

1
00:00:01,280 --> 00:00:14,609
hello Siri hello there Richard play

2
00:00:08,419 --> 00:00:16,679
skepta by Brian Dunning sorry i couldn't

3
00:00:14,609 --> 00:00:21,329
find scaphoid by Brian Dunning in your

4
00:00:16,679 --> 00:00:26,460
music not scaphoid please play skip

5
00:00:21,329 --> 00:00:28,500
toyed by Brian Dunning sorry i couldn't

6
00:00:26,460 --> 00:00:33,590
find skip corrine by Brian Dunning in

7
00:00:28,500 --> 00:00:39,030
your music theory it's a podcast play

8
00:00:33,590 --> 00:00:42,780
skep tied by Brian Dunning I don't see

9
00:00:39,030 --> 00:00:46,489
any broadcast snatching serious say Siri

10
00:00:42,780 --> 00:00:49,109
play skip toyed by Brian Dunning I

11
00:00:46,488 --> 00:00:53,280
couldn't find skip Lee by Brian Dunning

12
00:00:49,109 --> 00:00:57,509
in your music play skept tied by Brian

13
00:00:53,280 --> 00:01:01,320
Dunning sorry i couldn't find sleep

14
00:00:57,509 --> 00:01:06,478
morning and your music please play skip

15
00:01:01,320 --> 00:01:10,650
toyed by Brian Dunning I couldn't find

16
00:01:06,478 --> 00:01:15,750
schizoid in your music sri play skept

17
00:01:10,650 --> 00:01:18,710
tied by Brian Dunning I couldn't find

18
00:01:15,750 --> 00:01:25,200
slipway by mind-numbing in your music

19
00:01:18,709 --> 00:01:29,030
damn it Siri played the skeptic zone now

20
00:01:25,200 --> 00:01:29,030
playing album the skeptic zone

21
00:01:33,189 --> 00:01:40,950
welcome to the skeptic zone the podcast

22
00:01:36,340 --> 00:01:40,950
from Australia for science and reason

23
00:01:49,810 --> 00:01:55,819
hello and welcome to the skeptic zone

24
00:01:52,399 --> 00:01:58,609
episode number 211 for the third of

25
00:01:55,819 --> 00:02:00,379
November 2012 Richard Saunders here with

26
00:01:58,609 --> 00:02:03,019
you from wonderful glorious beautiful

27
00:02:00,379 --> 00:02:05,478
Southern California where I'm visiting

28
00:02:03,019 --> 00:02:08,209
my good friend Brian Dunning now believe

29

00:02:05,478 --> 00:02:10,728
it or not I am sitting in the Skip tied

30
00:02:08,209 --> 00:02:13,519
studio using the Skip toyed microphone

31
00:02:10,729 --> 00:02:15,769
to record this episode of the skeptics

32
00:02:13,519 --> 00:02:18,049
and what a great crossover folks on this

33
00:02:15,769 --> 00:02:20,719
week's show we kick off with a chat with

34
00:02:18,049 --> 00:02:23,510
teacher science teacher Erin Kelley

35
00:02:20,719 --> 00:02:25,759
Stephens from will c wood high school in

36
00:02:23,509 --> 00:02:27,798
vacaville in california he kindly

37
00:02:25,759 --> 00:02:30,289
invited me to go and speak to some of

38
00:02:27,799 --> 00:02:32,780
his students take some classes and do

39
00:02:30,289 --> 00:02:34,639
the mystery investigators show so I chat

40
00:02:32,780 --> 00:02:37,280
with him and then I have a little talk

41
00:02:34,639 --> 00:02:40,189
with some of his students following that

42
00:02:37,280 --> 00:02:42,500
it's mad Maynard once again not a term

43
00:02:40,189 --> 00:02:46,129

this time but at the shonky Awards the

44
00:02:42,500 --> 00:02:48,709
2012 shonky awards from choice magazine

45
00:02:46,129 --> 00:02:50,229
an hour keen interest The Skeptical keen

46
00:02:48,709 --> 00:02:52,759
interest in the shonky Awards this year

47
00:02:50,229 --> 00:02:56,018
was that they awarded one of their

48
00:02:52,759 --> 00:02:59,840
sharkys to nature's way kids smart

49
00:02:56,019 --> 00:03:02,389
natural medicines homeopathic range and

50
00:02:59,840 --> 00:03:04,848
to quote their press release shonky

51
00:03:02,389 --> 00:03:07,879
loves homeopathy the idea of selling

52
00:03:04,848 --> 00:03:09,649
water for upwards of 1,000 dollars per

53
00:03:07,879 --> 00:03:12,259
liter and claiming it's medicine

54
00:03:09,650 --> 00:03:15,109
represents the very essence of shock

55
00:03:12,259 --> 00:03:17,239
enos but convincing anxious or desperate

56
00:03:15,109 --> 00:03:19,219
parents they can use it to treat their

57
00:03:17,239 --> 00:03:22,459
children's ailment takes it to a whole

58
00:03:19,219 --> 00:03:24,799
new level may nod catches up with the

59
00:03:22,459 --> 00:03:29,030
host of the show keys Julian morrow

60
00:03:24,799 --> 00:03:31,909
funny guy and choices own Ingrid used to

61
00:03:29,030 --> 00:03:34,669
tell us more about the shonky for

62
00:03:31,909 --> 00:03:38,090
homeopathic medicine about time

63
00:03:34,669 --> 00:03:40,549
homeopathy was labeled a shock and to

64
00:03:38,090 --> 00:03:43,609
round off the show it's back to the hot

65
00:03:40,549 --> 00:03:46,159
tub of truth Brian Dunning zone hot tub

66
00:03:43,609 --> 00:03:49,159
with Brian Dunning Lisa Dunning Erica

67
00:03:46,159 --> 00:03:51,769
Dunning Rachel bloom John rail Jenn

68
00:03:49,158 --> 00:03:53,719
brown and our very own penny for your

69
00:03:51,769 --> 00:03:55,659
thoughts penny channel

70
00:03:53,719 --> 00:03:58,580
into the hot tub and chat about

71
00:03:55,659 --> 00:04:00,109
skeptical things well that's enough for

72
00:03:58,580 --> 00:04:03,920
me I can't wait to get into this week's

73
00:04:00,110 --> 00:04:06,560
show so while I run downstairs and raid

74
00:04:03,919 --> 00:04:09,439
Brian Dunning's fridge to find some

75
00:04:06,560 --> 00:04:12,069
bacon and eggs I'll let you enjoy the

76
00:04:09,439 --> 00:04:12,069
skeptical zone

77
00:04:31,769 --> 00:04:33,829
you

78
00:04:50,949 --> 00:04:56,120
well here i am in wonderful glorious

79
00:04:53,629 --> 00:04:59,329
vacaville in california and we'll see

80
00:04:56,120 --> 00:05:02,389
Boonen I school go cats yes Wow gasps go

81
00:04:59,329 --> 00:05:04,159
in go cats and I'm here with a very good

82
00:05:02,389 --> 00:05:07,220
friend of mine Erin Kelley Stephens

83
00:05:04,160 --> 00:05:10,100
hello hello Richard erryday I'm doing so

84
00:05:07,220 --> 00:05:11,960
well I'm so glad be here at the high

85
00:05:10,100 --> 00:05:13,850
school and women in a sort of a very

86

00:05:11,959 --> 00:05:16,129
interesting back area behind all the

87
00:05:13,850 --> 00:05:18,110
classrooms there's some generators

88
00:05:16,129 --> 00:05:20,000
wearing in the background obviously

89
00:05:18,110 --> 00:05:22,750
doing some side seams on the stuff I

90
00:05:20,000 --> 00:05:24,800
presume yes as our science prep area and

91
00:05:22,750 --> 00:05:26,810
we've been lucky to get this building

92
00:05:24,800 --> 00:05:28,610
our prior building I think the entire

93
00:05:26,810 --> 00:05:30,620
building actually took a blessed base

94
00:05:28,610 --> 00:05:32,240
than our prep area now does in our new

95
00:05:30,620 --> 00:05:34,160
building so it's pretty fantastic we

96
00:05:32,240 --> 00:05:35,840
like it back here this is a nice area of

97
00:05:34,160 --> 00:05:38,930
your teachers aren't we're sitting at a

98
00:05:35,839 --> 00:05:40,279
huge table this is a judge as one of the

99
00:05:38,930 --> 00:05:42,949
biggest tables I've ever seen and

100
00:05:40,279 --> 00:05:44,359

there's cameras below it storage even

101

00:05:42,949 --> 00:05:45,949

better there's a white board over there

102

00:05:44,360 --> 00:05:48,379

and this looks like something out of a

103

00:05:45,949 --> 00:05:51,728

James Bond movie this this is a the last

104

00:05:48,379 --> 00:05:54,110

time I saw something like this it's like

105

00:05:51,728 --> 00:05:55,908

you can do experiments in there put your

106

00:05:54,110 --> 00:05:57,408

arms in all the fumes get desk it's a

107

00:05:55,908 --> 00:05:59,449

feel of it that's exactly what it is

108

00:05:57,408 --> 00:06:00,649

yeah so our science our chemistry

109

00:05:59,449 --> 00:06:03,079

teachers don't pass out when they're

110

00:06:00,649 --> 00:06:04,489

burned experiments for the kids yet the

111

00:06:03,079 --> 00:06:06,649

last time I saw something like that was

112

00:06:04,490 --> 00:06:08,000

a dr. ray cheese lab now I was visiting

113

00:06:06,649 --> 00:06:10,459

dr. Reggie at her lab one day and she

114

00:06:08,000 --> 00:06:12,769

was showing me Wow quite honestly I

115
00:06:10,459 --> 00:06:14,719
don't use it much I guess I could crawl

116
00:06:12,769 --> 00:06:16,189
in there take a nice clean air nap but

117
00:06:14,720 --> 00:06:18,199
that would be all I'd use it for a for

118
00:06:16,189 --> 00:06:20,060
biology it's quite big you'd almost food

119
00:06:18,199 --> 00:06:23,120
in there I think I'm quite small so i

120
00:06:20,060 --> 00:06:25,668
think i did now i'm so happy to be here

121
00:06:23,120 --> 00:06:28,038
you kindly invited me here today to give

122
00:06:25,668 --> 00:06:30,799
a talk to your some of your students in

123
00:06:28,038 --> 00:06:32,870
fact i'm going to be speaking to two

124
00:06:30,800 --> 00:06:34,669
classes one or two classes to Class B

125
00:06:32,870 --> 00:06:36,439
oats and then your presentation in the

126
00:06:34,668 --> 00:06:37,969
library after school yeah and I'm doing

127
00:06:36,439 --> 00:06:40,098
sort of my half of the mystery

128
00:06:37,970 --> 00:06:41,720
investigators program I sort of winging

129
00:06:40,098 --> 00:06:44,300
up a little bit it's a normally a

130
00:06:41,720 --> 00:06:45,979
two-person show I do it was dr. HC or my

131
00:06:44,300 --> 00:06:48,199
good friend Ian Bryce we take they take

132
00:06:45,978 --> 00:06:49,459
turns but I can sort of get by and we're

133
00:06:48,199 --> 00:06:51,500
going to do water divining and we're

134
00:06:49,459 --> 00:06:54,529
going to do memory tests and peridot

135
00:06:51,500 --> 00:06:55,968
Leah I don't remember because I was I

136
00:06:54,529 --> 00:06:58,879
did this here a couple years ago

137
00:06:55,968 --> 00:06:59,288
pareidolia where you see faces in random

138
00:06:58,879 --> 00:07:01,449
shape

139
00:06:59,288 --> 00:07:03,610
I don't know if we did that but you had

140
00:07:01,449 --> 00:07:05,770
the picture of I think one of the

141
00:07:03,610 --> 00:07:07,658
princes were his Prince of England where

142
00:07:05,769 --> 00:07:09,519
his face was that she signed up and

143

00:07:07,658 --> 00:07:13,629
upside down all that one you have a

144
00:07:09,519 --> 00:07:16,058
mother of things that would mess with

145
00:07:13,629 --> 00:07:18,639
your eyes yes optical illusions worth

146
00:07:16,059 --> 00:07:21,309
that was Prince William he's out of the

147
00:07:18,639 --> 00:07:23,228
show at the moment Chris back home I use

148
00:07:21,309 --> 00:07:24,490
our prime minister which is Julia

149
00:07:23,228 --> 00:07:26,618
Gillard which works well cuz all the

150
00:07:24,490 --> 00:07:28,809
kids know but I've put in eight how to

151
00:07:26,619 --> 00:07:30,309
his lady gaga relating it okay well I've

152
00:07:28,809 --> 00:07:32,740
done better I've put in Barack Obama

153
00:07:30,309 --> 00:07:34,389
okay so he's going to be the one who's

154
00:07:32,740 --> 00:07:35,800
face gets turned upside down in the

155
00:07:34,389 --> 00:07:38,139
presentation that I found a great

156
00:07:35,800 --> 00:07:41,860
picture President Obama huge smile and

157
00:07:38,139 --> 00:07:43,538

I've changed the smile and using it'll

158

00:07:41,860 --> 00:07:46,028

work sport for it it's got a handsome

159

00:07:43,538 --> 00:07:48,490

smile yes he does he's good he's quite

160

00:07:46,028 --> 00:07:51,668

he's quite a charismatic figure isn't he

161

00:07:48,490 --> 00:07:54,278

indeed yet and at the time of recording

162

00:07:51,668 --> 00:07:56,558

it's still neck and neck as far as I

163

00:07:54,278 --> 00:07:58,838

know as far as the media presents it

164

00:07:56,559 --> 00:08:00,369

yeah yeah it's hard to say what really

165

00:07:58,838 --> 00:08:02,848

is going on in the minds of Americans

166

00:08:00,369 --> 00:08:05,949

but as far as we hear on the news yet

167

00:08:02,848 --> 00:08:09,308

dead even although interesting i saw a

168

00:08:05,949 --> 00:08:11,680

report a few days ago where some group

169

00:08:09,309 --> 00:08:13,479

of psychics and mystics have foreseen

170

00:08:11,680 --> 00:08:14,949

that barack obama will win the

171

00:08:13,478 --> 00:08:18,218

presidential election i'm thinking to

172
00:08:14,949 --> 00:08:20,319
myself wow that's so that's it that's an

173
00:08:18,218 --> 00:08:22,899
amazing prediction isn't it well is this

174
00:08:20,319 --> 00:08:24,069
only a 50-50 chance it's not like if

175
00:08:22,899 --> 00:08:25,418
they'd have predicted what because

176
00:08:24,069 --> 00:08:26,919
they're not the only two running for

177
00:08:25,418 --> 00:08:28,959
office or just the only to anybody knows

178
00:08:26,918 --> 00:08:30,079
i don't know the other people probably

179
00:08:28,959 --> 00:08:32,690
should but

180
00:08:30,079 --> 00:08:34,778
if one of those I worked out I would be

181
00:08:32,690 --> 00:08:38,089
now that would be something right well

182
00:08:34,778 --> 00:08:41,570
today's date is the looks of my budgets

183
00:08:38,089 --> 00:08:43,159
the 29th yes of October I'll put it out

184
00:08:41,570 --> 00:08:45,050
there I'll make a bold prediction I'll

185
00:08:43,158 --> 00:08:48,828
predict the Barack Obama will win there

186
00:08:45,049 --> 00:08:50,449
you go very cool very who knows if

187
00:08:48,828 --> 00:08:53,299
that'll come true so you've been a

188
00:08:50,450 --> 00:08:55,220
science teacher here at will c wood of

189
00:08:53,299 --> 00:08:57,769
school for how about this is my 11th

190
00:08:55,220 --> 00:08:59,980
year actually so really yeah Wow as a

191
00:08:57,769 --> 00:09:02,179
bit of a frightening little story

192
00:08:59,980 --> 00:09:03,350
earlier this year I was looking at the

193
00:09:02,179 --> 00:09:05,509
list of new teachers that have been

194
00:09:03,350 --> 00:09:08,120
hired and lo and behold when my former

195
00:09:05,509 --> 00:09:11,299
students was hired as a teacher no yes i

196
00:09:08,120 --> 00:09:13,610
felt quite old in that moment granted he

197
00:09:11,299 --> 00:09:16,278
was fast track ii he got through college

198
00:09:13,610 --> 00:09:18,200
quickly and you know went straight into

199
00:09:16,278 --> 00:09:21,200
