make sure the unusual

865

00:42:16,900 --> 00:42:14,269

event actually happened yes that's an

866

00:42:19,539 --> 00:42:16,910

excellent rule and and all of us who

867

00:42:23,279 --> 00:42:19,549

have done much investigation Lauren the

868

00:42:25,299 --> 00:42:23,289

truth of that pretty soon either either

869

00:42:27,969 --> 00:42:25,309

fortunately before we make a big mistake

870

00:42:32,019 --> 00:42:27,979

or we make a mistake the I yes there's

871

00:42:35,440 --> 00:42:32,029

the rule the Canadian psychologist James

872

00:42:38,859 --> 00:42:35,450

alcock named that principle after ray

873

00:42:41,680 --> 00:42:38,869

hyman who I don't know if Ray originated

874

00:42:43,989 --> 00:42:41,690

it it's but he may have and and he

875

00:42:47,529 --> 00:42:43,999

refers to it as hymens categorical

876

00:42:49,930 --> 00:42:47,539

imperative and and that is as you said

877

00:42:51,670 --> 00:42:49,940

before you try to explain something make

878

00:42:53,950 --> 00:42:51,680

sure it really happened and then there's

879

00:42:56,709 --> 00:42:53,960

some corollaries to that sort of make

880

00:42:59,469 --> 00:42:56,719

sure it really happened in this

881

00:43:00,390 --> 00:42:59,479

particular way that's being said maybe

882

00:43:02,460 --> 00:43:00,400

it happened maybe

883

00:43:05,220 --> 00:43:02,470

was an incident but maybe happened a

884

00:43:07,560 --> 00:43:05,230

little differently or have you checked

885

00:43:08,970 --> 00:43:07,570

out all the details and so forth I mean

886

00:43:11,520 --> 00:43:08,980

there are some corollaries that you

887

00:43:14,430 --> 00:43:11,530

could put into that but it's but it's a

888

00:43:18,030 --> 00:43:14,440

wonderful principle because we see all

889

00:43:21,210 --> 00:43:18,040

the time and I could give you cases of

890

00:43:24,120 --> 00:43:21,220

mine where like the case of the

891

00:43:25,650 --> 00:43:24,130

disappearance of Oliver lurch and also

892

00:43:28,160 --> 00:43:25,660

known as Oliver larch and there are

893

00:43:30,660 --> 00:43:28,170

different versions of the story but he

894

00:43:32,310 --> 00:43:30,670

disappeared walking in the snow one

895

00:43:34,710 --> 00:43:32,320

night to go to the well to get some

896

00:43:36,870 --> 00:43:34,720

water and so forth in the family heard

897

00:43:38,940 --> 00:43:36,880

him and they crying for help and they

898

00:43:41,580 --> 00:43:38,950

rush outside they find his footsteps

899

00:43:44,490 --> 00:43:41,590

going halfway to the well in the snow

900

00:43:46,890 --> 00:43:44,500

and Oliver was never seen again and

901
00:43:50,370 --> 00:43:46,900
there was justice footsteps ended in the

902
00:43:52,440 --> 00:43:50,380
snow and so forth well I've seen people

903
00:43:54,660 --> 00:43:52,450
try to explain how that I tried to

904
00:43:56,430 --> 00:43:54,670
explain how well maybe he caught up on

905
00:43:58,590 --> 00:43:56,440
the fence and was walking on the fence

906
00:44:02,250 --> 00:43:58,600
and then he slipped off fell in the well

907
00:44:04,230 --> 00:44:02,260
and and we never saw him again but at

908
00:44:07,410 --> 00:44:04,240
the same time I was doing that I was

909
00:44:11,430 --> 00:44:07,420
following the categorical imperative and

910
00:44:15,420 --> 00:44:11,440
I had hired a researcher in the area of

911
00:44:17,100 --> 00:44:15,430
South Bend Indiana to research that that

912
00:44:20,340 --> 00:44:17,110
family there was no such family ever

913
00:44:24,240 --> 00:44:20,350

existed no such fun no such person ever

914

00:44:26,820 --> 00:44:24,250

or even the family name turns out then

915

00:44:31,260 --> 00:44:26,830

that story was plagiarized from an

916

00:44:34,260 --> 00:44:31,270

Ambrose Bierce short story so but but

917

00:44:36,900 --> 00:44:34,270

what I did was to try both let's assume

918

00:44:38,880 --> 00:44:36,910

it did happen could we possibly explain

919

00:44:40,740 --> 00:44:38,890

it and I came up with a okay a little

920

00:44:45,030 --> 00:44:40,750

bit of a far-fetched explanation but

921

00:44:47,640 --> 00:44:45,040

possible and at the same time let's see

922

00:44:52,350 --> 00:44:47,650

if it happened and I'm working both

923

00:44:53,610 --> 00:44:52,360

together as I often do and now what do

924

00:44:55,020 --> 00:44:53,620

you want to take a crack at is there a

925

00:44:56,640 --> 00:44:55,030

paranormal mystery or something that's

926

00:44:58,050 --> 00:44:56,650

come up recently all you've always

927

00:45:01,800 --> 00:44:58,060

wanted to get to the haven't been able

928

00:45:04,050 --> 00:45:01,810

to I don't Telegraph that to the world

929

00:45:06,570 --> 00:45:04,060

I've had some unfortunate experiences

