

1
00:00:05,950 --> 00:00:13,679
welcome to the skeptic zone the podcast

2
00:00:09,099 --> 00:00:13,679
from Australia for science and reason

3
00:00:22,679 --> 00:00:28,390
welcome to the skeptics zone episode 2

4
00:00:25,989 --> 00:00:30,129
99 I know I've been hijacked it's

5
00:00:28,390 --> 00:00:32,200
Richard Saunders here with Evan

6
00:00:30,129 --> 00:00:34,810
Bernstein and Bob novella all the way

7
00:00:32,200 --> 00:00:37,630
from Las Vegas at the amazing meeting hi

8
00:00:34,810 --> 00:00:40,600
guys hello hey Richard hey it's the

9
00:00:37,630 --> 00:00:43,179
skeptic zone meets s to you again and we

10
00:00:40,600 --> 00:00:46,000
love it I love always it's a meeting of

11
00:00:43,179 --> 00:00:47,558
the minds a wonderful time and I'm not

12
00:00:46,000 --> 00:00:49,869
wearing your Ain no you're wearing your

13
00:00:47,558 --> 00:00:52,419
own t-shirt yes but this year the the

14
00:00:49,869 --> 00:00:54,640
logo of Tam is a brain there it is over

15
00:00:52,420 --> 00:00:56,230
there on the on the poster somebody came

16
00:00:54,640 --> 00:00:58,899
up to me and said oh wow they made an

17
00:00:56,229 --> 00:01:01,988
origami brain this year it does all the

18
00:00:58,899 --> 00:01:04,480
holes and corners of an origami piece so

19
00:01:01,988 --> 00:01:06,370
how is life at the skeptics guide to the

20
00:01:04,480 --> 00:01:08,380
universe I life is great we're

21
00:01:06,370 --> 00:01:10,840
continuing to roll along with all of our

22
00:01:08,379 --> 00:01:12,399
obviously weekly episodes and upcoming

23
00:01:10,840 --> 00:01:15,070
trips that will be making I've heard of

24
00:01:12,400 --> 00:01:17,530
your show I forget what number we're up

25
00:01:15,069 --> 00:01:18,849
to now I'd lost count were 70 will be

26
00:01:17,530 --> 00:01:21,189
coming out this week out there just

27
00:01:18,849 --> 00:01:25,059
gloating folks just 59 still pretty good

28
00:01:21,189 --> 00:01:27,968
though I'm on my way you know I'm on my

29

00:01:25,060 --> 00:01:29,978
way but you guys love coming to these

30
00:01:27,968 --> 00:01:31,539
things as much as I do I guess it I look

31
00:01:29,978 --> 00:01:33,789
forward to it every year I love seeing

32
00:01:31,540 --> 00:01:35,920
all you know the old friends new friends

33
00:01:33,790 --> 00:01:37,899
made a new friend I love the south point

34
00:01:35,920 --> 00:01:39,939
I love Vegas it's always a blast I this

35
00:01:37,899 --> 00:01:41,950
is sad to go every year it's very sad I

36
00:01:39,938 --> 00:01:43,328
have to leave right yeah you got to

37
00:01:41,950 --> 00:01:44,769
leave at some stage though there goes

38
00:01:43,328 --> 00:01:46,599
change the fella look at him stalking

39
00:01:44,769 --> 00:01:48,640
down the hall don't make eye contact

40
00:01:46,599 --> 00:01:50,228
he's going for the coffee he's picking

41
00:01:48,640 --> 00:01:54,099
up the cup right now coffee's being

42
00:01:50,228 --> 00:01:56,349
bored yes it seems to be decaf Oh tells

43
00:01:54,099 --> 00:01:58,509

us what's going on now the big news in

44

00:01:56,349 --> 00:02:00,038

the zone listen as well know is you guys

45

00:01:58,509 --> 00:02:02,140

are gonna be in Australia in November

46

00:02:00,039 --> 00:02:05,439

and New Zealand is that true that's

47

00:02:02,140 --> 00:02:06,939

correct wow I am so excited I loved it

48

00:02:05,438 --> 00:02:08,590

when we went how long was it almost four

49

00:02:06,938 --> 00:02:10,538

years ago now four years ago that's

50

00:02:08,590 --> 00:02:12,729

great today one of my favorite trip of

51

00:02:10,538 --> 00:02:14,500

all time and I love putting in I love

52

00:02:12,729 --> 00:02:15,699

putting into security guy application

53

00:02:14,500 --> 00:02:17,289

word says what's the farthest you've

54