the teaching but still it made me feel

200

00:09:18,200 --> 00:09:22,970
and wow he still calls me mr. Stevens

201
00:09:21,200 --> 00:09:25,990
you don't have to call me mr. Stevens

202
00:09:22,970 --> 00:09:28,070
anymore your colleague how about that

203
00:09:25,990 --> 00:09:30,049
yeah you know you're getting old on

204
00:09:28,070 --> 00:09:34,250
earth yes sort of things happen I think

205
00:09:30,049 --> 00:09:35,569
to myself as I progressed through life I

206
00:09:34,250 --> 00:09:37,250
know I'm getting bit older when I can

207
00:09:35,570 --> 00:09:41,360
say to people you know before you were

208
00:09:37,250 --> 00:09:44,929
born the early idea this is what we used

209
00:09:41,360 --> 00:09:47,079
to do and when did your interest in

210
00:09:44,929 --> 00:09:49,309
skepticism so I guess you'd have to be

211
00:09:47,078 --> 00:09:52,759
interested somewhat every science

212
00:09:49,309 --> 00:09:55,458
teacher should be well is a like many

213
00:09:52,759 --> 00:09:57,049
people as a long and interesting may be

214
00:09:55,458 --> 00:09:59,509

interesting to me long journey will say

215

00:09:57,049 --> 00:10:01,338

that I went to Catholic school for eight

216

00:09:59,509 --> 00:10:03,559

years when I was a kid not so much

217

00:10:01,339 --> 00:10:05,209

because my family is devout Catholic my

218

00:10:03,559 --> 00:10:06,799

grandmother was the most devout Catholic

219

00:10:05,208 --> 00:10:09,289

you'd ever meet my grandfather not so

220

00:10:06,799 --> 00:10:11,269

much but it was a safer school than

221

00:10:09,289 --> 00:10:13,159

where i was going to in public school so

222

00:10:11,269 --> 00:10:15,320

i went there for eight years and i

223

00:10:13,159 --> 00:10:19,278

actually i think my first dip into

224

00:10:15,320 --> 00:10:21,829

skepticism was by actually a nun who

225

00:10:19,278 --> 00:10:23,600

taught me in fifth grade we had religion

226

00:10:21,828 --> 00:10:25,009

class just like other classes so if

227

00:10:23,600 --> 00:10:26,899

there's history there's religion there

228

00:10:25,009 --> 00:10:29,149

was this there is that you know math and

229
00:10:26,899 --> 00:10:30,649
she and i would get in these really deep

230
00:10:29,149 --> 00:10:32,089
conversations with the other fifth

231
00:10:30,649 --> 00:10:34,370
graders kind of sitting there

232
00:10:32,089 --> 00:10:36,820
slack-jawed and i remember discussing

233
00:10:34,370 --> 00:10:39,259
like well isn't there some like

234
00:10:36,820 --> 00:10:41,480
scientific reasons for some things like

235
00:10:39,259 --> 00:10:42,960
the Red Sea parting of such and she said

236
00:10:41,480 --> 00:10:45,600
well yeah that was very good Aaron

237
00:10:42,960 --> 00:10:47,190
we talk about possibilities of you know

238
00:10:45,600 --> 00:10:48,840
earthquakes or whatever causing things

239
00:10:47,190 --> 00:10:50,940
like this is and then she was very well

240
00:10:48,840 --> 00:10:54,240
educated before the great men shortage I

241
00:10:50,940 --> 00:10:55,410
guess I'm from what I hear and so we get

242
00:10:54,240 --> 00:10:58,440
in these deep conversations all the time

243
00:10:55,409 --> 00:10:59,879
and she talked about some type of a

244
00:10:58,440 --> 00:11:01,110
cactus or something that grows in the

245
00:10:59,879 --> 00:11:02,700
desert that could be considered the

246
00:11:01,110 --> 00:11:04,560
unleavened bread that comes up out of

247
00:11:02,700 --> 00:11:07,110
nowhere and I haven't been able to

248
00:11:04,559 --> 00:11:09,629
verify that sense but it nonetheless it

249
00:11:07,110 --> 00:11:12,060
got my mind sparking that maybe they're

250
00:11:09,629 --> 00:11:13,980
just stories in the Bible and and not

251
00:11:12,059 --> 00:11:16,439
just history and so of course as I went

252
00:11:13,980 --> 00:11:18,570
on and on my education I started to

253
00:11:16,440 --> 00:11:20,700
learn more and more that there were

254
00:11:18,570 --> 00:11:22,379
answers for things that I didn't think

255
00:11:20,700 --> 00:11:24,810
there were answers for I remember some

256
00:11:22,379 --> 00:11:27,809
we're hearing that when a person dies

257

00:11:24,809 --> 00:11:29,909
that or is about to die the reason they

258
00:11:27,809 --> 00:11:31,769
see the tunnel is something like the

259
00:11:29,909 --> 00:11:33,389
optic nerve dying or something that sort

260
00:11:31,769 --> 00:11:36,029
and little bits and pieces like that

261
00:11:33,389 --> 00:11:38,370
clung to me and I start seeing that huh

262
00:11:36,029 --> 00:11:40,279
less that's not a lot of these things

263
00:11:38,370 --> 00:11:42,990
that were in the Bible actually have a

264
00:11:40,279 --> 00:11:46,769
legitimate reason behind it not

265
00:11:42,990 --> 00:11:48,269
something magical or mystical and I also

266
00:11:46,769 --> 00:11:51,419
remember something hit me really hard

267
00:11:48,269 --> 00:11:53,610
was I remember seeing a picture of a

268
00:11:51,419 --> 00:11:55,110
monk immolating himself oh that's a very

269
00:11:53,610 --> 00:11:57,269
famous picture I think that's all six do

270
00:11:55,110 --> 00:12:00,450
something yeah and it is even a cover of

271
00:11:57,269 --> 00:12:02,159

a a band's album rage against the

272

00:12:00,450 --> 00:12:04,410

machine has that undercover and I

273

00:12:02,159 --> 00:12:05,850

remember thinking myself now this guy

274

00:12:04,409 --> 00:12:08,610

believes in a different religion that I

275

00:12:05,850 --> 00:12:10,290

do and he believes so firmly what he's

276

00:12:08,610 --> 00:12:12,570

doing that he's willing to burn himself

277

00:12:10,289 --> 00:12:14,669

to death I am certainly not going to

278

00:12:12,570 --> 00:12:17,220

burn myself to death for anything that I

279

00:12:14,669 --> 00:12:19,379

believe in at this point so we can't

280

00:12:17,220 --> 00:12:22,649

both be right right the Bible can't be

281

00:12:19,379 --> 00:12:24,090

right and he can't be right also and yet

282

00:12:22,649 --> 00:12:28,169

his beliefs are much stronger than

283

00:12:24,090 --> 00:12:30,090

anybody I know in my church and so there

284

00:12:28,169 --> 00:12:31,589

was a questioning of the of the church

285

00:12:30,090 --> 00:12:34,290

happening at the same time as learning

286

00:12:31,590 --> 00:12:36,629

that there was more more to what's

287

00:12:34,289 --> 00:12:39,599

happening that we could answer with

288

00:12:36,629 --> 00:12:42,539

science and so you know as I learned

289

00:12:39,600 --> 00:12:43,950

more and more I didn't realize as

290

00:12:42,539 --> 00:12:46,649

becoming a skeptic actually didn't you

291

00:12:43,950 --> 00:12:48,000

know the term as applied nowadays until

292

00:12:46,649 --> 00:12:49,490

I started listening to the skeptics

293

00:12:48,000 --> 00:12:52,549

guide to the galaxy

294

00:12:49,490 --> 00:12:54,409

well holy cow I'm a skeptic I skeptics

295

00:12:52,549 --> 00:12:57,588

guide to the universe yeah let me expand

296

00:12:54,409 --> 00:13:00,350

it yeah I've explained it to the galaxy

297

00:12:57,589 --> 00:13:02,390

I used to be skipping scribed to the

298

00:13:00,350 --> 00:13:05,000

planet and maybe even you can tell my my

299

00:13:02,389 --> 00:13:07,250

childhood reading there too right as I

300
00:13:05,000 --> 00:13:09,559
read this you know Hitchhiker's Guide

301
00:13:07,250 --> 00:13:11,720
the Cherokees go I'd use oh yeah I find

302
00:13:09,559 --> 00:13:14,449
it funny that also so many skeptics are

303
00:13:11,720 --> 00:13:17,149
into things like doctor who and how

304
00:13:14,450 --> 00:13:18,980
nobody plans this what it must just be

305
00:13:17,149 --> 00:13:21,500
something in the curious brain that gets

306
00:13:18,980 --> 00:13:23,720
there I love it oh yeah yeah what I gave

307
00:13:21,500 --> 00:13:25,339
it took some years ago general token

308
00:13:23,720 --> 00:13:29,420
skepticism I put up as some of my

309
00:13:25,339 --> 00:13:34,370
influences Carl Sagan and Tom Baker mmm

310
00:13:29,419 --> 00:13:36,919
yeah I was 13 14 15 16 whatever when

311
00:13:34,370 --> 00:13:38,870
windows old doctor who's would be glad

312
00:13:36,919 --> 00:13:41,299
that I remember seen em team did loved

313
00:13:38,870 --> 00:13:44,269
it you know and he here he was for the

314

00:13:41,299 --> 00:13:45,889
most part using science and and he was a

315
00:13:44,269 --> 00:13:47,870
hero of course so he was always the

316
00:13:45,889 --> 00:13:49,370
winner well yet the they have the

317
00:13:47,870 --> 00:13:50,720
advantage in the show there can be

318
00:13:49,370 --> 00:13:52,459
science in the show that we don't

319
00:13:50,720 --> 00:13:54,320
understand yet well that's because it's

320
00:13:52,458 --> 00:13:56,359
science fiction but that was never good

321
00:13:54,320 --> 00:13:58,010
there was mrs. yeah so this thing's

322
00:13:56,360 --> 00:14:00,019
woven in but you know that that's poetic

323
00:13:58,009 --> 00:14:01,879
license that's fine the shows not meant

324
00:14:00,019 --> 00:14:05,539
to be a scientific documentary other

325
00:14:01,879 --> 00:14:07,338
science fiction but i'm sure it inspired

326
00:14:05,539 --> 00:14:09,078
a lot of people i mean like star trek in

327
00:14:07,339 --> 00:14:10,880
spider yeah its famous is going to bring

328
00:14:09,078 --> 00:14:13,699

up to a star trek really influenced me I

329

00:14:10,879 --> 00:14:16,549

like in Star Trek that you can pose

330

00:14:13,700 --> 00:14:19,009

moral dilemmas that you can't do in real

331

00:14:16,549 --> 00:14:20,689

life no but particularly in star trek

332

00:14:19,009 --> 00:14:23,360

the next generations the way they dealt

333

00:14:20,690 --> 00:14:24,980

with some of the Borg issues and the

334

00:14:23,360 --> 00:14:27,169

humanity of them even though they're

335

00:14:24,980 --> 00:14:29,629

part of a collective and yeah it was

336

00:14:27,169 --> 00:14:32,778

very powerful to me I don't know why but

337

00:14:29,629 --> 00:14:34,789

for something the the ones with the

338

00:14:32,778 --> 00:14:36,528

board Hugh that they view yeah I

339

00:14:34,789 --> 00:14:38,419

remember those episodes really hit me

340

00:14:36,528 --> 00:14:40,370

you know i was like wow here's a dilemma

341

00:14:38,419 --> 00:14:43,069

that maybe someday in the future could

342

00:14:40,370 --> 00:14:44,629

possibly be but you can only address it

343
00:14:43,070 --> 00:14:47,690
in there and then you can have the

344
00:14:44,629 --> 00:14:49,189
things like like where they call dude or

345
00:14:47,690 --> 00:14:51,950
something like that doctor who doctor

346
00:14:49,190 --> 00:14:53,350
who were there don't be rude tiendalli

347
00:14:51,950 --> 00:14:55,459
they've been

348
00:14:53,350 --> 00:14:58,610
genetically engineered as a slave race

349
00:14:55,458 --> 00:15:00,500
and that this could be a real legitimate

350
00:14:58,610 --> 00:15:03,019
possibility sometime but the only way we

351
00:15:00,500 --> 00:15:05,089
can explore these ideas and in science

352
00:15:03,019 --> 00:15:07,818
fiction so maybe that's why so many

353
00:15:05,089 --> 00:15:08,990
people in the set skepticism gravitate

354
00:15:07,818 --> 00:15:10,519
towards science fiction because there's

355
00:15:08,990 --> 00:15:12,560
these ideas you can only deal with in

356
00:15:10,519 --> 00:15:14,149
that realm some probably so we're in the

357
00:15:12,559 --> 00:15:15,859
last few years of the last ten years of

358
00:15:14,149 --> 00:15:19,610
course harry potter type mysticism and

359
00:15:15,860 --> 00:15:22,579
magic is it has been very evident and

360
00:15:19,610 --> 00:15:24,919
you know that's okay i mean somebody a

361
00:15:22,578 --> 00:15:27,469
very famous skeptic came up to me at a

362
00:15:24,919 --> 00:15:32,149
conference not so long ago and had a

363
00:15:27,470 --> 00:15:34,100
chat to me and he was a very unhappy

364
00:15:32,149 --> 00:15:35,269
about harry potter and he said what do

365
00:15:34,100 --> 00:15:36,980
you think about this harry potter is

366
00:15:35,269 --> 00:15:40,339
teaching these kids and I said I thought

367
00:15:36,980 --> 00:15:43,370
himself well you know it's Shakespeare's

368
00:15:40,339 --> 00:15:46,310
full of magic and mysticism and I said

369
00:15:43,370 --> 00:15:48,289
what if the kids know it's a story then

370
00:15:46,309 --> 00:15:50,179
it's just a great story i could sit down

371

00:15:48,289 --> 00:15:51,708
tomorrow and write a story about wizards

372
00:15:50,179 --> 00:15:53,688
and magic and things that don't happen

373
00:15:51,708 --> 00:15:57,528
but that's just using my imagination I'm

374
00:15:53,688 --> 00:15:59,778
not once at any time saying it's real so

375
00:15:57,528 --> 00:16:01,490
I was always a little bit I don't know

376
00:15:59,778 --> 00:16:03,679
what to think about that yeah it's art

377
00:16:01,490 --> 00:16:05,750
well i think the harry potter is so

378
00:16:03,679 --> 00:16:09,500
fantastic that there's no way you're

379
00:16:05,750 --> 00:16:12,169
going to buy into the belief i myself i

380
00:16:09,500 --> 00:16:14,028
do like the Harry Potter movies I have a

381
00:16:12,169 --> 00:16:16,458
hard time at the books primarily because

382
00:16:14,028 --> 00:16:17,629
I was an Ursa little Gwynn fan the earth

383
00:16:16,458 --> 00:16:19,518
see trilogy I don't know if you read

384
00:16:17,629 --> 00:16:20,930
that i know i have not known but i'm

385
00:16:19,519 --> 00:16:22,938

sure some of that listeners happening

386

00:16:20,929 --> 00:16:24,349

i'm sure they dyking know I had a really

387

00:16:22,938 --> 00:16:27,110

hard time reading the first Harry Potter

388

00:16:24,350 --> 00:16:31,519

but because it seemed like so much of it

389

00:16:27,110 --> 00:16:34,730

came from mercy so I was like oh but am

390

00:16:31,519 --> 00:16:36,438

I to my favorites science fiction

391

00:16:34,730 --> 00:16:38,449

writers not science fiction writers are

392

00:16:36,438 --> 00:16:42,259

Tolkien and Ursula Le Guin okay what I

393

00:16:38,448 --> 00:16:43,878