930

00:45:08,430 --> 00:45:06,580

actually because I'm you know kind of

931

00:45:09,240 --> 00:45:08,440

the guy that you want to if you're

932

00:45:11,370 --> 00:45:09,250

trying to out

933

00:45:14,850 --> 00:45:11,380

I'll make a name for yourself you might

934

00:45:19,500 --> 00:45:14,860

want to step on my shoulders and leave

935

00:45:22,260 --> 00:45:19,510

me in the mud as you leap up so I've had

936

00:45:25,290 --> 00:45:22,270

I've had unfortunate situations where I

937

00:45:27,930 --> 00:45:25,300

talked to some students and they they

938

00:45:31,080 --> 00:45:27,940

went and told the people not not meaning

939

00:45:32,700 --> 00:45:31,090

maliciousness just just just told people

940

00:45:34,170 --> 00:45:32,710

I was working on this and what my

941

00:45:37,710 --> 00:45:34,180

theories were and all that was not

942

00:45:39,300 --> 00:45:37,720

helpful well we've had some great mass

943

00:45:40,740 --> 00:45:39,310

UFO sightings here in Australia in

944

00:45:41,730 --> 00:45:40,750

Melbourne in the 60s and that sort of

945

00:45:43,650 --> 00:45:41,740

thing how do you go and you have

946

00:45:45,740 --> 00:45:43,660

multiple eyewitnesses of something

947

00:45:50,460 --> 00:45:45,750

unusual how do you how do you pass that

948

00:45:52,650 --> 00:45:50,470

well people people may very well see the

949

00:45:56,490 --> 00:45:52,660

same thing and to go back to my

950

00:46:00,900 --> 00:45:56,500

flatwoods monster case where we're some

951
00:46:04,410 --> 00:46:00,910
you know some kids on a ball field saw a

952
00:46:06,510 --> 00:46:04,420
flying saucer and they was getting dark

953
00:46:08,310 --> 00:46:06,520
and they ran up into the woods and and

954
00:46:11,520 --> 00:46:08,320
pretty soon they saw a monster that now

955
00:46:14,700 --> 00:46:11,530
appears to have been a bar now well what

956
00:46:17,640 --> 00:46:14,710
about the UFO multiple witnesses right

957
00:46:19,530 --> 00:46:17,650
yeah okay and let's not dismiss it

958
00:46:21,030 --> 00:46:19,540
because it was little boys they were

959
00:46:22,890 --> 00:46:21,040
they were old enough to know they saw

960
00:46:26,510 --> 00:46:22,900
something and they taste they did see

961
00:46:29,700 --> 00:46:26,520
something but we know what they saw now

962
00:46:31,770 --> 00:46:29,710
they saw a meteor how do we know because

963
00:46:35,940 --> 00:46:31,780

it was reported over three states and we

964

00:46:39,660 --> 00:46:35,950

had astronomers suicide so in the end of

965

00:46:42,900 --> 00:46:39,670

discussion on that so yes people can see

966

00:46:44,100 --> 00:46:42,910

something they can all think oh that's a

967

00:46:47,070 --> 00:46:44,110

mysterious thing I've never seen

968

00:46:50,610 --> 00:46:47,080

anything like it because none of them

969

00:46:53,630 --> 00:46:50,620

are experts in meteors people can see

970

00:46:55,800 --> 00:46:53,640

even an ordinary airplane under unusual

971

00:46:58,650 --> 00:46:55,810

atmospheric conditions and it can look

972

00:47:01,770 --> 00:46:58,660

quite mysterious and they may see an

973

00:47:05,490 --> 00:47:01,780

upper atmospheric research balloon or a

974

00:47:07,800 --> 00:47:05,500

space debris or a hoax balloon with

975

00:47:09,990 --> 00:47:07,810

candles I've investigated so many

976
00:47:12,450 --> 00:47:10,000
different kinds of phenomenon like that

977
00:47:15,720 --> 00:47:12,460
so what it means when you have multiple

978
00:47:18,090 --> 00:47:15,730
witnesses is yes they're probably with

979
00:47:21,600 --> 00:47:18,100
something in the sky yes yes then the

980
00:47:26,740 --> 00:47:24,370
visible if one person is mistaken why

981
00:47:29,770 --> 00:47:26,750
wouldn't the next one be mistaken or any

982
00:47:33,280 --> 00:47:29,780
of them experts in the aerial phenomena

983
00:47:34,810 --> 00:47:33,290
know that never almost never are the

984
00:47:36,640 --> 00:47:34,820
people who see these things are just

985
00:47:38,590 --> 00:47:36,650
ordinary folk and they don't know what

986
00:47:40,390 --> 00:47:38,600
they saw can I ask you about the hell

987
00:47:42,220 --> 00:47:40,400
what your point is on the Travis Walton

988
00:47:43,660 --> 00:47:42,230

k so I've actually met him and it seems

989

00:47:48,130 --> 00:47:43,670

like he seemed to experience something

990

00:47:52,450 --> 00:47:48,140

to me how do you feel about that I think

991

00:47:56,200 --> 00:47:52,460

most of the alien abductees have had

992

00:47:58,510 --> 00:47:56,210

experiences in which quite a number of

993

00:48:01,510 --> 00:47:58,520

them are fantasy prone personalities and

994

00:48:05,920 --> 00:48:01,520

this this comes out if you looked at dr.