like about them is they're very very

394

00:16:42,259 --> 00:16:45,889

good about laying a foundation of a

395

00:16:43,879 --> 00:16:48,550

world they make no claim about it being

396

00:16:45,889 --> 00:16:50,629

our real world but they're very they're

397

00:16:48,549 --> 00:16:54,828

consistent within their own world yeah

398

00:16:50,629 --> 00:16:57,600

and Harry Potter's not so you know I had

399

00:16:54,828 --> 00:16:59,789

a hard time with Harry partisan well

400
00:16:57,600 --> 00:17:01,319
you got the got the Phoenix here you got

401
00:16:59,789 --> 00:17:04,500
this there it's like where's where's the

402
00:17:01,318 --> 00:17:06,418
consistency of no I'll have powers are

403
00:17:04,500 --> 00:17:08,369
ever so it's Voldemort made a different

404
00:17:06,419 --> 00:17:09,929
you so yeah yeah just messin function

405
00:17:08,369 --> 00:17:11,159
and another famous skeptic I won't

406
00:17:09,929 --> 00:17:13,860
mention the name and another famous

407
00:17:11,160 --> 00:17:17,519
skeptic I know went to see Lord of the

408
00:17:13,859 --> 00:17:19,379
Rings the first movie and about 40

409
00:17:17,519 --> 00:17:21,599
minutes in walked out because it

410
00:17:19,380 --> 00:17:24,120
couldn't take it anymore though the way

411
00:17:21,599 --> 00:17:26,369
they altered the story no no he couldn't

412
00:17:24,119 --> 00:17:28,889
understand it because you know he was

413
00:17:26,369 --> 00:17:30,689
too steeped in physics I guess reality

414
00:17:28,890 --> 00:17:32,909
and suddenly these things were crazy

415
00:17:30,690 --> 00:17:34,558
things are happening is I me all right I

416
00:17:32,909 --> 00:17:36,750
can understand that but when I go to see

417
00:17:34,558 --> 00:17:39,178
a movie like that my brain is checked

418
00:17:36,750 --> 00:17:40,919
door and I get my pie me in the world of

419
00:17:39,179 --> 00:17:42,780
talk and I'm not in our room exact when

420
00:17:40,919 --> 00:17:44,460
I go outside and that's now avatar on

421
00:17:42,779 --> 00:17:46,500
the other hand I couldn't handle that

422
00:17:44,460 --> 00:17:48,360
like somebody has got to explain me how

423
00:17:46,500 --> 00:17:50,460
those mountains are floating you can't

424
00:17:48,359 --> 00:17:52,048
do that I can't just have those things

425
00:17:50,460 --> 00:17:53,909
happening and not explain how it's

426
00:17:52,048 --> 00:17:55,408
happening come up with something i don't

427
00:17:53,909 --> 00:17:57,030
care if it's wrong or fake or whatever

428

00:17:55,409 --> 00:17:58,470
but at least try to explain it I go

429
00:17:57,029 --> 00:17:59,819
there's mountains as floating these

430
00:17:58,470 --> 00:18:01,288
mountains living I'll just hear their

431
00:17:59,819 --> 00:18:03,029
balance between the gravity of the

432
00:18:01,288 --> 00:18:05,460
planet and they're connected by roots of

433
00:18:03,029 --> 00:18:08,190
something and what it is but three I

434
00:18:05,460 --> 00:18:10,048
could handle it I i I'd bite it was like

435
00:18:08,190 --> 00:18:12,120
going to i'm watching a live action

436
00:18:10,048 --> 00:18:14,339
version of fern gully I don't know if

437
00:18:12,119 --> 00:18:17,519
you attack yeah it was very much like

438
00:18:14,339 --> 00:18:19,048
fern gully huh I right or I enjoyed

439
00:18:17,519 --> 00:18:21,599
avatar to an extent but you know I

440
00:18:19,048 --> 00:18:24,359
thought ultimately the plot was a bit

441
00:18:21,599 --> 00:18:27,599
man I couldn't handle the dialogue and

442
00:18:24,359 --> 00:18:30,689

the you know like I see evil humans and

443

00:18:27,599 --> 00:18:33,418

the good yeah license down than the the

444

00:18:30,690 --> 00:18:35,190

cowboy bad guy and it's just there's too

445

00:18:33,419 --> 00:18:37,049

much I couldn't handle it we seem to be

446

00:18:35,190 --> 00:18:39,029

going off drifting off that sorry tange

447

00:18:37,048 --> 00:18:41,069

Indian oh that's quite all right let's

448

00:18:39,029 --> 00:18:45,418

look let's get grounded back to reality

449

00:18:41,069 --> 00:18:47,369

someone now you have a visitor club as a

450

00:18:45,419 --> 00:18:50,580

program what do you do skeptic they have

451

00:18:47,369 --> 00:18:53,308

a clever and um I don't think that they

452

00:18:50,579 --> 00:18:55,558

would label it as a skeptic club they

453

00:18:53,308 --> 00:18:58,889

just call it's called pure logic so the

454

00:18:55,558 --> 00:19:00,990

idea is that most of the time when kids

455

00:18:58,890 --> 00:19:02,159

are talking with each other they're not

456

00:19:00,990 --> 00:19:03,410

really engaged in very deep

457
00:19:02,159 --> 00:19:05,210
conversations

458
00:19:03,410 --> 00:19:07,160
you know and there are kids who want to

459
00:19:05,210 --> 00:19:09,350
be engaged in a really deep conversation

460
00:19:07,160 --> 00:19:11,090
they want a safe place to do that so a

461
00:19:09,349 --> 00:19:13,549
couple years ago students started the

462
00:19:11,089 --> 00:19:15,500
pure logic club and they're all very

463
00:19:13,549 --> 00:19:17,119
most of our very intelligent kids that

464
00:19:15,500 --> 00:19:18,920
are getting good grades and you know

465
00:19:17,119 --> 00:19:20,569
some of them not so much but they all

466
00:19:18,920 --> 00:19:23,810
really like to get in discussions and

467
00:19:20,569 --> 00:19:25,490
really talk and so I you know one of

468
00:19:23,809 --> 00:19:26,779
them came to me is hey can I start this

469
00:19:25,490 --> 00:19:28,519
club here another teacher said that

470
00:19:26,779 --> 00:19:31,220
you'd probably be hip on this nice yeah

471
00:19:28,519 --> 00:19:33,829
this is great so as they've been going

472
00:19:31,220 --> 00:19:36,200
I've been kind of guiding them a little

473
00:19:33,829 --> 00:19:38,419
bit more towards a more skeptical point

474
00:19:36,200 --> 00:19:40,730
of view of things and and trying to keep

475
00:19:38,420 --> 00:19:43,400
their conversations when they bring up a

476
00:19:40,730 --> 00:19:45,559
topic a little more grounded because

477
00:19:43,400 --> 00:19:47,720
sometimes they buying a lot of them

478
00:19:45,559 --> 00:19:49,669
buying as conspiracy theory and things

479
00:19:47,720 --> 00:19:53,329
of that sort so I tried I try to guide

480
00:19:49,670 --> 00:19:55,519
them and this year I I've tried to be

481
00:19:53,329 --> 00:19:57,829
even more structure give them some ideas

482
00:19:55,519 --> 00:19:59,750
you know like well maybe somebody should

483
00:19:57,829 --> 00:20:02,210
go research homeopathy we had a kid who

484
00:19:59,750 --> 00:20:04,579
researched cryptozoology and just you

485

00:20:02,210 --> 00:20:06,500
know so giving them a bunch of topics so

486
00:20:04,579 --> 00:20:08,569
that they have some guidance that first

487
00:20:06,500 --> 00:20:10,309
the person who originated he had

488
00:20:08,569 --> 00:20:11,839
guidance of his own he had ideas he

489
00:20:10,309 --> 00:20:14,149
wanted to talk about and he wanted a

490
00:20:11,839 --> 00:20:16,429
place to talk to a talk about it and so

491
00:20:14,150 --> 00:20:18,980
that was his club but he's gone now he's

492
00:20:16,430 --> 00:20:20,420
graduated so now the club needed some

493
00:20:18,980 --> 00:20:22,099
guidance so I've stepped in a little bit

494
00:20:20,420 --> 00:20:24,230
more I guess was the name of my view on

495
00:20:22,099 --> 00:20:27,109
Logic it's quite open yeah that's the

496
00:20:24,230 --> 00:20:30,019
whole idea is that any topic is is open

497
00:20:27,109 --> 00:20:33,859
for discussion hmm religion politics

498
00:20:30,019 --> 00:20:35,750
science paranormal anything that the

499
00:20:33,859 --> 00:20:37,939

kids are interested in and want to

500

00:20:35,750 --> 00:20:39,920

really talk about and otherwise don't

501

00:20:37,940 --> 00:20:41,480

have a place to talk about it no and you

502

00:20:39,920 --> 00:20:43,670

sound leakage from one of the class

503

00:20:41,480 --> 00:20:45,380

we're surrounded by all these doors I

504

00:20:43,670 --> 00:20:47,090

look around this door over there there's

505

00:20:45,380 --> 00:20:48,530

the door down their door back here and

506

00:20:47,089 --> 00:20:50,539

they're all got students behind another

507

00:20:48,529 --> 00:20:53,149

yeah I was yeah for some of them and

508

00:20:50,539 --> 00:20:54,700

your room is immediately to our left

509

00:20:53,150 --> 00:20:57,310

that I think

510

00:20:54,700 --> 00:21:01,450

you hear the video inert murmurings from

511

00:20:57,309 --> 00:21:03,940

yuck so that's great that I like I do

512

00:21:01,450 --> 00:21:06,190

like that name I mean one of the

513

00:21:03,940 --> 00:21:08,350

problems with the modern skepticism is

514
00:21:06,190 --> 00:21:11,549
the name is the word skipping it is

515
00:21:08,349 --> 00:21:15,399
applied images forever misused or

516
00:21:11,549 --> 00:21:16,960
misunderstood we have the global warming

517
00:21:15,400 --> 00:21:19,780
skeptics we've got the moon landing

518
00:21:16,960 --> 00:21:22,090
skeptics one of the the more silly

519
00:21:19,779 --> 00:21:23,889
arguments put against me is our you

520
00:21:22,089 --> 00:21:28,449
skeptics are so silly you once believed

521
00:21:23,890 --> 00:21:31,180
the world was flat Jade welcome hey what

522
00:21:28,450 --> 00:21:33,309
and that that's that's a great sound

523
00:21:31,180 --> 00:21:36,850
bite by the way because it's really hard

524
00:21:33,309 --> 00:21:39,690
to counter quickly it's very easy to say

525
00:21:36,849 --> 00:21:42,099
you could say it about anybody you know

526
00:21:39,690 --> 00:21:43,210
you believe is it so stupid you thought

527
00:21:42,099 --> 00:21:45,159
the world was flat but what do you mean

528
00:21:43,210 --> 00:21:46,809
you owe you skeptics it you see what I

529
00:21:45,160 --> 00:21:48,100
mean yeah it's one of the problems that

530
00:21:46,809 --> 00:21:50,289
we face all the time but you have to go

531
00:21:48,099 --> 00:21:52,929
back in time you know several hundred

532
00:21:50,289 --> 00:21:54,309
year depending on which you know which

533
00:21:52,930 --> 00:21:57,240
realm of science are talking about that

534
00:21:54,309 --> 00:22:00,639
people have known since the time of what

535
00:21:57,240 --> 00:22:01,990
where the Greeks are you yeah yeah that

536
00:22:00,640 --> 00:22:04,570
there were some people knew the earth

537
00:22:01,990 --> 00:22:06,940
was round but yes oh yeah how do you

538
00:22:04,569 --> 00:22:09,009
yeah you are you cannot counter that

539
00:22:06,940 --> 00:22:10,390
especially if it's done in a live

540
00:22:09,009 --> 00:22:11,950
situation around the media or something

541
00:22:10,390 --> 00:22:14,020
you can't you can't counter a question

542

00:22:11,950 --> 00:22:15,490
like that very quickly one it's it's a

543
00:22:14,019 --> 00:22:17,559
fundamentally flawed question it's a

544
00:22:15,490 --> 00:22:19,180
nonsense question and it's silly to and

545
00:22:17,559 --> 00:22:20,470
then you said well who do you mean the

546
00:22:19,180 --> 00:22:22,570
skeptics what are you talking about in

547
00:22:20,470 --> 00:22:25,089
modern skepticism so why me my friends

548
00:22:22,569 --> 00:22:27,700
by the time you've got even started to

549
00:22:25,089 --> 00:22:30,009
do all that if you've lost it you've

550
00:22:27,700 --> 00:22:32,140
lost that the thing so it's interesting

551
00:22:30,009 --> 00:22:33,730
how that those sort of things can be

552
00:22:32,140 --> 00:22:36,310
used against it but your skeptic is a

553
00:22:33,730 --> 00:22:41,349
problematic word so I guess pure logic

554
00:22:36,309 --> 00:22:43,569
is so well vague and away isn't it yeah

555
00:22:41,349 --> 00:22:48,339
I mean you got the word logic in there

556
00:22:43,569 --> 00:22:49,960

and what's pure me oh you do computer

557

00:22:48,339 --> 00:22:52,119

science club or you know something like

558

00:22:49,960 --> 00:22:54,549

that but it seems to work out i mean the

559

00:22:52,119 --> 00:22:56,649

club has been growing it's our regular

560

00:22:54,549 --> 00:22:58,509

membership continues to improve but

561

00:22:56,650 --> 00:23:01,120

sometimes we have upwards of 20 or so

562

00:22:58,509 --> 00:23:03,619

students in there on bad days even now

563

00:23:01,119 --> 00:23:06,379

it's at least 10 we'd meet twice a week

564

00:23:03,619 --> 00:23:07,789

we have fairly short lunches just over a

565

00:23:06,380 --> 00:23:10,490

half an hour so you can't get a whole

566

00:23:07,789 --> 00:23:13,819

lot done Wow a musician luxury and they

567

00:23:10,490 --> 00:23:15,620

chose lunch because after school most of

568

00:23:13,819 --> 00:23:17,599

kids who are coming to the club they're

569

00:23:15,619 --> 00:23:19,459

involved kids they do things are doing

570

00:23:17,599 --> 00:23:20,959

sports or doing band they're doing other

571
00:23:19,460 --> 00:23:23,210
stuff so the only time they could meet

572
00:23:20,960 --> 00:23:24,740
was during school so you know they cited

573
00:23:23,210 --> 00:23:27,049
to breaking into twice a week and

574
00:23:24,740 --> 00:23:29,289
sometimes a topic will take a couple of

575
00:23:27,049 --> 00:23:32,690
different sessions yeah well I was very

576
00:23:29,289 --> 00:23:34,639
very grateful last time I came here and

577
00:23:32,690 --> 00:23:36,558
spoke to some of your classes and then I

578
00:23:34,640 --> 00:23:38,809
did the presentation in the library a

579
00:23:36,558 --> 00:23:40,399
little later on you sent me a big

580
00:23:38,808 --> 00:23:42,859
envelope full of letters from students

581
00:23:40,400 --> 00:23:44,600
and that was so touching to think that

582
00:23:42,859 --> 00:23:48,199
they took the time to thank me for

583
00:23:44,599 --> 00:23:49,490
coming and I'm so pleased to know some

584
00:23:48,200 --> 00:23:51,679
of them got something out of what i was

585
00:23:49,490 --> 00:23:54,200
talking is it had a big impact on some

586
00:23:51,679 --> 00:23:56,150
of my students who to this day talk

587
00:23:54,200 --> 00:23:59,779
about an in fact the president of our

588