995

00:48:08,980 --> 00:48:05,930

max book John max book abduction and he

996

00:48:11,290 --> 00:48:08,990

isn't he has 13 abductees a chapter on

997

00:48:12,940 --> 00:48:11,300

each and you read that very soon you

998

00:48:15,310 --> 00:48:12,950

realize these are not average people

999

00:48:18,070 --> 00:48:15,320

they're not you me your friends these

1000

00:48:23,280 --> 00:48:18,080

are different people and their unusual

1001
00:48:28,960 --> 00:48:23,290
people they have a highly developed

1002
00:48:31,480 --> 00:48:28,970
ability to imagine things they are have

1003
00:48:33,460 --> 00:48:31,490
vivid dreams all of them are easily

1004
00:48:35,740 --> 00:48:33,470
hypnotized by definition because that's

1005
00:48:37,660 --> 00:48:35,750
how Mac judged them you see so right

1006
00:48:42,310 --> 00:48:37,670
away these are these are different

1007
00:48:43,750 --> 00:48:42,320
people and so I showed that that there

1008
00:48:45,490 --> 00:48:43,760
are a number of markers for what

1009
00:48:47,710 --> 00:48:45,500
psychologists call fantasy prone

1010
00:48:49,540 --> 00:48:47,720
personality and you can go through with

1011
00:48:51,730 --> 00:48:49,550
the checklist and you can read his book

1012
00:48:53,140 --> 00:48:51,740
and just show that they're you know

1013
00:48:54,640 --> 00:48:53,150

they're sincere and all that and they're

1014

00:48:55,570 --> 00:48:54,650

saying and normal there's nothing wrong

1015

00:48:58,450 --> 00:48:55,580

with him but they're what's called

1016

00:49:00,370 --> 00:48:58,460

fantasy prone to high propensity to to

1017

00:49:03,250 --> 00:49:00,380

imagine and to believe what they

1018

00:49:05,560 --> 00:49:03,260

imagined Travis Walton appears to be of

1019

00:49:09,250 --> 00:49:05,570

a different sort and Travis changed his

1020

00:49:10,660 --> 00:49:09,260

story and Travis told his mother if if

1021

00:49:12,220 --> 00:49:10,670

you don't hear from me for a while don't

1022

00:49:15,970 --> 00:49:12,230

worry about me and so are there are all

1023

00:49:19,330 --> 00:49:15,980

kinds of tips class in one of his books

1024

00:49:21,250 --> 00:49:19,340

dealt at length with the Travis Walton

1025

00:49:25,330 --> 00:49:21,260

case and concluded it was probably a

1026
00:49:26,800 --> 00:49:25,340
hoax at Travis his friends may not have

1027
00:49:29,200 --> 00:49:26,810
been in on it with him they may have

1028
00:49:31,570 --> 00:49:29,210
been he may have thought I can fool them

1029
00:49:33,680 --> 00:49:31,580
I'll go off to you wait here and they

1030
00:49:35,630 --> 00:49:33,690
saw some bright lights that he here

1031
00:49:39,050 --> 00:49:35,640
changed some kind of display or

1032
00:49:41,720 --> 00:49:39,060
something the least likely explanation

1033
00:49:44,060 --> 00:49:41,730
the least likely explanation is that

1034
00:49:48,170 --> 00:49:44,070
this was an extraterrestrial event of

1035
00:49:51,140 --> 00:49:48,180
any kind much more likely is that Travis

1036
00:49:54,460 --> 00:49:51,150
Walton who's a bit of a character bit of

1037
00:49:56,840 --> 00:49:54,470
a showman bit of a as he shown himself

1038
00:50:00,140 --> 00:49:56,850

subsequently a guy looking for attention

1039

00:50:02,870 --> 00:50:00,150

and and milked this and made almost a

1040

00:50:05,780 --> 00:50:02,880

little career of this tale and got a

1041

00:50:08,270 --> 00:50:05,790

movie made and so forth okay as a

1042

00:50:09,980 --> 00:50:08,280

regular detective when unusual cases

1043

00:50:11,570 --> 00:50:09,990

like this come to the regular police

1044

00:50:14,120 --> 00:50:11,580

department how they treated because

1045

00:50:15,260 --> 00:50:14,130

you've got murders and investigations

1046

00:50:17,090 --> 00:50:15,270

going on all the time and suddenly

1047

00:50:18,440 --> 00:50:17,100

something outside the experience comes

1048

00:50:21,410 --> 00:50:18,450

in out of the police department normally

1049

00:50:24,910 --> 00:50:21,420

handle that police departments are not

1050

00:50:28,670 --> 00:50:24,920

well equipped they have no better

1051

00:50:33,290 --> 00:50:28,680

knowledge or ability to investigate a

1052

00:50:35,540 --> 00:50:33,300

UFO than anybody they have no notion

1053

00:50:37,880 --> 00:50:35,550

what to do in a poltergeist case where

1054

00:50:40,070 --> 00:50:37,890

objects are thrown around a policeman

1055

00:50:42,320 --> 00:50:40,080

going in and and pretty soon he's saying

1056

00:50:45,050 --> 00:50:42,330

I saw that object leap off the shelf and

1057

00:50:46,970 --> 00:50:45,060

whatever he didn't but but he's not

1058

00:50:50,120 --> 00:50:46,980

people think of policeman's a trained

1059

00:50:52,880 --> 00:50:50,130

observer well he's an ordinary guy he's

1060

00:50:57,680 --> 00:50:52,890

just an ordinary guy with a gun and and

1061

00:51:01,430 --> 00:50:57,690

okay he's got some sense and maybe a

1062

00:51:05,390 --> 00:51:01,440

very wonderful person as police at their

1063

00:51:07,640 --> 00:51:05,400

best are but they're not trained in any

1064

00:51:09,200 --> 00:51:07,650

way in any of these paranormal cases and

1065

00:51:14,480 --> 00:51:09,210

they may in fact be just as

1066

00:51:16,880 --> 00:51:14,490

superstitious as or more so than the

1067

00:51:23,140 --> 00:51:16,890

average public and I've seen I've seen

1068

00:51:28,850 --> 00:51:23,150

the police commanders who were from a

1069

00:51:30,650 --> 00:51:28,860

kind of fringe religious sense and

1070

00:51:33,170 --> 00:51:30,660

believed in the devil and so forth and

1071

00:51:35,540 --> 00:51:33,180

you think well okay so is that guy a

1072

00:51:37,880 --> 00:51:35,550

solid policeman or is he a bit of a

1073

00:51:40,400 --> 00:51:37,890

wacko well he's he's okay as a solid

1074

00:51:42,760 --> 00:51:40,410

policeman when somebody pulls a gun or

1075

00:51:46,109 --> 00:51:42,770

something maybe a great brave man

1076
00:51:48,599 --> 00:51:46,119
somebody pulls a prank that looks like

1077
00:51:50,989 --> 00:51:48,609
devil work and he's caught right up in

1078
00:51:55,670 --> 00:51:50,999
it I mean we see this all the time

1079
00:51:58,859 --> 00:51:55,680
scientists as well aren't trained to to

1080
00:52:01,140 --> 00:51:58,869
examine trickery scientists if you think

1081
00:52:03,630 --> 00:52:01,150
about it depend on a world in which

1082
00:52:06,630 --> 00:52:03,640
everybody's being honest and so in

1083
00:52:09,210 --> 00:52:06,640
science you found something here's a

1084
00:52:11,579 --> 00:52:09,220
specimen you didn't fake it so now I can

1085
00:52:13,680 --> 00:52:11,589
test your specimen and so forth but it

1086
00:52:16,739 --> 00:52:13,690
but if somebody's of crook or somebody's

1087
00:52:20,220 --> 00:52:16,749
a deceiver the scientist is completely

1088
00:52:23,249 --> 00:52:20,230

bewildered because he's had no way to

1089

00:52:25,289 --> 00:52:23,259

protect for that so that's kind of why

1090

00:52:27,630 --> 00:52:25,299

our organization committee for skeptical

1091

00:52:29,789 --> 00:52:27,640

inquiry and skeptical Inquirer magazine

1092

00:52:31,620 --> 00:52:29,799

and of course Brisbane skeptics

1093

00:52:34,049 --> 00:52:31,630

Australian skeptics and all the great

1094

00:52:39,029 --> 00:52:34,059

skeptics groups around the world what we

1095

00:52:41,400 --> 00:52:39,039

do is we try to become informed use

1096

00:52:43,349 --> 00:52:41,410

expertise because some of us will be

1097

00:52:45,299 --> 00:52:43,359

detective some will be forensic people

1098

00:52:47,700 --> 00:52:45,309

some will be physicist some medical

1099

00:52:51,599 --> 00:52:47,710

doctors and so forth so we can draw on

1100

00:52:55,470 --> 00:52:51,609

if I'm not a doctor I know one and we're

1101

00:52:58,799 --> 00:52:55,480

all pretty much trained to use certain

1102

00:53:02,299 --> 00:52:58,809

basic principles that like burden of

1103

00:53:07,019 --> 00:53:02,309

proof and Occam's razor and and so forth

1104

00:53:09,359 --> 00:53:07,029

so we function I think as a public

1105

00:53:12,059 --> 00:53:09,369