00:23:56,150 --> 00:24:01,400
skeptics club shiloh he was what student

589
00:23:59,779 --> 00:24:03,558
who you'd been impressed with in the

590
00:24:01,400 --> 00:24:05,030
questions yet questions and he you know

591
00:24:03,558 --> 00:24:06,500
he is a Catholic kid to which is

592
00:24:05,029 --> 00:24:07,940
interesting he's very devout Catholic

593
00:24:06,500 --> 00:24:09,500
the two leaders of the club one's a very

594
00:24:07,940 --> 00:24:12,350
devout Catholic what is a very devout

595
00:24:09,500 --> 00:24:15,710
Mormon sort of like that people running

596
00:24:12,349 --> 00:24:19,519
for office on good heavens mmm yeah but

597
00:24:15,710 --> 00:24:22,579
yeah it really it really helped him you

598
00:24:19,519 --> 00:24:25,250
know yeah he was able to start thinking

599

00:24:22,579 --> 00:24:28,189
about the way he views the world and he

600
00:24:25,250 --> 00:24:31,009
still loves his faith but he's starting

601
00:24:28,190 --> 00:24:33,080
to recognize that there's a lot that you

602
00:24:31,009 --> 00:24:34,549
can learn from science that you can't

603
00:24:33,079 --> 00:24:36,519
learn another room so it's good to know

604
00:24:34,549 --> 00:24:39,740
there's a good kid i really like i enjoy

605
00:24:36,519 --> 00:24:42,139
talking about another thing remembers

606
00:24:39,740 --> 00:24:43,819
after I did my token the librarian part

607
00:24:42,140 --> 00:24:46,429
of the talk I'm I'll do again today is

608
00:24:43,819 --> 00:24:47,899
the whole power balance thing I I do all

609
00:24:46,429 --> 00:24:49,850
the tests you'll see those around now

610
00:24:47,900 --> 00:24:51,610
whatever asked him yeah that's just fake

611
00:24:49,849 --> 00:24:53,869
but I like the way it looks yeah exactly

612
00:24:51,609 --> 00:24:55,399
but when I left and I was walking out

613
00:24:53,869 --> 00:24:57,649

with you there's all these students who

614

00:24:55,400 --> 00:25:00,290

have to be four oh yeah i went ahead i

615

00:24:57,650 --> 00:25:02,240

won four or five with me and i ended up

616

00:25:00,289 --> 00:25:03,799

giving most of them well i have one left

617

00:25:02,240 --> 00:25:05,150

which is on my wrist at the moment which

618

00:25:03,799 --> 00:25:05,730

I'll use today and I might give that

619

00:25:05,150 --> 00:25:07,410

away

620

00:25:05,730 --> 00:25:09,120

for that they didn't care didn't work

621

00:25:07,410 --> 00:25:12,600

they just one of the way it was it will

622

00:25:09,119 --> 00:25:15,629

snow it'll be one of the things that

623

00:25:12,599 --> 00:25:17,459

when you look back and use time and you

624

00:25:15,630 --> 00:25:21,090

think oh I remember power balances

625

00:25:17,460 --> 00:25:23,730

wasn't what was there around the 2010

626

00:25:21,089 --> 00:25:26,009

2012 like a tie with keyboard on it from

627

00:25:23,730 --> 00:25:27,539

the 80s you know yeah exactly all these

628
00:25:26,009 --> 00:25:29,190
things you remember from certain periods

629
00:25:27,539 --> 00:25:32,460
of history the nostalgia of power

630
00:25:29,190 --> 00:25:34,049
balance nostalgia bout between your

631
00:25:32,460 --> 00:25:36,299
anniversary power balance it's even

632
00:25:34,049 --> 00:25:38,549
twice as powerful they still have the

633
00:25:36,299 --> 00:25:41,159
power balance pavilion signs up by the

634
00:25:38,549 --> 00:25:43,169
way I thought that a change is still a

635
00:25:41,160 --> 00:25:45,690
bit dry by still says power balance

636
00:25:43,170 --> 00:25:48,840
really I know I well I will change

637
00:25:45,690 --> 00:25:51,570
because their power balance of course in

638
00:25:48,839 --> 00:25:52,889
ruins but I did hear that they're

639
00:25:51,569 --> 00:25:57,359
changing the name of that which is a

640
00:25:52,890 --> 00:25:59,040
good thing yeah I I hope so as I

641
00:25:57,359 --> 00:26:00,990
remember I took some photographs of my

642
00:25:59,039 --> 00:26:02,700
you know placebo ban right in front of

643
00:26:00,990 --> 00:26:06,269
my didn't funny but I did see those Noah

644
00:26:02,700 --> 00:26:07,620
fantasy couldn't help myself yeah well

645
00:26:06,269 --> 00:26:09,420
it can't be too long now before the next

646
00:26:07,619 --> 00:26:12,389
period as I look up at the clock

647
00:26:09,420 --> 00:26:13,950
yesterday so we should um I should

648
00:26:12,390 --> 00:26:15,210
finish my coffee and get my notes

649
00:26:13,950 --> 00:26:16,980
together I don't have any notes I'll

650
00:26:15,210 --> 00:26:18,569
just wing it I'll just wing before to

651
00:26:16,980 --> 00:26:21,390
get them having a hard time not laughing

652
00:26:18,569 --> 00:26:23,759
as I looked a little robotic I'll

653
00:26:21,390 --> 00:26:26,700
broccoli afro yes just like a little

654
00:26:23,759 --> 00:26:28,619
afro and is that funny machine just

655
00:26:26,700 --> 00:26:30,450
kicks over there and into the distance

656

00:26:28,619 --> 00:26:33,389
what is the frigerators I believe that's

657
00:26:30,450 --> 00:26:35,309
the frigerator yet that's allowed fridge

658
00:26:33,390 --> 00:26:37,830
while it's an industrial fridge and you

659
00:26:35,309 --> 00:26:39,819
know it's for science well if it's for

660
00:26:37,829 --> 00:26:43,480
science has quite a ride in

661
00:26:39,819 --> 00:26:45,339
we shall wind it up here so Erin Kelley

662
00:26:43,480 --> 00:26:47,140
Stephens thanked me once again and I

663
00:26:45,339 --> 00:26:50,189
look forward to the next few hours oh

664
00:26:47,140 --> 00:26:50,190
yes it's gonna be a lot of fun

665
00:26:51,759 --> 00:26:59,329
wow I've just had a wonderful time here

666
00:26:54,048 --> 00:27:02,269
at will see would go Wildcats run high

667
00:26:59,329 --> 00:27:04,158
school here in vacaville which is not

668
00:27:02,269 --> 00:27:05,900
too far from San Francisco I mean for

669
00:27:04,159 --> 00:27:08,690
our international listen as I guess and

670
00:27:05,900 --> 00:27:10,220

I've just did a presentation here in the

671

00:27:08,690 --> 00:27:13,190

library and I still have some students

672

00:27:10,220 --> 00:27:16,009

are there so keen folks I can't tell you

673

00:27:13,190 --> 00:27:19,429

these hello what's your name and colon

674

00:27:16,009 --> 00:27:22,089

Davidson and Donovan coma Quentin

675

00:27:19,429 --> 00:27:27,649

Strickland Spencer Holly Michael Potter

676

00:27:22,089 --> 00:27:29,269

jolla naranja and you diego yalla and

677

00:27:27,648 --> 00:27:31,189

they're all here and some other people

678

00:27:29,269 --> 00:27:32,418

who had to leave because it's it's over

679

00:27:31,190 --> 00:27:36,288

i did some of the mystery investigators

680

00:27:32,419 --> 00:27:38,750

and I guess you're all hopefully as I am

681

00:27:36,288 --> 00:27:43,819

all interested in science and mysteries

682

00:27:38,750 --> 00:27:44,929

would that be a fair call sure what but

683

00:27:43,819 --> 00:27:47,418

what do you find particularly

684

00:27:44,929 --> 00:27:50,509

interesting what one mistrials aspect of

685
00:27:47,419 --> 00:27:54,470
science just how i can boggle the mind I

686
00:27:50,509 --> 00:27:56,929
guess yeah I can track you you mind can

687
00:27:54,470 --> 00:27:59,600
trick you yeah can absolutely trick you

688
00:27:56,929 --> 00:28:01,460
and what about yourself I views and

689
00:27:59,599 --> 00:28:02,839
you're wearing a placebo ban because you

690
00:28:01,460 --> 00:28:06,528
are helping me with the demonstration

691
00:28:02,839 --> 00:28:09,319
for the power balance um yeah it's it's

692
00:28:06,528 --> 00:28:14,329
how like people can trick you and your

693
00:28:09,319 --> 00:28:18,918
mind and how that can affect like how

694
00:28:14,329 --> 00:28:21,439
people think absolutely right now what I

695
00:28:18,919 --> 00:28:23,299
hope don't you saw with those optical

696
00:28:21,440 --> 00:28:28,009
illusions to is how your eyes can fool

697
00:28:23,298 --> 00:28:32,359
your brain and all the rest of it I like

698
00:28:28,009 --> 00:28:34,129
the face the faces the paradol Ian yes

699
00:28:32,359 --> 00:28:36,678
of course people can see faces with our

700
00:28:34,130 --> 00:28:38,360
owner faces and had you seen did you

701
00:28:36,679 --> 00:28:40,399
know about the power balance before had

702
00:28:38,359 --> 00:28:43,189
you heard about that one Oh mr. Stevens

703
00:28:40,398 --> 00:28:45,528
talked about it a little bit but so he

704
00:28:43,190 --> 00:28:48,710
kind of gave that away but before that

705
00:28:45,528 --> 00:28:50,119
no well I'm glad you do I'm glad I'm

706
00:28:48,710 --> 00:28:52,880
glad you're telling you students about

707
00:28:50,119 --> 00:28:54,648
that somebody has to right yeah somebody

708
00:28:52,880 --> 00:28:57,679
has to I'm very glad to hear about that

709
00:28:54,648 --> 00:29:00,508
and I are you all in Mississippi sports

710
00:28:57,679 --> 00:29:02,699
players yet so what do you

711
00:29:00,509 --> 00:29:04,409
to do I mean are you all sort of

712
00:29:02,699 --> 00:29:06,149
interested in science oh yeah we'll have

713

00:29:04,409 --> 00:29:08,339
other ideas of what you'd like to do

714
00:29:06,148 --> 00:29:10,408
after you graduate yeah I like science

715
00:29:08,338 --> 00:29:13,108
but I don't want to have a career in

716
00:29:10,409 --> 00:29:15,089
science really what do you think that's

717
00:29:13,108 --> 00:29:17,338
cool i mean you can Air Force Air Force

718
00:29:15,088 --> 00:29:18,628
well I bet you if you go to the Air

719
00:29:17,338 --> 00:29:21,658
Force you're going to be using science

720
00:29:18,628 --> 00:29:23,728
there of course so it's good together

721
00:29:21,659 --> 00:29:24,719
the more you know here the more it's

722
00:29:23,729 --> 00:29:27,769
going to help you get into the air force

723
00:29:24,719 --> 00:29:32,159
I think yes absolutely I couldn't agree

724
00:29:27,769 --> 00:29:33,959
it is I have so many ideas now oh I

725
00:29:32,159 --> 00:29:35,278
think I put ideas in it well you know

726
00:29:33,959 --> 00:29:37,649
the one I showed you about the power

727
00:29:35,278 --> 00:29:39,239

balance and the one you took part in and

728

00:29:37,648 --> 00:29:41,308

how you can press down on somebody Sam I

729

00:29:39,239 --> 00:29:43,379

meant what I said before the more people

730

00:29:41,308 --> 00:29:45,690

who know about the trick the better

731

00:29:43,378 --> 00:29:47,398

because then it takes away the trick

732

00:29:45,690 --> 00:29:49,949

from the people who are trying to take

733

00:29:47,398 --> 00:29:52,018

your money away so please show your

734

00:29:49,949 --> 00:29:53,369

friends show your friends but don't but

735

00:29:52,019 --> 00:29:54,989

don't then give them something and say

736

00:29:53,368 --> 00:30:00,148

if you buy this for thirty dollars you

737

00:29:54,989 --> 00:30:01,528

can no more as seen on TV stuff yeah but

738

00:30:00,148 --> 00:30:04,108

you'll probably will still see people

739

00:30:01,528 --> 00:30:05,699

doing that and it's tempting when you

740

00:30:04,108 --> 00:30:07,618

see it in the malls to go up and say

741

00:30:05,699 --> 00:30:09,899

you're wrong it doesn't work but yeah

742
00:30:07,618 --> 00:30:12,298
people often that can lead them to

743
00:30:09,898 --> 00:30:16,458
people getting very angry with you I've

744
00:30:12,298 --> 00:30:19,078
discovered which isn't a good thing yeah

745
00:30:16,459 --> 00:30:21,359
well look thank you everybody for coming

746
00:30:19,078 --> 00:30:23,038
along again it's really great to that

747
00:30:21,358 --> 00:30:24,689
you did come along to see my talk and I

748
00:30:23,038 --> 00:30:26,158
hope you found it interesting it was a

749
00:30:24,690 --> 00:30:28,078
lot there there was optical illusions

750
00:30:26,159 --> 00:30:30,569
and tricks with this power balance thing

751
00:30:28,078 --> 00:30:34,108
and we ended with with a video from Mars

752
00:30:30,568 --> 00:30:35,638
so thank you for having me back once

753
00:30:34,108 --> 00:30:37,048
again thank you for coming once again

754
00:30:35,638 --> 00:30:39,148
hopefully can do this again in the

755
00:30:37,048 --> 00:30:40,798
future I hope so it's been about two

756
00:30:39,148 --> 00:30:41,998
years and so is here before so maybe in

757
00:30:40,798 --> 00:30:44,128
a couple of years I'll come back and

758
00:30:41,999 --> 00:30:48,389
I'll talk to another group about next

759
00:30:44,128 --> 00:30:49,528
month you know as much as I'd like hey

760
00:30:48,388 --> 00:30:53,038
you want to pay for my airfare from

761
00:30:49,528 --> 00:30:56,098
Australia no well there that's that idea

762
00:30:53,038 --> 00:30:58,129
then so from will c wood high school in

763
00:30:56,098 --> 00:31:01,359
vacaville thank you everybody

764
00:30:58,130 --> 00:31:01,360
thank you grabbing us

765
00:31:09,910 --> 00:31:14,300
the hand side is a podcast of the

766
00:31:12,710 --> 00:31:17,450
monthly lecture drain back camera

767
00:31:14,299 --> 00:31:19,359
skeptics incorporating each month camera

768
00:31:17,450 --> 00:31:22,100
skeptics provides experts in their field

769
00:31:19,359 --> 00:31:24,589
ranging from science and philosophy to

770

00:31:22,099 --> 00:31:27,079
politics and national security with an

771
00:31:24,589 --> 00:31:31,779
opportunity to present their views you

772
00:31:27,079 --> 00:31:31,779
can find us at www.americanoutback.net

773
00:31:44,859 --> 00:31:52,319
here's may not spooky action at the

774
00:31:49,808 --> 00:31:52,319
distance

775
00:31:54,409 --> 00:32:04,259
please welcome Julianne Moore oh thanks

776
00:32:00,509 --> 00:32:07,558
very much Alan okay now our third shonky

777
00:32:04,259 --> 00:32:09,269
award goes to a range of homeopathic

778
00:32:07,558 --> 00:32:11,750
pills and basically it was game over

779
00:32:09,269 --> 00:32:13,769
when we said the word homeopathy here

780
00:32:11,750 --> 00:32:16,048
choice experts looked into these

781
00:32:13,769 --> 00:32:18,720
products some of the products include

782
00:32:16,048 --> 00:32:20,490
strychnine and arsenic if that worries

783
00:32:18,720 --> 00:32:22,528
you you don't need to be too worried