service the scientists don't want to

1106

00:53:15,720 --> 00:53:12,069

fool with what they regard as nonsense

1107

00:53:18,180 --> 00:53:15,730

Bigfoot and so forth well no we're happy

1108

00:53:21,499 --> 00:53:18,190

to look at that area because somebody

1109

00:53:25,920 --> 00:53:21,509

needs to and the scientist shouldn't be

1110

00:53:27,839 --> 00:53:25,930

deterred and bothered by silliness we

1111

00:53:31,589 --> 00:53:27,849

are willing to look at these fringe

1112

00:53:34,049 --> 00:53:31,599

claims and can bring

1113

00:53:36,450 --> 00:53:34,059

that when we're at our best and that

1114

00:53:40,319 --> 00:53:36,460

means we're not dismissive and debunkers

1115

00:53:45,299 --> 00:53:40,329

and sober when we're at our best we can

1116

00:53:47,880 --> 00:53:45,309

often clarify these cases and catch hoax

1117

00:53:52,170 --> 00:53:47,890

I've caught many many tricksters caught

1118

00:53:54,299 --> 00:53:52,180

them red-handed we can often maybe not

1119

00:53:56,729 --> 00:53:54,309

absolutely prove something but we can

1120

00:53:59,609 --> 00:53:56,739

infer something from the evidence as we

1121

00:54:01,890 --> 00:53:59,619

can infer that say the Nazca lines are

1122

00:54:05,160 --> 00:54:01,900

ritual walking paths now have very good

1123

00:54:07,019 --> 00:54:05,170

information to infer that we don't have

1124

00:54:10,049 --> 00:54:07,029

to depend on police so I think what

1125

00:54:13,769 --> 00:54:10,059

police I would advise police you know

1126

00:54:15,989 --> 00:54:13,779

too okay maybe show up the first time

1127

00:54:19,979 --> 00:54:15,999

when some disturbance but once they find

1128

00:54:23,160 --> 00:54:19,989

it's a little bit paranormal issue or

1129

00:54:26,640 --> 00:54:23,170

supernatural ish or whatever refer the

1130

00:54:28,769 --> 00:54:26,650

people to psychologist or or get to know

1131

00:54:31,410 --> 00:54:28,779

their their local skeptics refer the

1132

00:54:35,640 --> 00:54:31,420

case to them ask for their help and

1133

00:54:38,039 --> 00:54:35,650

whenever that's been done I think things

1134

00:54:39,930 --> 00:54:38,049

are not much better play and Joe Nickell

1135

00:54:41,489 --> 00:54:39,940

what's the best one of your books sums

1136

00:54:43,200 --> 00:54:41,499

up many of the cases that you looked at

1137

00:54:45,569 --> 00:54:43,210

over these and what's the best website

1138

00:54:49,650 --> 00:54:45,579

for you to have a look at well my

1139

00:54:52,819 --> 00:54:49,660

website is is joe nickell calm and that

1140

00:54:55,769 --> 00:54:52,829

you have to spell nickel and IC ke ll

1141

00:54:58,079 --> 00:54:55,779

and that has some of some of my work

1142

00:55:01,469 --> 00:54:58,089

it's it's hard to pick just one book

1143

00:55:03,930 --> 00:55:01,479

because i have written maybe forty some

1144

00:55:05,880 --> 00:55:03,940

books and maybe that's 38 too many but

1145

00:55:07,920 --> 00:55:05,890

it's hard to say just which ones if you

1146

00:55:11,219 --> 00:55:07,930

if you were interested in historical

1147

00:55:13,609 --> 00:55:11,229

mysteries you would want my unsought

1148

00:55:16,170 --> 00:55:13,619

istry if you were looking at religious

1149

00:55:18,329 --> 00:55:16,180

miracles you'd want my the science of

1150

00:55:20,789 --> 00:55:18,339

miracles if you were interested in

1151
00:55:22,589 --> 00:55:20,799
ghosts the science of ghosts and so on

1152
00:55:23,999 --> 00:55:22,599
how do you go when you sit down towards

1153
00:55:27,870 --> 00:55:24,009
the history channel and ancient aliens

1154
00:55:30,749 --> 00:55:27,880
are on it's like von Daniken he's back

1155
00:55:33,390 --> 00:55:30,759
he's back make sure i've taken my blood

1156
00:55:34,920 --> 00:55:33,400
pressure medicine joe nickell this has

1157
00:55:36,089 --> 00:55:34,930
been the highlight of my weekend then

1158
00:55:39,719 --> 00:55:36,099
it's great to know you're a bourbon

1159
00:55:41,650 --> 00:55:39,729
drinker man yes and and the author of a

1160
00:55:45,940 --> 00:55:41,660
book called the kentucky mint julep

1161
00:55:49,390 --> 00:55:45,950
which you know is a bourbon drink and

1162
00:55:53,140 --> 00:55:49,400
and I I claim some authority to being an

1163
00:55:55,930 --> 00:55:53,150

expert and that that that book has as my

1164

00:55:59,020 --> 00:55:55,940

title Colonel Joe Nick Lyman I am a

1165

00:56:00,549 --> 00:55:59,030

Kentucky kernel as authentically so as

1166

00:56:03,279 --> 00:56:00,559

Colonel Sanders in other words the

1167

00:56:04,750 --> 00:56:03,289

governor the governor bestows the title

1168

00:56:07,870 --> 00:56:04,760

Colonel on you the same way the Queen

1169

00:56:09,789 --> 00:56:07,880

would make you a knight and sir so and

1170

00:56:11,980 --> 00:56:09,799

so and though of course I'm not

1171

00:56:14,650 --> 00:56:11,990

suggesting in any way that that the

1172

00:56:16,930 --> 00:56:14,660

governor's making you a colonel is

1173

00:56:19,829 --> 00:56:16,940

anything a fraction as prestigious as

1174

00:56:22,270 --> 00:56:19,839

the Queen making one a knight I mean that

1175

00:56:24,010 --> 00:56:22,280

watch a bit of Adam choice I mean I

1176

00:56:27,279 --> 00:56:24,020

don't do some buzz marketing ii don't

1177

00:56:30,400 --> 00:56:27,289

know i don't i don't do that but i say

1178

00:56:34,450 --> 00:56:30,410

that you know find find a bourbon you

1179

00:56:38,109 --> 00:56:34,460

like and then you know get some fresh

1180

00:56:40,480 --> 00:56:38,119

mint and a little sugar and a little bit

1181

00:56:42,039 --> 00:56:40,490

of water and muddled them together so

1182

00:56:44,589 --> 00:56:42,049

that you may commence syrup in the

1183

00:56:46,029 --> 00:56:44,599

bottom of your old fashioned glass say

1184

00:56:48,430 --> 00:56:46,039

or whatever is that that's what you need

1185

00:56:51,579 --> 00:56:48,440

to do that wide base glass yeah and you

1186

00:56:54,039 --> 00:56:51,589

make a little mint syrup then you you

1187

00:56:55,990 --> 00:56:54,049

fill the glass with crushed ice if you

1188

00:56:57,430 --> 00:56:56,000

have it if you don't just use ice cubes

1189

00:56:59,589 --> 00:56:57,440

but it's crushed ice is clearly better

1190

00:57:03,190 --> 00:56:59,599

leaving the spoon in the glass while you

1191

00:57:06,339 --> 00:57:03,200

do that then you pour 2 ounces two

1192

00:57:09,849 --> 00:57:06,349

ounces of bourbon this is a strong drink

1193

00:57:12,730 --> 00:57:09,859

on top now you take the spoon and just

1194

00:57:14,200 --> 00:57:12,740

gently stir so you mix up the mints are

1195

00:57:17,470 --> 00:57:14,210

up in the bottom with it with the

1196

00:57:20,440 --> 00:57:17,480

bourbon and then just carefully with

1197

00:57:23,079 --> 00:57:20,450

withdraw the spoon you're almost ready

1198

00:57:24,579 --> 00:57:23,089

now you put a sprig of fresh mint in

1199

00:57:27,339 --> 00:57:24,589

from the top so that you can kind of

1200

00:57:29,680 --> 00:57:27,349

sniff it as you sip and be careful that

1201

00:57:31,750 --> 00:57:29,690

you sip it because it will knock you for

1202

00:57:33,789 --> 00:57:31,760

a loop if you can gulp it down like it's

1203

00:57:35,319 --> 00:57:33,799

not like a snaps you don't slam it down

1204

00:57:38,289 --> 00:57:35,329

you take your time with that is that

1205

00:57:40,750 --> 00:57:38,299

southern thing it is it is and in the

1206

00:57:43,120 --> 00:57:40,760

old days you know that the Kentucky

1207

00:57:45,099 --> 00:57:43,130

Colonels left over from the Civil War

1208

00:57:47,319 --> 00:57:45,109

you know it and you need a drink after

1209

00:57:49,359 --> 00:57:47,329

that hell that's right that's right and

1210

00:57:50,970 --> 00:57:49,369

you'd have sort of down away from the

1211

00:57:53,740 --> 00:57:50,980

plantation house you'd have a little

1212

00:57:54,820 --> 00:57:53,750

spring house where you could cold

1213

00:57:56,380 --> 00:57:54,830

natural water

1214

00:57:58,480 --> 00:57:56,390

come out of the little spring house and