784
00:32:20,490 --> 00:32:24,750

because the level of dilution in

785

00:32:22,528 --> 00:32:27,179

accordance with homeopathy best practice

786

00:32:24,750 --> 00:32:31,128

for want of a better expression is one

787

00:32:27,179 --> 00:32:33,750

drop in 1,000 trillion or one drop in

788

00:32:31,128 --> 00:32:35,308

20,000 olympic-sized swimming pools

789

00:32:33,750 --> 00:32:36,869

which is roughly the same mix of

790

00:32:35,308 --> 00:32:40,079

detergent to water ratio is a samsung

791

00:32:36,869 --> 00:32:42,569

top loader on a bad day the harm or

792

00:32:40,079 --> 00:32:44,038

Xiang kiness doesn't come as much from

793

00:32:42,569 --> 00:32:47,220

the stuff itself but from the fact that

794

00:32:44,038 --> 00:32:50,278

it basically does nothing so Alfred

795

00:32:47,220 --> 00:32:53,159

shonky goes to nature's way kids smart

796

00:32:50,278 --> 00:32:54,480

range things are pretty good look I'm

797

00:32:53,159 --> 00:32:55,950

just gonna grab Julian who's come off

798

00:32:54,480 --> 00:32:58,500

stage look how did you find hosting with

799

00:32:55,950 --> 00:33:00,298
shonky Awards this year well I think I

800

00:32:58,500 --> 00:33:03,119
was the shonky as part of it but look

801

00:33:00,298 --> 00:33:04,769
it's it's a good cause I like a bit of

802

00:33:03,119 --> 00:33:06,058
naming and shaming well yeah and that

803

00:33:04,769 --> 00:33:07,019
goes on here normally you wouldn't want

804

00:33:06,058 --> 00:33:08,369
to do this because she could be worried

805

00:33:07,019 --> 00:33:09,929
about the touch of libel it's got to be

806

00:33:08,369 --> 00:33:11,038
done the careful way hasn't it that's

807

00:33:09,929 --> 00:33:12,840
right that's why Ingrid was on stage

808

00:33:11,038 --> 00:33:14,490
with me because I was kind of

809

00:33:12,839 --> 00:33:16,558
freestyling a bit of defamation and

810

00:33:14,490 --> 00:33:18,480
she's there to keep keep it on an even

811

00:33:16,558 --> 00:33:19,980
keel and make sure that we don't that we

812

00:33:18,480 --> 00:33:21,599
only get into the sort of trouble that

813
00:33:19,980 --> 00:33:23,128
the song is a designed to get you in if

814
00:33:21,599 --> 00:33:24,449
they can almost sunk the entire strand

815
00:33:23,128 --> 00:33:25,829
consumers association by claiming that

816
00:33:24,450 --> 00:33:27,690
Apple had given them free product

817
00:33:25,829 --> 00:33:28,769
everyone so John so that would have

818
00:33:27,690 --> 00:33:30,509
worked the whole the whole reputation

819
00:33:28,769 --> 00:33:32,579
was just a bit of a serving suggestion

820
00:33:30,509 --> 00:33:34,079
for next year's junkies no but they do

821
00:33:32,579 --> 00:33:35,579
they pay for everything which is very

822
00:33:34,079 --> 00:33:38,189
impressive

823
00:33:35,579 --> 00:33:40,470
and I must say I just couldn't watch as

824
00:33:38,190 --> 00:33:43,140
those ipads and iphones went underwater

825
00:33:40,470 --> 00:33:44,519
it just seems just in cruel well i was

826
00:33:43,140 --> 00:33:47,220
always suspicious of course the famous

827

00:33:44,519 --> 00:33:48,990
podcasting host leo laporte actually had

828
00:33:47,220 --> 00:33:50,430
that done to his phone and tested it

829
00:33:48,990 --> 00:33:52,349
live on air and completely destroyed his

830
00:33:50,430 --> 00:33:53,460
phone yeah I'm a bun cigar making its us

831
00:33:52,349 --> 00:33:55,619
about it doesn't seem a little bit

832
00:33:53,460 --> 00:33:58,110
strange any product or service that

833
00:33:55,619 --> 00:34:00,509
advertises itself as being invisible

834
00:33:58,109 --> 00:34:02,909
probably has a few red flags there mmm

835
00:34:00,509 --> 00:34:05,519
dating services are like that really

836
00:34:02,910 --> 00:34:07,710
okay exactly I use a nano dating service

837
00:34:05,519 --> 00:34:09,480
it uses micro fibers here to keep me

838
00:34:07,710 --> 00:34:10,829
single have you used any of those

839
00:34:09,480 --> 00:34:12,659
products I've got to say I've tried to

840
00:34:10,829 --> 00:34:14,219
get mold off the bathroom with little

841
00:34:12,659 --> 00:34:15,750

results and come back buzz and that

842

00:34:14,219 --> 00:34:18,689

explains it that's a pretty shocking one

843

00:34:15,750 --> 00:34:20,909

I mean you know call a product exit mold

844

00:34:18,690 --> 00:34:25,289

one thing that you would expect it to do

845

00:34:20,909 --> 00:34:27,239

is exit mold but apparently not so I'm

846

00:34:25,289 --> 00:34:29,789

not sure they're going to change the the

847

00:34:27,239 --> 00:34:32,879

product name to nothing maybe yeah I

848

00:34:29,789 --> 00:34:34,380

think of it as a homeopathic bathroom

849

00:34:32,880 --> 00:34:35,789

cleaner maybe maybe they could call it

850

00:34:34,380 --> 00:34:37,950

you'll be back in a week that's right

851

00:34:35,789 --> 00:34:40,230

exactly exit the bathroom yes what

852

00:34:37,949 --> 00:34:42,449

shipper and so just mean a brave new

853

00:34:40,230 --> 00:34:43,380

world of you foraging for food consumer

854

00:34:42,449 --> 00:34:45,029

products now you're going to be out

855

00:34:43,380 --> 00:34:46,890

there testing stuff at home more often

856
00:34:45,030 --> 00:34:48,060
you're going to be out there learning /

857
00:34:46,889 --> 00:34:52,109
listening to lawyers what are you gonna

858
00:34:48,059 --> 00:34:54,090
do I must admit I do occasionally get a

859
00:34:52,110 --> 00:34:56,610
bit angry on the phone in particular so

860
00:34:54,090 --> 00:34:59,970
I have moments of of consumer outrage

861
00:34:56,610 --> 00:35:01,710
and yeah look I must say I enjoy the

862
00:34:59,969 --> 00:35:03,689
shot guys I wouldn't mind channeling it

863
00:35:01,710 --> 00:35:05,340
into some sort of future project but I'm

864
00:35:03,690 --> 00:35:06,840
not not sure yet I can see you're still

865
00:35:05,340 --> 00:35:09,210
angry about homeopathy oh yeah

866
00:35:06,840 --> 00:35:11,309
absolutely I have homeopathic rage which

867
00:35:09,210 --> 00:35:13,110
means it's no really rage at all we'll

868
00:35:11,309 --> 00:35:15,119
give a good time here and I see ya good

869
00:35:13,110 --> 00:35:17,160
see a Cheers a little bit

870
00:35:15,119 --> 00:35:18,539
now I'm with someone who's very excited

871
00:35:17,159 --> 00:35:20,489
it's the biggest day of the year for you

872
00:35:18,539 --> 00:35:21,900
where are we who are you what's

873
00:35:20,489 --> 00:35:24,358
happening we're in Sydney we're at the

874
00:35:21,900 --> 00:35:27,329
ivy and we have just announced the eight

875
00:35:24,358 --> 00:35:29,489
winners of choices annual shonky Awards

876
00:35:27,329 --> 00:35:33,509
this is the seventh year for us monad

877
00:35:29,489 --> 00:35:36,179
and this is where we out the dubious the

878
00:35:33,509 --> 00:35:38,490
dodgy the deceitful sometimes the unsafe

879
00:35:36,179 --> 00:35:40,679
products and services that are on the

880
00:35:38,489 --> 00:35:42,419
market for consumers the naming and

881
00:35:40,679 --> 00:35:43,980
shaming works I mean all my

882
00:35:42,420 --> 00:35:45,358
ex-girlfriends you just talk to them and

883
00:35:43,980 --> 00:35:47,880
it works it takes you off the market

884

00:35:45,358 --> 00:35:51,509
right well that's good to know how we

885
00:35:47,880 --> 00:35:53,490
are at the ivy I thought it was pretty

886
00:35:51,509 --> 00:35:55,440
good from chunky awards at the only oh

887
00:35:53,489 --> 00:35:57,389
yeah that's a bit early but I started I

888
00:35:55,440 --> 00:35:59,789
know and here you are in person checking

889
00:35:57,389 --> 00:36:02,009
it out this here are the products the

890
00:35:59,789 --> 00:36:03,359
winners no dating sites there I thought

891
00:36:02,009 --> 00:36:05,849
you might have some dating sites out

892
00:36:03,358 --> 00:36:08,880
there we have certainly named some some

893
00:36:05,849 --> 00:36:10,710
dating sites for having fees and and

894
00:36:08,880 --> 00:36:12,749
some issues in their contracts but this

895
00:36:10,710 --> 00:36:15,599
year eight winners spanning travel

896
00:36:12,748 --> 00:36:18,719
finance digital or technology white

897
00:36:15,599 --> 00:36:20,940
goods and also fine print in some of the

898
00:36:18,719 --> 00:36:23,909

the contracts in terms and conditions

899

00:36:20,940 --> 00:36:25,858

also health and food there's the only

900

00:36:23,909 --> 00:36:28,469

homeopathic remedies for children now

901

00:36:25,858 --> 00:36:30,768

it's not strictly sold as medicine so is

902

00:36:28,469 --> 00:36:35,248

it that dangerous this is a nature's way

903

00:36:30,768 --> 00:36:38,729

kids smart range homeopathic pills that

904

00:36:35,248 --> 00:36:40,980

are marketed or as natural medicines so

905

00:36:38,730 --> 00:36:42,599

there's still medicines in there Isaac

906

00:36:40,980 --> 00:36:44,068

so someone might consider it medicine

907

00:36:42,599 --> 00:36:46,019

even though it's not officially classed

908

00:36:44,068 --> 00:36:48,239

aside when you're reading the labels the

909

00:36:46,018 --> 00:36:51,328

claims say that this is for treating

910

00:36:48,239 --> 00:36:56,130

children with runny noses hey FIFA I'm

911

00:36:51,329 --> 00:36:59,039

cold and fever for kids who are agitated

912

00:36:56,130 --> 00:37:01,798

who are restless and some of these

913
00:36:59,039 --> 00:37:05,400
symptoms are actually symptoms of

914
00:37:01,798 --> 00:37:07,739
potentially infectious diseases where

915
00:37:05,400 --> 00:37:10,259
kids might actually be really sick we

916
00:37:07,739 --> 00:37:12,059
looked at the concentration of the

917
00:37:10,259 --> 00:37:13,920
active ingredients in these products and

918
00:37:12,059 --> 00:37:16,528
we found that it's one drop in the

919
00:37:13,920 --> 00:37:18,450
equivalent of 20,000 Olympic sized pools

920
00:37:16,528 --> 00:37:19,949
it's not the dilution that we're so

921
00:37:18,449 --> 00:37:21,399
worried about because that's part of

922
00:37:19,949 --> 00:37:23,679
homeopathy but

923
00:37:21,400 --> 00:37:25,869
it's the fact that these products are

924
00:37:23,679 --> 00:37:28,809
marketed to parents to look after sick

925
00:37:25,869 --> 00:37:32,079
kids who may by using them be actually

926
00:37:28,809 --> 00:37:34,150
delaying their seeking of professional

927
00:37:32,079 --> 00:37:35,949
medical advice for kids who might be

928
00:37:34,150 --> 00:37:38,800
really sick and that's putting them in

929
00:37:35,949 --> 00:37:40,539
potential potential danger tell me I

930
00:37:38,800 --> 00:37:43,360
scamsters becoming smarter or a

931
00:37:40,539 --> 00:37:45,099
consumers not becoming as aware probably

932
00:37:43,360 --> 00:37:48,760
a little bit of both I think scams just

933
00:37:45,099 --> 00:37:52,210
keep ahead of the curve but consumers

934
00:37:48,760 --> 00:37:54,280
now have more information at their

935
00:37:52,210 --> 00:37:59,050
fingertips than ever before when they

936
00:37:54,280 --> 00:38:01,660
purchase so using your mobile phone your

937
00:37:59,050 --> 00:38:04,060
iPad your tablet computer you can do

938
00:38:01,659 --> 00:38:06,069
your research on the spot in a store not

939
00:38:04,059 --> 00:38:08,440
just price comparisons but you can check

940
00:38:06,070 --> 00:38:10,539
our choice reports for example they give

941

00:38:08,440 --> 00:38:12,519
you the critical information that cuts

942
00:38:10,539 --> 00:38:14,980
through the marketing spin and it's the

943
00:38:12,519 --> 00:38:16,239
key thing for consumers to remember okay

944
00:38:14,980 --> 00:38:17,829
look thank you very time you've got a

945
00:38:16,239 --> 00:38:21,929
lot of interviews up here and like be

946
00:38:17,829 --> 00:38:21,929
skeptical thanks so much red / white

947
00:38:37,250 --> 00:38:43,019
more scientists in Pollard how good

948
00:38:40,829 --> 00:38:46,650
would that be well you can find out that

949
00:38:43,019 --> 00:38:50,159
Canberra there's a lecture by dr. will

950
00:38:46,650 --> 00:38:54,660
grant on the tenth of November 2010 time

951
00:38:50,159 --> 00:38:56,670
is 130 p.m. til 330 p.m. at the CSIRO

952
00:38:54,659 --> 00:38:59,868
Discovery Center clooney's ross street

953
00:38:56,670 --> 00:39:04,170
actin in the acct in canberra there

954
00:38:59,869 --> 00:39:06,329
admission is free we often hear moans

955
00:39:04,170 --> 00:39:09,180

that our current Parliament features far

956

00:39:06,329 --> 00:39:11,460

too few scientists and instead it is

957

00:39:09,179 --> 00:39:13,889

packed with lawyers economists and used

958

00:39:11,460 --> 00:39:15,358

car salesman but what would it actually

959

00:39:13,889 --> 00:39:17,730

mean to pack our parliament with

960

00:39:15,358 --> 00:39:20,250

scientists would we really get better

961

00:39:17,730 --> 00:39:23,250

policy outcomes would we get truly

962

00:39:20,250 --> 00:39:25,289

evidence-based policy in this talk will

963

00:39:23,250 --> 00:39:27,719

grant will explore how scientists and

964

00:39:25,289 --> 00:39:30,659

politicians might work together for the

965

00:39:27,719 --> 00:39:32,578

best policy outcomes more information

966

00:39:30,659 --> 00:39:39,409

about this talk on the tenth of November

967

00:39:32,579 --> 00:39:41,818

at ww Canberra skeptics org a you and

968

00:39:39,409 --> 00:39:43,318

while you're there you might check out

969

00:39:41,818 --> 00:39:45,599

the information about another talk

970
00:39:43,318 --> 00:39:48,719
coming up the last Canberra skeptics

971
00:39:45,599 --> 00:39:51,480
meeting ever a sceptical take on the

972
00:39:48,719 --> 00:39:53,669
upcoming end of the world with our very

973
00:39:51,480 --> 00:39:57,300
own Peter Babbage and that's on the

974
00:39:53,670 --> 00:40:00,630
eighth of December 2012 at D CSIRO

975
00:39:57,300 --> 00:40:03,750
discovery center as well admission is

976
00:40:00,630 --> 00:40:05,608
free more scientists in Parliament and

977
00:40:03,750 --> 00:40:08,639
the end of the world I don't think the

978
00:40:05,608 --> 00:40:11,789
to necessarily go together visit www