1215

00:58:00,640 --> 00:57:58,490

the whole little house was kind of a

1216

00:58:03,760 --> 00:58:00,650

little fridge you know so you can keep

1217

00:58:05,650 --> 00:58:03,770

your bourbon in there you could in in

1218

00:58:08,050 --> 00:58:05,660

that wet ground around the springhouse

1219

00:58:11,350 --> 00:58:08,060

the mint would grow in the shade and the

1220

00:58:15,100 --> 00:58:11,360

cool so they go down to the Spring House

1221

00:58:19,270 --> 00:58:15,110

and get some cold water and some fresh

1222

00:58:21,460 --> 00:58:19,280

mint right right off the vine and and of

1223

00:58:23,020 --> 00:58:21,470

course the bourbon and and they would

1224

00:58:26,080 --> 00:58:23,030

take their visiting friends down there

1225

00:58:28,900 --> 00:58:26,090

and sit in chairs will sit around and

1226

00:58:33,940 --> 00:58:28,910

drink drink this drink because if you if

1227

00:58:36,940 --> 00:58:33,950

you treat the mint julep like a mixed

1228

00:58:41,160 --> 00:58:36,950

drink and you can just go pitt down a

1229

00:58:44,620 --> 00:58:41,170

lot of mixer and very little alcohol the

1230

00:58:47,590 --> 00:58:44,630

julep is a powerful drink I say two

1231

00:58:51,250 --> 00:58:47,600

things about it I remember once at a

1232

00:58:54,190 --> 00:58:51,260

party a person came up to me and said

1233

00:58:57,190 --> 00:58:54,200

earnestly please don't let Daddy have

1234

00:59:00,820 --> 00:58:57,200

any more of those so that was always

1235

00:59:03,190 --> 00:59:00,830

remember that it's a great quote it is

1236

00:59:04,780 --> 00:59:03,200

it is a great quote and the other is

1237

00:59:06,670 --> 00:59:04,790

I'll have people who will say well I

1238

00:59:08,620 --> 00:59:06,680

think you have to do the recipe a little

1239

00:59:10,840 --> 00:59:08,630

differently some have this theory or

1240

00:59:12,820 --> 00:59:10,850

that theory about you know how you use

1241

00:59:16,060 --> 00:59:12,830

the mint leaves or what you put in and

1242

00:59:17,350 --> 00:59:16,070

so forth and I say well true but after

1243

00:59:20,590 --> 00:59:17,360

you've had a couple of them it doesn't

1244

00:59:22,450 --> 00:59:20,600

much matter what you do that's true look

1245

00:59:24,040 --> 00:59:22,460

then more information evidence-based

1246

00:59:25,540 --> 00:59:24,050

bourbon information to be found at Joe

1247

00:59:26,740 --> 00:59:25,550

Nickell calm and thank you very much

1248

00:59:28,540 --> 00:59:26,750

having a chat with you I've been won't

1249

00:59:30,460 --> 00:59:28,550

have a chat for a long time job my

1250

00:59:41,470 --> 00:59:30,470

pleasure thanks for asking such good

1251
00:59:46,630 --> 00:59:43,880
coming up on Thursday the fifth of

1252
00:59:49,280 --> 00:59:46,640
November that's only in a few days

1253
00:59:51,050 --> 00:59:49,290
Sydney skeptics in the pub the Crown

1254
00:59:52,730 --> 00:59:51,060
Hotel the corner of Elizabeth and

1255
00:59:55,970 --> 00:59:52,740
Goulburn streets in the city kicking off

1256
00:59:58,640 --> 00:59:55,980
around six pm and the torque at this

1257
01:00:02,000 --> 00:59:58,650
month an overview of medical cannabis in

1258
01:00:03,860 --> 01:00:02,010
Australia with dr. Theresa Nicoletti the

1259
01:00:05,690 --> 01:00:03,870
New South Wales Government has recently

1260
01:00:08,420 --> 01:00:05,700
established the Center for medical

1261
01:00:10,610 --> 01:00:08,430
cannabis research and innovation the

1262
01:00:13,040 --> 01:00:10,620
center will conduct clinical trials of

1263
01:00:15,410 --> 01:00:13,050

the medical use of cannabis not just for

1264

01:00:18,890 --> 01:00:15,420

terminal cancer patients but for other

1265

01:00:21,530 --> 01:00:18,900

conditions such as epilepsy promises to

1266

01:00:24,080 --> 01:00:21,540

be a very interesting talk indeed the

1267

01:00:27,920 --> 01:00:24,090

best thing to do is to go to meetup com

1268

01:00:46,700 --> 01:00:27,930

look for Australian skeptics follow the

1269

01:00:50,190 --> 01:00:48,960