979
00:40:08,639 --> 00:40:14,489
Canberra skeptics org au for more

980
00:40:11,789 --> 00:40:16,759
information about these free public

981
00:40:14,489 --> 00:40:16,759
talks

982
00:40:25,880 --> 00:40:36,510
join us now for drinking skeptically in

983
00:40:29,280 --> 00:40:38,490
the think tank add once again listeners

984
00:40:36,510 --> 00:40:41,250
as we do periodically maybe that once a

985
00:40:38,489 --> 00:40:44,879
year we're back in our lovely Southern

986
00:40:41,250 --> 00:40:48,360
California in the Orange County called

987
00:40:44,880 --> 00:40:51,690
because it's orange but was it is orange

988
00:40:48,360 --> 00:40:54,480
because of halloween that's uh huh I see

989
00:40:51,690 --> 00:40:56,369
and I'm here in the hot tub of truth I'm

990
00:40:54,480 --> 00:41:03,889
surrounded by so many skeptics I can't

991
00:40:56,369 --> 00:41:06,750
tell you but cheers everybody bloody hmm

992
00:41:03,889 --> 00:41:08,400
that's a Brian come on skip to keep

993
00:41:06,750 --> 00:41:11,250
roads and I and we're a little jealous

994
00:41:08,400 --> 00:41:12,750
that I got invited I'm like wow let's do

995
00:41:11,250 --> 00:41:19,110
the circle here let's introduce

996
00:41:12,750 --> 00:41:22,170
everybody starting on my right Oh me I'm

997
00:41:19,110 --> 00:41:24,120
penny gem of a skeptic zone you know me

998

00:41:22,170 --> 00:41:25,230
but I also do skeptically phoned pretty

999
00:41:24,119 --> 00:41:26,730
for your thoughts ready for your

1000
00:41:25,230 --> 00:41:29,699
thoughts and you can you thought that's

1001
00:41:26,730 --> 00:41:31,679
missing there you are oh hey I'm Rachel

1002
00:41:29,699 --> 00:41:34,019
bloom I do sketches in music videos

1003
00:41:31,679 --> 00:41:38,639
under the username Rachel does stuff on

1004
00:41:34,019 --> 00:41:40,679
YouTube and I write for the adult swim

1005
00:41:38,639 --> 00:41:42,750
show robot chicken and you did the

1006
00:41:40,679 --> 00:41:45,809
lovely singing in bryan Dunning's

1007
00:41:42,750 --> 00:41:48,329
episode of 7 Jeff sequin secretly digi

1008
00:41:45,809 --> 00:41:50,969
Queen which was fantastic yeah and she

1009
00:41:48,329 --> 00:41:53,789
is coming up in skeptically poem 2012

1010
00:41:50,969 --> 00:41:56,579
might have some John rail a creator

1011
00:41:53,789 --> 00:41:58,679
person of skeptically pwned I'm Jim

1012
00:41:56,579 --> 00:42:00,480

Brown other creator person of

1013

00:41:58,679 --> 00:42:03,119
skeptically pwned I sent some

1014

00:42:00,480 --> 00:42:06,269
competition there no one of us has to

1015

00:42:03,119 --> 00:42:10,500
die that's all I Mary nothing and I'm

1016

00:42:06,269 --> 00:42:15,050
just a person that's cool yeah future

1017

00:42:10,500 --> 00:42:18,030
present future Penn State has a plan for

1018

00:42:15,050 --> 00:42:20,550
some country I think it involves polar

1019

00:42:18,030 --> 00:42:22,530
bears and we have I'm Brian Dunning from

1020

00:42:20,550 --> 00:42:24,820
sceptile haha where have I heard that

1021

00:42:22,530 --> 00:42:29,800
before and I am NOT Brian

1022

00:42:24,820 --> 00:42:33,490
I'm Lisa died mrs. sketchy-looking saucy

1023

00:42:29,800 --> 00:42:36,490
f9 so what a thrill it is to be back in

1024

00:42:33,489 --> 00:42:39,159
the hot tub run this is a good hot tub

1025

00:42:36,489 --> 00:42:40,599
of Troop I think over the years and it's

1026

00:42:39,159 --> 00:42:44,469
the first one that we've actually worn

1027
00:42:40,599 --> 00:42:50,110
bathing suits yeah Shh ok what do that

1028
00:42:44,469 --> 00:42:54,069
damn it why do we have early start so

1029
00:42:50,110 --> 00:42:56,289
Brian um now what we can we can allude

1030
00:42:54,070 --> 00:43:00,090
to some big news coming up for skipped I

1031
00:42:56,289 --> 00:43:02,889
think without giving too much away I am

1032
00:43:00,090 --> 00:43:05,800
working at bringing sceptile to a larger

1033
00:43:02,889 --> 00:43:07,750
market and you can use your imagination

1034
00:43:05,800 --> 00:43:11,560
to guess what market that I'm using all

1035
00:43:07,750 --> 00:43:13,480
kinds of imagination right that's good

1036
00:43:11,559 --> 00:43:17,099
yeah then that's all the hint you can

1037
00:43:13,480 --> 00:43:17,099
give us brian is releasing a sext

1038
00:43:18,329 --> 00:43:26,980
information it's close to be using our

1039
00:43:20,349 --> 00:43:36,880
imagination it's called sex toy dear sir

1040
00:43:26,980 --> 00:43:38,260
he debunks many myths I hope that

1041
00:43:36,880 --> 00:43:40,860
doesn't include a video I've been

1042
00:43:38,260 --> 00:43:43,870
relying on those myths for so long

1043
00:43:40,860 --> 00:43:45,460
speaking of videos and there a number of

1044
00:43:43,869 --> 00:43:48,009
people here in the hot tub who are

1045
00:43:45,460 --> 00:43:50,470
involved in videos but Brian um I think

1046
00:43:48,010 --> 00:43:52,930
was it last time I just think he a year

1047
00:43:50,469 --> 00:43:56,589
ago you or maybe even before the new won

1048
00:43:52,929 --> 00:43:58,869
an award for here be dragons oh yeah it

1049
00:43:56,590 --> 00:44:03,309
was at a film festival up and up in

1050
00:43:58,869 --> 00:44:04,900
Portland Oregon and yeah it was like the

1051
00:44:03,309 --> 00:44:07,719
the juried award or something like that

1052
00:44:04,900 --> 00:44:09,820
because I as my listeners know last week

1053
00:44:07,719 --> 00:44:15,159
I was visiting a school in vacaville in

1054
00:44:09,820 --> 00:44:16,900
California and they you know it will c

1055

00:44:15,159 --> 00:44:18,909
wood high school and they showed the

1056
00:44:16,900 --> 00:44:21,970
kids in science class can't be dragon

1057
00:44:18,909 --> 00:44:23,889
yeah ever since the thing with here be

1058
00:44:21,969 --> 00:44:25,480
dragons is it was made by one guy with

1059
00:44:23,889 --> 00:44:27,429
no clue setting the camera up on a

1060
00:44:25,480 --> 00:44:29,800
tripod and standing in front of it so it

1061
00:44:27,429 --> 00:44:32,559
was like totally modest production

1062
00:44:29,800 --> 00:44:35,230
values but the rapes that its end up

1063
00:44:32,559 --> 00:44:37,699
having has just constantly amazed me my

1064
00:44:35,230 --> 00:44:39,320
favorite part is the part with Lisa

1065
00:44:37,699 --> 00:44:44,539
yeah that's everyone's face my favorite

1066
00:44:39,320 --> 00:44:46,160
comment on that was so many shirts for

1067
00:44:44,539 --> 00:44:48,500
some reason I thought it was necessary

1068
00:44:46,159 --> 00:44:50,299
to change clothes in every single shot

1069
00:44:48,500 --> 00:44:52,610

and you have so many shirts in that my

1070

00:44:50,300 --> 00:44:55,220

favorite part was the Pacifico beer you

1071

00:44:52,610 --> 00:44:57,289

were rocking yes yes yes there's the

1072

00:44:55,219 --> 00:44:59,899

famous outtake from that where I put the

1073

00:44:57,289 --> 00:45:01,880

beer up to my lips and took a sway any

1074

00:44:59,900 --> 00:45:03,139

other gather hadn't been any beer at the

1075

00:45:01,880 --> 00:45:06,470

house at the time so I went out to the

1076

00:45:03,139 --> 00:45:08,809

trash can and literally rubbish oh and

1077

00:45:06,469 --> 00:45:14,059

when I put it up to my lips I got a

1078

00:45:08,809 --> 00:45:16,789

medal full of something oh you ever sink

1079

00:45:14,059 --> 00:45:19,130

in your home sherry you're just telling

1080

00:45:16,789 --> 00:45:20,869

me recently how and if we look over the

1081

00:45:19,130 --> 00:45:22,460

hot tub we can see your your nice little

1082

00:45:20,869 --> 00:45:25,369

yard here how it's been invaded by

1083

00:45:22,460 --> 00:45:29,150

raccoons oh I hope the raccoons weren't

1084
00:45:25,369 --> 00:45:31,190
invading your trash can that's the

1085
00:45:29,150 --> 00:45:33,950
raccoons come and eat the grubs actually

1086
00:45:31,190 --> 00:45:37,039
it's been a neighborhood wide interest

1087
00:45:33,949 --> 00:45:38,480
our city would but so yeah true story we

1088
00:45:37,039 --> 00:45:40,940
actually downloaded that before we ever

1089
00:45:38,480 --> 00:45:42,559
met you that's really hot here we hang

1090
00:45:40,940 --> 00:45:45,349
it's very cool thank you for doing them

1091
00:45:42,559 --> 00:45:46,880
unless marked I love the pot in here be

1092
00:45:45,349 --> 00:45:49,369
dragons where he's talking about New Age

1093
00:45:46,880 --> 00:45:52,610
energy he's running across a pot chased

1094
00:45:49,369 --> 00:45:54,559
by this blogger baby I think from Star

1095
00:45:52,610 --> 00:45:56,990
Trek just like a blob of and every did

1096
00:45:54,559 --> 00:45:59,389
he get a credit in that I think yeah i

1097
00:45:56,989 --> 00:46:01,879
did on one scene it was the part was

1098
00:45:59,389 --> 00:46:03,440
like the monsters in manner seemed all

1099
00:46:01,880 --> 00:46:05,750
it was when he was reading the book on

1100
00:46:03,440 --> 00:46:09,079
the bread calyx upstairs my job was

1101
00:46:05,750 --> 00:46:11,389
pushing record and pushing record again

1102
00:46:09,079 --> 00:46:12,679
to stop it we're proud good enough good

1103
00:46:11,389 --> 00:46:14,119
job be surprised about how many

1104
00:46:12,679 --> 00:46:16,969
professionals in hollywood mess that up

1105
00:46:14,119 --> 00:46:18,619
yeah Rachel of course for you know your

1106
00:46:16,969 --> 00:46:20,959
video is a fantastic we were just

1107
00:46:18,619 --> 00:46:22,699
looking at some earlier before we enter

1108
00:46:20,960 --> 00:46:25,909
the hot tub and just laughing so hard

1109
00:46:22,699 --> 00:46:27,139
you're wonderful comic music video I

1110
00:46:25,909 --> 00:46:30,139
think they're comic I'd like to thank

1111
00:46:27,139 --> 00:46:32,989
some and without honestly without trying

1112

00:46:30,139 --> 00:46:34,549
to flatter you i was there in the studio

1113
00:46:32,989 --> 00:46:37,159
when you recorded brian Downing's

1114
00:46:34,550 --> 00:46:40,420
episode the Gypsy queen and I was just

1115
00:46:37,159 --> 00:46:42,759
captivated by your voice and I'm here

1116
00:46:40,420 --> 00:46:45,460
really she came at us with no rehearsal

1117
00:46:42,760 --> 00:46:47,860
no practice I ramed literally just

1118
00:46:45,460 --> 00:46:50,079
started on first tape recording yeah I

1119
00:46:47,860 --> 00:46:51,820
think I listen to it in the car ride

1120
00:46:50,079 --> 00:46:55,420
there cuz I thought there was she music

1121
00:46:51,820 --> 00:46:58,120
yet yeah it's I've been singing my whole

1122
00:46:55,420 --> 00:47:00,849
life and you know hey I went to a really

1123
00:46:58,119 --> 00:47:03,009
good um college-conservatory that had

1124
00:47:00,849 --> 00:47:04,960
very good vocal technique classes it

1125
00:47:03,010 --> 00:47:07,510
really really kicked your ass you sound

1126
00:47:04,960 --> 00:47:09,730

awful thank you lecie Sanders whos the

1127

00:47:07,510 --> 00:47:11,920

composer on the Gypsy queen and who's a

1128

00:47:09,730 --> 00:47:13,990

you know successful professional

1129

00:47:11,920 --> 00:47:16,389

composer in Hollywood he was very

1130

00:47:13,989 --> 00:47:18,759

impressed oh he was great his music was

1131

00:47:16,389 --> 00:47:20,109

awesome Lee is the best you know in your

1132

00:47:18,760 --> 00:47:21,610

life you look back and you think I

1133

00:47:20,110 --> 00:47:23,349

remember that time I remember that well

1134

00:47:21,610 --> 00:47:25,660

that day we were at least Sanders house

1135

00:47:23,349 --> 00:47:27,309

to record that episode with you singing

1136

00:47:25,659 --> 00:47:29,319

and Lee being just the charming

1137

00:47:27,309 --> 00:47:32,289

wonderful man ears that's one of those

1138

00:47:29,320 --> 00:47:33,519

days that is ingrained in my head it was

1139

00:47:32,289 --> 00:47:36,849

really fun we went to that amazing

1140

00:47:33,519 --> 00:47:39,099

random the german restaurant guys

1141
00:47:36,849 --> 00:47:45,460
there's a really good german restaurant

1142
00:47:39,099 --> 00:47:48,069
right by LAX it was so good it was like

1143
00:47:45,460 --> 00:47:49,630
it was in westchester it's a it's

1144
00:47:48,070 --> 00:47:51,880
probably the only german restaurant in

1145
00:47:49,630 --> 00:47:54,490
westchester I imagine that's probably

1146
00:47:51,880 --> 00:47:56,920
specific it was song go so good i think

1147
00:47:54,489 --> 00:47:59,379
i had like a deer steak or so quiet

1148
00:47:56,920 --> 00:48:01,869
that's right yeah i like some crazy stay

1149
00:47:59,380 --> 00:48:04,930
yeah yeah but I was like whatever never

1150
00:48:01,869 --> 00:48:07,210
to go there its beauty delays that many

1151
00:48:04,929 --> 00:48:09,039
of my listeners of course but listen to

1152
00:48:07,210 --> 00:48:10,570
skip toid every week and I'd be familiar

1153
00:48:09,039 --> 00:48:12,639
but if you haven't heard episode three

1154
00:48:10,570 --> 00:48:13,990
hundred the the secret of the Gypsy

1155
00:48:12,639 --> 00:48:16,059
queen the secret of the Gypsy way

1156
00:48:13,989 --> 00:48:17,979
there's there's of course just the audio

1157
00:48:16,059 --> 00:48:20,469
which is it's basically a fairytale

1158
00:48:17,980 --> 00:48:21,880
story about a little girl who saves her

1159
00:48:20,469 --> 00:48:23,529
kingdom when she's the only one who

1160
00:48:21,880 --> 00:48:25,960
doesn't buy into the pop pseudoscience

1161
00:48:23,530 --> 00:48:29,230
of the u.s. cough so there's the musical

1162
00:48:25,960 --> 00:48:30,639
story and song in just the audio podcast

1163
00:48:29,230 --> 00:48:32,769
and also you can go to youtube and you

1164
00:48:30,639 --> 00:48:34,329
can see the whole video which was

1165
00:48:32,769 --> 00:48:36,730
illustrated by a children's illustrator

1166
00:48:34,329 --> 00:48:38,250
named jesse horn whoohoo in from he was

1167
00:48:36,730 --> 00:48:40,380
in Arizona

1168
00:48:38,250 --> 00:48:42,480
really good and you can buy the

1169

00:48:40,380 --> 00:48:44,700
children's book you can find the blog as

1170
00:48:42,480 --> 00:48:47,130
well strated the secret of the Gypsy

1171
00:48:44,699 --> 00:48:49,069
queen is on amazon.com Jesse did the

1172
00:48:47,130 --> 00:48:52,050
illustrations for that and it's it's

1173
00:48:49,070 --> 00:48:53,610
really a terrific piece I love a great

1174
00:48:52,050 --> 00:48:55,080
piece of art even though you don't have

1175
00:48:53,610 --> 00:48:57,090
a little kid who will enjoy the story

1176
00:48:55,079 --> 00:48:59,039
yeah and doing that piece actually got

1177
00:48:57,090 --> 00:49:02,309
me because I always been interested in

1178
00:48:59,039 --> 00:49:03,869
in like The Skeptical area and I just

1179
00:49:02,309 --> 00:49:06,150
had like left it for a while I actually

1180
00:49:03,869 --> 00:49:08,190
was subscribed I had I got the skeptical

1181
00:49:06,150 --> 00:49:10,170
inquirer when I was like 12 yo kid right

1182
00:49:08,190 --> 00:49:11,880
here yep yeah because I was always from

1183
00:49:10,170 --> 00:49:13,170

a very young age like all of you started

1184

00:49:11,880 --> 00:49:15,570

I was really interested in ghosts and

1185

00:49:13,170 --> 00:49:16,980

aliens starting like age 8 and then I

1186

00:49:15,570 --> 00:49:18,330

started getting into skepticism and then

1187

00:49:16,980 --> 00:49:20,070

I left it for a while and then doing

1188

00:49:18,329 --> 00:49:21,840

that episode actually kind of started to

1189

00:49:20,070 --> 00:49:23,880

bring me back to it this world and i

1190

00:49:21,840 --> 00:49:28,200

really like and as you say you've been

1191

00:49:23,880 --> 00:49:30,000

listening to skip toy i have been there

1192

00:49:28,199 --> 00:49:31,710

back in how embarrassing is it for

1193

00:49:30,000 --> 00:49:33,090

someone like me who thinks brian is a

1194

00:49:31,710 --> 00:49:37,829

complete dork but i'm recommending

1195

00:49:33,090 --> 00:49:43,559

skipped I to everybody stitchers of

1196

00:49:37,829 --> 00:49:45,630

Richard's episodes come out for that so

1197

00:49:43,559 --> 00:49:47,460

and the question is I think and I've put

1198
00:49:45,630 --> 00:49:50,579
this to you before when is here be

1199
00:49:47,460 --> 00:49:52,980
dragons to you well as you know I've

1200
00:49:50,579 --> 00:49:55,559
been applying for 501 C 3 which is the

1201
00:49:52,980 --> 00:49:57,449
US nonprofit status yeah and it has

1202
00:49:55,559 --> 00:49:59,429
literally taken over a year and a half

1203
00:49:57,449 --> 00:50:01,529
now you're still going to nonprofit

1204
00:49:59,429 --> 00:50:03,119
router and yet the government has the

1205
00:50:01,530 --> 00:50:04,680
last the final piece of paperwork is in

1206
00:50:03,119 --> 00:50:06,210
their hands they've got my check and I'm

1207
00:50:04,679 --> 00:50:07,319
just waiting as soon as that comes

1208
00:50:06,210 --> 00:50:09,570
through then I'm gonna put up a

1209
00:50:07,320 --> 00:50:11,880
Kickstarter project you can see tax

1210
00:50:09,570 --> 00:50:13,410
deduct wait you have to pay for it too

1211
00:50:11,880 --> 00:50:16,050
we have to give them a check in order oh

1212
00:50:13,409 --> 00:50:17,989
yeah you gotta you gotta say with eight

1213
00:50:16,050 --> 00:50:20,220
hundred fifty dollars along with

1214
00:50:17,989 --> 00:50:23,459
application and the application is just

1215
00:50:20,219 --> 00:50:26,069
it's just it's a joke yeah hey Brian you

1216
00:50:23,460 --> 00:50:28,590
just want anybody to have a profit yeah

1217
00:50:26,070 --> 00:50:30,390
yeah if the answer isn't too boring why

1218
00:50:28,590 --> 00:50:33,329
did you decide to go the nonprofit rock

1219
00:50:30,389 --> 00:50:35,420
you know well in order to I've always

1220
00:50:33,329 --> 00:50:38,940
been a big believer that in order to

1221
00:50:35,420 --> 00:50:40,559
successfully produce skeptical material

1222
00:50:38,940 --> 00:50:41,940
or any material it's got to be something

1223
00:50:40,559 --> 00:50:44,250
that people are willing to pay for

1224
00:50:41,940 --> 00:50:46,980
mm-hmm so I've always taken a very

1225
00:50:44,250 --> 00:50:48,809
pragmatic commercial look at doing the

1226

00:50:46,980 --> 00:50:51,630
podcast and that's why I do it full time

1227
00:50:48,809 --> 00:50:53,369
now because there's barely enough listen

1228
00:50:51,630 --> 00:50:56,220
subscriptions to allow me to scrape by

1229
00:50:53,369 --> 00:50:58,349
doing it full time I've heard from many

1230
00:50:56,219 --> 00:50:59,939
people many times that if it was

1231
00:50:58,349 --> 00:51:03,900
tax-deductible they would contribute

1232
00:50:59,940 --> 00:51:06,510
more which makes all the sense in the

1233
00:51:03,900 --> 00:51:09,210
world began what I'm doing already is

1234
00:51:06,510 --> 00:51:11,130
meets all the qualifications it meets

1235
00:51:09,210 --> 00:51:12,929
the the intent of the law firm for

1236
00:51:11,130 --> 00:51:15,420
nonprofits I'm providing a free

1237
00:51:12,929 --> 00:51:17,879
educational resource yeah yeah yeah and

1238
00:51:15,420 --> 00:51:20,670
so that's that's the direction that I

1239
00:51:17,880 --> 00:51:23,010
decided to go with with the commercial

1240
00:51:20,670 --> 00:51:24,539

angle I don't think that if I made it

1241
00:51:23,010 --> 00:51:26,550
like you had to buy it I don't think it

1242
00:51:24,539 --> 00:51:28,500
would be successful but i think that

1243
00:51:26,550 --> 00:51:30,480
people who get behind it who believe in

1244
00:51:28,500 --> 00:51:33,090
the material and will continue to

1245
00:51:30,480 --> 00:51:35,880
support it I'm absolutely thrilled that

1246
00:51:33,090 --> 00:51:37,769
you don't that it's free and the skeptic

1247
00:51:35,880 --> 00:51:40,619
zone is oh yeah and if people want to

1248
00:51:37,769 --> 00:51:42,869
chip in I'm thrilled in the light and

1249
00:51:40,619 --> 00:51:45,000
I'm so grateful but it should be free

1250
00:51:42,869 --> 00:51:46,650
union should be friends do you know how

1251
00:51:45,000 --> 00:51:48,690
about subscribers or listeners you have

1252
00:51:46,650 --> 00:51:51,750
is there a way to more than me I have

1253
00:51:48,690 --> 00:51:54,780
well you know it's interesting I'm like

1254
00:51:51,750 --> 00:51:56,489
like most podcasts I use a company

1255
00:51:54,780 --> 00:51:58,680
called libsyn that hosts the files

1256
00:51:56,489 --> 00:52:01,679
because the band width would be

1257
00:51:58,679 --> 00:52:04,349
completely prohibited the boys so libsyn

1258
00:52:01,679 --> 00:52:06,929
provides their own statistics however I

1259
00:52:04,349 --> 00:52:09,059
having a web development background I I

1260
00:52:06,929 --> 00:52:10,919
track it all through my own web server

1261
00:52:09,059 --> 00:52:13,289
oh really and the statistics that I come

1262
00:52:10,920 --> 00:52:15,840
up with the method i'm satisfied with

1263
00:52:13,289 --> 00:52:19,019
our greatly different than the ones

1264
00:52:15,840 --> 00:52:21,720
libsyn comes well good or bad minor

1265
00:52:19,019 --> 00:52:23,759
minor higher libsyn doesn't count a lot

1266
00:52:21,719 --> 00:52:26,339
of the listen the lessons that I kept

1267
00:52:23,760 --> 00:52:28,290
and really it's a really it's really

1268
00:52:26,340 --> 00:52:30,240
complicated it's not simply counting IP

1269
00:52:28,289 --> 00:52:33,869
addresses or counting downloads it's

1270
00:52:30,239 --> 00:52:35,609
it's people in neighborhoods served by

1271
00:52:33,869 --> 00:52:37,799
cable modems for example they all look

1272
00:52:35,610 --> 00:52:39,390
like the same IP address and then some

1273
00:52:37,800 --> 00:52:41,460
people's copy of itunes will try and

1274
00:52:39,389 --> 00:52:43,139
download it 16 times because it fails

1275
00:52:41,460 --> 00:52:46,050
yeah so there's there's a lot of

1276
00:52:43,139 --> 00:52:48,719
variables okay what the quality of

1277
00:52:46,050 --> 00:52:50,880
research that you do is a full-time job

1278
00:52:48,719 --> 00:52:53,639
it is you can tell you put in a lot of

1279
00:52:50,880 --> 00:52:57,240
time and effort into each of the

1280
00:52:53,639 --> 00:52:59,279
episodes so it should be a full-time get

1281
00:52:57,239 --> 00:53:01,319
paid for that being said you should

1282
00:52:59,280 --> 00:53:02,820
people you know it's great that it's for

1283

00:53:01,320 --> 00:53:04,440
free I don't want this I want this

1284
00:53:02,820 --> 00:53:04,890
recorded Richard I just gave him an

1285
00:53:04,440 --> 00:53:08,159
assigned

1286
00:53:04,889 --> 00:53:09,750
for the Hollow Earth theory so all over

1287
00:53:08,159 --> 00:53:12,059
there is out there brought me three

1288
00:53:09,750 --> 00:53:16,170
books so I that is more books than

1289
00:53:12,059 --> 00:53:18,509
anybody else on earth oh yeah I think

1290
00:53:16,170 --> 00:53:20,490
the take-home message for skeptic zone

1291
00:53:18,510 --> 00:53:23,730
listeners is if you can afford it after

1292
00:53:20,489 --> 00:53:25,439
you've contributed to the skipping so as

1293
00:53:23,730 --> 00:53:28,949
a few pennies that are left sending

1294
00:53:25,440 --> 00:53:30,780
Brian Dunning thank you but I never

1295
00:53:28,949 --> 00:53:35,939
solicit my own donations on someone

1296
00:53:30,780 --> 00:53:38,280
else's show masse I've been zing to gain

1297
00:53:35,940 --> 00:53:40,200

by behind coming oh I have a question

1298

00:53:38,280 --> 00:53:44,310

for both of you yeah cuz there ever been

1299

00:53:40,199 --> 00:53:46,199

a topic that you that you bunked but

1300

00:53:44,309 --> 00:53:48,539

like there are what's the topic that's

1301

00:53:46,199 --> 00:53:50,069

left the most mystery still to you not

1302

00:53:48,539 --> 00:53:51,509

that not that you're convinced it might

1303

00:53:50,070 --> 00:53:53,130

be real but but is there any topic that

1304

00:53:51,510 --> 00:53:54,300

like there are some things you still

1305

00:53:53,130 --> 00:53:56,519

can't explain you know that they're

1306

00:53:54,300 --> 00:53:58,320

explainable but you can't come very good

1307

00:53:56,519 --> 00:54:00,719

question yeah it's it's it's the most

1308

00:53:58,320 --> 00:54:03,420

the most common question I get in some

1309

00:54:00,719 --> 00:54:05,639

form yeah you know it's what's what's

1310

00:54:03,420 --> 00:54:07,260

the occasion where the supernatural

1311

00:54:05,639 --> 00:54:09,359

explanation turned out to be the true

1312
00:54:07,260 --> 00:54:11,760
one well I would come up with but but

1313
00:54:09,360 --> 00:54:13,860
yes I know what you're saying um and and

1314
00:54:11,760 --> 00:54:16,500
really there's there's many many cases

1315
00:54:13,860 --> 00:54:18,090
where we simply don't know mm-hmm and a

1316
00:54:16,500 --> 00:54:21,300
lot of them are something that was like

1317
00:54:18,090 --> 00:54:24,570
it that's me what's you squeezing me

1318
00:54:21,300 --> 00:54:26,220
under the world hit me and I wonder the

1319
00:54:24,570 --> 00:54:32,100
second you guys start taping skeptical

1320
00:54:26,219 --> 00:54:33,989
toppers and start getting it on it

1321
00:54:32,099 --> 00:54:37,110
excites me it's extremely this

1322
00:54:33,989 --> 00:54:39,329
mysterious foot just hahaha was touching

1323
00:54:37,110 --> 00:54:41,099
that was my thought whose full well yeah

1324
00:54:39,329 --> 00:54:42,509
I'm trying to stretch out because I've

1325
00:54:41,099 --> 00:54:45,319
been crumpled into a ball over here it

1326
00:54:42,510 --> 00:54:48,720
was a boy my place this is anyone just

1327
00:54:45,320 --> 00:54:51,269
on Richards lap and then we'll just like

1328
00:54:48,719 --> 00:54:54,509
make a way he's the easy let's say you

1329
00:54:51,269 --> 00:54:55,800
Brian you Vinick I thought my question

1330
00:54:54,510 --> 00:55:01,770
was like super unique but apparently

1331
00:54:55,800 --> 00:55:03,240
it's the most because you're what you're

1332
00:55:01,769 --> 00:55:04,800
really asking is what everyone's

1333
00:55:03,239 --> 00:55:06,449
fundamentally asking when they want to

1334
00:55:04,800 --> 00:55:08,130
tune in to a show like this yeah they

1335
00:55:06,449 --> 00:55:09,399
want to know you know what's a what's a

1336
00:55:08,130 --> 00:55:11,890
real mystery what

1337
00:55:09,400 --> 00:55:14,050
and and really there's so many of these

1338
00:55:11,889 --> 00:55:17,199
and it's it's usually things where all

1339
00:55:14,050 --> 00:55:19,570
of the evidence was anecdotal like if

1340

00:55:17,199 --> 00:55:21,789
it's a UFO I absolutely agree okay we

1341
00:55:19,570 --> 00:55:23,530
have no idea what actually happened in

1342
00:55:21,789 --> 00:55:25,719
this case if somebody comes to us and

1343
00:55:23,530 --> 00:55:27,640
says I was in my backyard yesterday I

1344
00:55:25,719 --> 00:55:29,259
was weeding the garden I looked up in a

1345
00:55:27,639 --> 00:55:31,839
UFO flew over how do you explain that

1346
00:55:29,260 --> 00:55:33,430
yeah yeah I can't explain that what do

1347
00:55:31,840 --> 00:55:35,050
we do I'm the world's least qualified

1348
00:55:33,429 --> 00:55:36,969
person to explain that I wasn't there

1349
00:55:35,050 --> 00:55:38,200
right I have no idea what you may have

1350
00:55:36,969 --> 00:55:41,949
seen I don't know if you're actually

1351
00:55:38,199 --> 00:55:44,109
trying to pull my leg right oh you

1352
00:55:41,949 --> 00:55:46,389
genuine oh what happened you know yeah

1353
00:55:44,110 --> 00:55:47,950
earlier Rachel you were flinging ghost

1354
00:55:46,389 --> 00:55:49,239

stories at us and I'm you know I'm going

1355

00:55:47,949 --> 00:55:50,739

to skip and go around I'm like did it

1356

00:55:49,239 --> 00:55:53,529

all take place in the same room with the

1357

00:55:50,739 --> 00:55:55,469

same circumstance no okay to take place

1358

00:55:53,530 --> 00:55:59,140

where the same person no okay did it I

1359

00:55:55,469 --> 00:56:00,819

don't know yeah ghost stories from

1360

00:55:59,139 --> 00:56:02,500

various friends but like as a skeptic

1361

00:56:00,820 --> 00:56:04,240

I've been trying to like fire reasons

1362

00:56:02,500 --> 00:56:05,440

for and some like n some what are you

1363

00:56:04,239 --> 00:56:07,649

that's the problem one of the biggest

1364

00:56:05,440 --> 00:56:11,470

mistakes any other skeptics make and

1365