thank you for listening to the skeptic

1270

01:00:51,930 --> 01:00:50,200

zone I've come back up to the balcony

1271

01:00:56,370 --> 01:00:51,940

now looking out the thunder lightning

1272

01:01:00,210 --> 01:00:56,380

still going on Wow even that won't even

1273

01:01:02,790 --> 01:01:00,220

scared a bird out of the tree coming up

1274

01:01:04,470 --> 01:01:02,800

on next week's show more reports from

1275

01:01:07,860 --> 01:01:04,480

the National Convention with Maynard

1276

01:01:12,480 --> 01:01:07,870

chatting to our one of the one of the

1277

01:01:13,860 --> 01:01:12,490

best people in skepticism folks Wow her

1278

01:01:15,480 --> 01:01:13,870

name is not well that's just the

1279

01:01:22,110 --> 01:01:15,490

Lightning I thought Eugenie Scott

1280

01:01:24,330 --> 01:01:22,120

Eugenie Scott was in Brisbane liming for

1281

01:01:26,100 --> 01:01:24,340

the convention so we will look forward

1282

01:01:28,200 --> 01:01:26,110

to that interview more from Maine out of

1283

01:01:31,890 --> 01:01:28,210

course at the convention chatting to

1284

01:01:33,930 --> 01:01:31,900

various people and I hopefully hopefully

1285

01:01:37,140 --> 01:01:33,940

we'll have a report from Joe alabasteral

1286

01:01:39,410 --> 01:01:37,150

Heidi Robinson about tune in next week

1287

01:01:41,850 --> 01:01:39,420

and find out but for now for this week

1288

01:01:49,470 --> 01:01:41,860

this is Richard Saunders ducking for

1289

01:01:51,140 --> 01:01:49,480

cover from Sydney Australia you've been

1290

01:01:54,630 --> 01:01:51,150

listening to the skeptics own podcast

1291

01:01:57,720 --> 01:01:54,640

visit our website at wwc a petting zoo

1292

01:02:01,590 --> 01:01:57,730

TV for contacts and archive of all

1293

01:02:03,900 --> 01:02:01,600

episodes since 2008 and our online store

1294

01:02:06,620 --> 01:02:03,910

please support the skeptic zone by

1295

01:02:09,630 --> 01:02:06,630

following us on twitter at skeptic zone

1296

01:02:12,690 --> 01:02:09,640

liking us on facebook and leaving a

1297

01:02:15,540 --> 01:02:12,700

review on iTunes you can also show your

1298

01:02:19,020 --> 01:02:15,550

support by subscribing via paypal for as

1299

01:02:21,330 --> 01:02:19,030

little as 99 cents a week the skeptic

1300

01:02:23,070 --> 01:02:21,340

zone is an independent production the

1301

01:02:25,140 --> 01:02:23,080

views and opinions expressed on the

1302

01:02:27,830 --> 01:02:25,150

skeptic zone and not necessarily those

1303

01:02:37,830 --> 01:02:27,840

of Australian skeptics or any other

1304

01:02:42,820 --> 01:02:40,120

grandmother saunders peanut butter

1305

01:02:46,120 --> 01:02:42,830

cookies what you'll need half a cup of

1306

01:02:50,710 --> 01:02:46,130

butter half a cup of brown sugar half a

1307

01:02:54,400 --> 01:02:50,720

cup of granulated sugar 1 egg half a cup

1308

01:02:56,980 --> 01:02:54,410

of peanut butter I prefer crunchy half a

1309

01:03:02,020 --> 01:02:56,990

teaspoon of salt half a teaspoon of

1310

01:03:05,680 --> 01:03:02,030

baking soda 1 cup of flour and half a

1311

01:03:08,680 --> 01:03:05,690

teaspoon of vanilla the instructions say

1312

01:03:11,520 --> 01:03:08,690

cream butter add sugars gradually

1313

01:03:16,150 --> 01:03:11,530

beating until creamy mix in an egg

1314

01:03:19,300 --> 01:03:16,160

peanut butter salt and baking soda blend

1315

01:03:22,990 --> 01:03:19,310

in the flour slowly add vanilla and mix

1316

01:03:26,470 --> 01:03:23,000

well roll into small balls and place on

1317

01:03:29,110 --> 01:03:26,480

a greased cookie sheet press the balls

1318

01:03:33,910 --> 01:03:29,120

flat with a fork would make sure the

1319

01:03:37,900 --> 01:03:33,920

fork is dipped in flour first bake in a

1320

01:03:41,260 --> 01:03:37,910

moderate oven 350 degrees Fahrenheit for

1321

01:03:44,340 --> 01:03:41,270

10 to 12 minutes yield four and a half

1322

01:03:48,330 --> 01:03:44,350

to five dozen and they are just

1323

01:03:51,640 --> 01:03:48,340

delicious thanks mum for making