00:56:07,650 --> 00:56:13,090

people trying to unravel things is the

1366

00:56:11,469 --> 00:56:15,279

first thing is well did it really happen

1367

00:56:13,090 --> 00:56:17,110

I'd this person is telling me something

1368

00:56:15,280 --> 00:56:18,940

but that doesn't mean it happen yeah

1369
00:56:17,110 --> 00:56:20,920
like they're telling me what happened at

1370
00:56:18,940 --> 00:56:23,289
all sure yeah and then you end up trying

1371
00:56:20,920 --> 00:56:24,730
to explain their memory yeah and that's

1372
00:56:23,289 --> 00:56:25,960
what John was saying that it's it's work

1373
00:56:24,730 --> 00:56:27,909
that you guys are always saying words

1374
00:56:25,960 --> 00:56:29,590
it's also something of doing selective

1375
00:56:27,909 --> 00:56:31,269
memories what it were they putting

1376
00:56:29,590 --> 00:56:33,640
pieces together didn't necessarily work

1377
00:56:31,269 --> 00:56:36,159
yeah yes which is which is what happened

1378
00:56:33,639 --> 00:56:39,129
for the whole area 51 excuse me the

1379
00:56:36,159 --> 00:56:43,059
whole Roswell alien crash story was

1380
00:56:39,130 --> 00:56:45,809
basically memories of one man over a

1381
00:56:43,059 --> 00:56:49,000
period of something like 20 years yeah

1382
00:56:45,809 --> 00:56:51,039
20 years later after that he was

1383
00:56:49,000 --> 00:56:52,389
compelled by a reporter to try and put

1384
00:56:51,039 --> 00:56:53,920
together a nice together maybe

1385
00:56:52,389 --> 00:56:56,319
completely different than the original

1386
00:56:53,920 --> 00:56:57,880
story he gave wasn't it well that that's

1387
00:56:56,320 --> 00:57:00,039
what's fascinating is because the Air

1388
00:56:57,880 --> 00:57:01,750
Force when they received that Government

1389
00:57:00,039 --> 00:57:05,050
Accounting Office Freedom of Information

1390
00:57:01,750 --> 00:57:07,150
Act to investigate what actually

1391
00:57:05,050 --> 00:57:09,970
happened at Roswell they did in a

1392
00:57:07,150 --> 00:57:12,099
staggeringly thorough job and they went

1393
00:57:09,969 --> 00:57:14,529
through all of this one doctors memories

1394
00:57:12,099 --> 00:57:16,150
and they came up with what he was

1395
00:57:14,530 --> 00:57:17,890
probably remembering for every single

1396
00:57:16,150 --> 00:57:20,170
one of them and it's a fascinating

1397

00:57:17,889 --> 00:57:22,659
history you learn a lot of

1398
00:57:20,170 --> 00:57:24,099
really why episodes that you end up

1399
00:57:22,659 --> 00:57:25,960
learning things that no one ever

1400
00:57:24,099 --> 00:57:30,068
considered it's way more interesting

1401
00:57:25,960 --> 00:57:32,679
than some weird like story chocolate

1402
00:57:30,068 --> 00:57:34,690
truth is the truth is weirder yeah I

1403
00:57:32,679 --> 00:57:36,219
mean sometimes even sometimes even the

1404
00:57:34,690 --> 00:57:38,530
truth isn't the truth like I remember

1405
00:57:36,219 --> 00:57:40,929
you did about the was a frogs falling

1406
00:57:38,530 --> 00:57:43,569
from the sky and how even like news and

1407
00:57:40,929 --> 00:57:45,129
scientists completely got it wrong yeah

1408
00:57:43,568 --> 00:57:46,480
yeah I love listening to your episode

1409
00:57:45,130 --> 00:57:48,608
about the Fatima miracle because that

1410
00:57:46,480 --> 00:57:50,199
was one of the things that I was really

1411
00:57:48,608 --> 00:57:52,179

mystified by that was any one of your

1412

00:57:50,199 --> 00:57:54,250
first ones I listened to and and I

1413

00:57:52,179 --> 00:57:56,139
remember correctly like the main thing

1414

00:57:54,250 --> 00:57:58,588
being the like all the reporters

1415

00:57:56,139 --> 00:58:01,088
descriptions were like so wildly

1416

00:57:58,588 --> 00:58:03,039
different if I remember that was like

1417

00:58:01,088 --> 00:58:04,568
one of the main yeah I would say the

1418

00:58:03,039 --> 00:58:08,079
interesting thing that I learned about

1419

00:58:04,568 --> 00:58:09,460
that is that the popular version of the

1420

00:58:08,079 --> 00:58:11,190
Fatima miracle and for anyone who's

1421

00:58:09,460 --> 00:58:14,260
listening with that what this was was

1422

00:58:11,190 --> 00:58:16,269
three young kids in Spain and I think it

1423

00:58:14,260 --> 00:58:17,650
was the 1920s I might be wrong about

1424

00:58:16,269 --> 00:58:19,630
that really something like that okay

1425

00:58:17,650 --> 00:58:22,510
they predicted that there was going to

1426
00:58:19,630 --> 00:58:24,700
be some miraculous event and lots of

1427
00:58:22,510 --> 00:58:26,349
these hills Italian people turned up

1428
00:58:24,699 --> 00:58:28,719
yeah yeah and they said basically this

1429
00:58:26,349 --> 00:58:31,450
the Sun went into some spinning dance up

1430
00:58:28,719 --> 00:58:33,068
in the sky so that's the popular version

1431
00:58:31,449 --> 00:58:34,989
of the story that we know now and that

1432
00:58:33,068 --> 00:58:37,719
many Catholics believe and accept as a

1433
00:58:34,989 --> 00:58:40,269
genuine miracle and it turns out that

1434
00:58:37,719 --> 00:58:42,459
every pretty much everything that's

1435
00:58:40,269 --> 00:58:45,838
known about what happened that day is

1436
00:58:42,460 --> 00:58:48,159
now the result of one Catholic

1437
00:58:45,838 --> 00:58:50,199
researcher who was commissioned by the

1438
00:58:48,159 --> 00:58:52,750
church to put together all the evidence

1439
00:58:50,199 --> 00:58:55,689
in favor of this being a miracle and so

1440
00:58:52,750 --> 00:58:57,460
it was extraordinarily cherry-picked he

1441
00:58:55,690 --> 00:58:59,710
interviewed thousands or hundreds of

1442
00:58:57,460 --> 00:59:02,108
people and included 10 of them in his

1443
00:58:59,710 --> 00:59:06,099
room like it was like the early days of

1444
00:59:02,108 --> 00:59:07,298
Wikipedia the one buddy not and that was

1445
00:59:06,099 --> 00:59:09,010
something that was a possible

1446
00:59:07,298 --> 00:59:11,650
explanation that I never consider my

1447
00:59:09,010 --> 00:59:13,359
nesting we tend to say oh well what

1448
00:59:11,650 --> 00:59:15,250
could it VIN was it an eclipse was it

1449
00:59:13,358 --> 00:59:17,289
something scientific effect that's

1450
00:59:15,250 --> 00:59:19,119
that's a big trip because someone will

1451
00:59:17,289 --> 00:59:21,099
tell you something amazing and you try

1452
00:59:19,119 --> 00:59:23,230
to rationalize it right and until we

1453
00:59:21,099 --> 00:59:24,730
look until what yang worth exactly what

1454

00:59:23,230 --> 00:59:26,710
they don't have enough evidence to

1455
00:59:24,730 --> 00:59:29,230
you have like a little machine up pops

1456
00:59:26,710 --> 00:59:31,119
only into your brain and you go down so

1457
00:59:29,230 --> 00:59:33,400
many dead Ali's doing that and make

1458
00:59:31,119 --> 00:59:34,779
yourself look foolish huh and in captain

1459
00:59:33,400 --> 00:59:37,030
disillusion has a good episode about

1460
00:59:34,780 --> 00:59:38,800
that because he has this weird someone

1461
00:59:37,030 --> 00:59:41,230
sent him a video of it looks like a

1462
00:59:38,800 --> 00:59:43,539
watermelon with legs wearing a cape

1463
00:59:41,230 --> 00:59:45,670
learning across a field at night yeah

1464
00:59:43,539 --> 00:59:47,679
the thing is it's like a security cam

1465
00:59:45,670 --> 00:59:50,950
akata and then somebody else filmed it

1466
00:59:47,679 --> 00:59:53,769
filmed a TV screen playing that with the

1467
00:59:50,949 --> 00:59:56,139
video camera and then that was projected

1468
00:59:53,769 --> 00:59:59,199

onto something else so it's so fuzzy and

1469

00:59:56,139 --> 01:00:00,789

weird orded you can't he said I can't

1470

00:59:59,199 --> 01:00:02,559

drug he just captain disillusion just

1471

01:00:00,789 --> 01:00:04,449

admit anything I can't draw a conclusion

1472

01:00:02,559 --> 01:00:07,690

about this video because I don't have

1473

01:00:04,449 --> 01:00:09,219

any evidence it's so blurry hmm so I'm

1474

01:00:07,690 --> 01:00:10,960

not going to draw any conclusions at all

1475

01:00:09,219 --> 01:00:12,369

about I can't say if it's fake or real i

1476

01:00:10,960 --> 01:00:13,990

would say what that's good that's good

1477

01:00:12,369 --> 01:00:16,719

yeah and that's and that's the answer to

1478

01:00:13,989 --> 01:00:18,849

your question Rachel we just think of so

1479

01:00:16,719 --> 01:00:21,219

many of these yeah we just and I think

1480

01:00:18,849 --> 01:00:23,139

for me it's it's also like I went

1481

01:00:21,219 --> 01:00:25,989

through a period of time where I was

1482

01:00:23,139 --> 01:00:28,210

like really I was raised kind of like

1483
01:00:25,989 --> 01:00:30,699
agnostic Jewish and like when I was like

1484
01:00:28,210 --> 01:00:31,960
14 15 I realized that a lot of my

1485
01:00:30,699 --> 01:00:33,219
Christian friends believed I was going

1486
01:00:31,960 --> 01:00:35,800
to hell I kinda like didn't realize that

1487
01:00:33,219 --> 01:00:37,539
so for my teens it been sent me on kind

1488
01:00:35,800 --> 01:00:38,950
of this religious crisis where I was

1489
01:00:37,539 --> 01:00:41,320
really worried that I was wrong that I

1490
01:00:38,949 --> 01:00:43,119
was coming hell so any sort of like kind

1491
01:00:41,320 --> 01:00:44,289
of mysterious phenomena that involves

1492
01:00:43,119 --> 01:00:45,819
anything religious I've always been

1493
01:00:44,289 --> 01:00:47,199
really fascinated by because it tapped

1494
01:00:45,820 --> 01:00:49,300
into my secret fear that I've made the

1495
01:00:47,199 --> 01:00:50,649
wrong religious decision muwah and then

1496
01:00:49,300 --> 01:00:52,450
I'm gonna burn in hell and then I'm

1497
01:00:50,650 --> 01:00:55,389
gonna really regret it it taps into this

1498
01:00:52,449 --> 01:00:57,189
like very deep paranoia that I have Wow

1499
01:00:55,389 --> 01:00:59,829
yeah well i don't think your along with

1500
01:00:57,190 --> 01:01:01,210
that yeah a lot of people that plagues a

1501
01:00:59,829 --> 01:01:03,039
lot of people and therefore it's much

1502
01:01:01,210 --> 01:01:05,800
easier just to stay where you're at yeah

1503
01:01:03,039 --> 01:01:09,389
because you know it protects you in both

1504
01:01:05,800 --> 01:01:12,400
ways really you think about it ya know

1505
01:01:09,389 --> 01:01:14,769
it's still terrified all right the

1506
01:01:12,400 --> 01:01:17,410
conversation in this tub is as deep as

1507
01:01:14,769 --> 01:01:21,219
well it's not that deep actually my

1508
01:01:17,409 --> 01:01:23,699
kinky but the water thinks it's deep it

1509
01:01:21,219 --> 01:01:25,869
is rise but was it for your knees I'd be

1510
01:01:23,699 --> 01:01:28,399
Irish I know you guys might go out of

1511

01:01:25,869 --> 01:01:31,038
his so much better

1512
01:01:28,400 --> 01:01:33,740
what a guy did you I yeah we should be

1513
01:01:31,039 --> 01:01:36,380
so my science teacher yesterday about

1514
01:01:33,739 --> 01:01:40,608
the correlation between kinetic energy

1515
01:01:36,380 --> 01:01:43,579
and force how do you stumped good car I

1516
01:01:40,608 --> 01:01:46,519
was confused because motion but yet

1517
01:01:43,579 --> 01:01:48,680
forest is also motion in the motion is

1518
01:01:46,519 --> 01:01:52,309
motion and at least know so that's why

1519
01:01:48,679 --> 01:01:54,288
she's going to be fresh I because you

1520
01:01:52,309 --> 01:01:56,960
could answer the the science questions

1521
01:01:54,289 --> 01:02:00,890
for that it was the science pol science

1522
01:01:56,960 --> 01:02:03,079
debate 2012 do you thank you thank you

1523
01:02:00,889 --> 01:02:05,568
Morse is equal to motion is agreed i

1524
01:02:03,079 --> 01:02:08,720
want to give one shout out yeah give a

1525
01:02:05,568 --> 01:02:10,670

shout out to to my my bromance gabriel

1526

01:02:08,719 --> 01:02:15,649
chalice if you're out there you're

1527

01:02:10,670 --> 01:02:17,568
probably shirtless like i am that was a

1528

01:02:15,650 --> 01:02:19,338
good shout out thank you babe that was a

1529

01:02:17,568 --> 01:02:22,519
good shut up thank you all for coming

1530

01:02:19,338 --> 01:02:24,440
along to this first episode of 2012 hot

1531

01:02:22,519 --> 01:02:28,809
tub will be making you next week for

1532

01:02:24,440 --> 01:02:28,809
another one i'm flying back especially

1533

01:02:28,960 --> 01:02:33,048
but i want to thank what where's where r

1534

01:02:31,460 --> 01:02:36,470
clinking glasses we must clink our

1535

01:02:33,048 --> 01:02:41,929
glasses great and i think brian dunning

1536

01:02:36,469 --> 01:02:44,179
is now selling tickets to the next week

1537

01:02:41,929 --> 01:02:47,449
so from the hot tub of truth in Southern

1538

01:02:44,179 --> 01:02:51,038
California at the sceptile headquarters

1539

01:02:47,449 --> 01:02:51,038
cheers everybody yeah

1540
01:03:12,099 --> 01:03:16,039
thank you for listening to the skeptic

1541
01:03:14,570 --> 01:03:18,200
zone what an interesting show it was

1542
01:03:16,039 --> 01:03:19,849
this week next week I'm back in

1543
01:03:18,199 --> 01:03:21,799
Australia not sure what I'll be doing

1544
01:03:19,849 --> 01:03:24,230
but i'll be back in australia but we do

1545
01:03:21,800 --> 01:03:26,330
have another hot tub of truth coming up

1546
01:03:24,230 --> 01:03:28,099
and in the coming weeks we'll be giving

1547
01:03:26,329 --> 01:03:31,369
you some more hints about some exciting

1548
01:03:28,099 --> 01:03:33,319
news from a skip toy podcast stay tuned

1549
01:03:31,369 --> 01:03:35,449
for that but for now from wonderful

1550
01:03:33,320 --> 01:03:37,460
beautiful Southern California in the

1551
01:03:35,449 --> 01:03:39,829
very studio where Brian Dunning does his

1552
01:03:37,460 --> 01:03:45,889
skipped I'd episodes this is Richard

1553
01:03:39,829 --> 01:03:49,190
Saunders signing off you've been

1554
01:03:45,889 --> 01:03:53,690
listening to the skeptic zone visit our

1555
01:03:49,190 --> 01:03:56,179
website at [www.skeptics on TV](http://www.skepticsontv.com) for

1556
01:03:53,690 --> 01:03:58,809
comments contacts and extra video

1557
01:03:56,179 --> 01:03:58,809
reports

1558
01:04:01,929 --> 01:04:03,960
Oh