00:02:15,699 --> 00:02:19,359

been from home and I always put in

55

00:02:17,289 --> 00:02:21,709

Australia

56

00:02:19,360 --> 00:02:23,360

absolutely we are look we're so looking

57

00:02:21,710 --> 00:02:25,909

forward to this we wanted to come back

58
00:02:23,360 --> 00:02:27,140
ever since our initial trip in 2010 and

59
00:02:25,909 --> 00:02:29,180
we're making good on that promise I

60
00:02:27,139 --> 00:02:31,189
don't believe it's it's the years have

61
00:02:29,180 --> 00:02:32,450
gone by since that trip because we're

62
00:02:31,189 --> 00:02:34,520
all looking forward to it and playing

63
00:02:32,449 --> 00:02:36,560
pour it in and it worked really well and

64
00:02:34,520 --> 00:02:40,189
suddenly it's what four years ago almost

65
00:02:36,560 --> 00:02:41,390
it's it went so fast it went so fast and

66
00:02:40,189 --> 00:02:43,069
you know we'll be having our families

67
00:02:41,389 --> 00:02:44,208
with us you'll see you come out and see

68
00:02:43,069 --> 00:02:45,739
us you know we'll have our kids with us

69
00:02:44,209 --> 00:02:47,479
you saw them to smaller kids but now you

70
00:02:45,740 --> 00:02:49,370
see more years later that will really be

71
00:02:47,479 --> 00:02:52,219
telling about you know how long ago it

72
00:02:49,370 --> 00:02:53,629
was well that's fantastic the skeptics

73
00:02:52,219 --> 00:02:55,340
guide the universe back in Sydney

74
00:02:53,629 --> 00:02:56,810
Australia for our national convention

75
00:02:55,340 --> 00:02:59,150
November all looking forward to that on

76
00:02:56,810 --> 00:03:00,890
this week's show gentlemen I must tell

77
00:02:59,150 --> 00:03:02,659
you we have an interview of sharon hill

78
00:03:00,889 --> 00:03:04,069
and an interview with georgia Rob we

79
00:03:02,659 --> 00:03:05,359
have a week in science from our good

80
00:03:04,069 --> 00:03:10,039
friends at the Royal Institution of

81
00:03:05,360 --> 00:03:13,459
Australia wwii aus ogu and other bits

82
00:03:10,039 --> 00:03:15,319
and pieces from this amazing meeting how

83
00:03:13,459 --> 00:03:18,349
about that sounds fantastic i'll be

84
00:03:15,319 --> 00:03:20,090
listening absolutely Sharon Geo Richard

85
00:03:18,349 --> 00:03:21,379
Saunders I mean it doesn't get much

86

00:03:20,090 --> 00:03:23,330
better than that and get much better

87
00:03:21,379 --> 00:03:25,069
better now while I run downstairs and

88
00:03:23,330 --> 00:03:26,959
see if I can find some Australian coffee

89
00:03:25,069 --> 00:03:29,689
hang on what you've had some Australian

90
00:03:26,959 --> 00:03:30,920
coffee I yes we had it every morning and

91
00:03:29,689 --> 00:03:32,780
I miss it and that's one of the things

92
00:03:30,919 --> 00:03:34,879
I'm most looking forward to when I get

93
00:03:32,780 --> 00:03:36,890
over the net the most but it's on that

94
00:03:34,879 --> 00:03:38,629
top 10 list i loved it can't wait for it

95
00:03:36,889 --> 00:03:43,339
someone tried to give me civet coffee

96
00:03:38,629 --> 00:03:45,620
once but not exactly my my taste good

97
00:03:43,340 --> 00:03:48,019
google it civet coffee I tell you what

98
00:03:45,620 --> 00:03:49,700
we'll all go downstairs and find some

99
00:03:48,019 --> 00:03:51,799
real australian coffee and we'll let

100
00:03:49,699 --> 00:03:54,399

everybody enjoy the Skip Dixon let's do

101

00:03:51,799 --> 00:03:54,400

it do it

102

00:04:08,449 --> 00:04:16,180

what we want is some more evidence

103

00:04:10,969 --> 00:04:16,180

please is Joe alabaster

104

00:04:19,858 --> 00:04:25,939

hello this is Joe alabaster

105

00:04:23,829 --> 00:04:28,399

fantastic news out of Queensland this

106

00:04:25,939 --> 00:04:30,500

week on July the 9th Premier Campbell

107

00:04:28,399 --> 00:04:32,478

Newman and health minister Lawrence

108

00:04:30,500 --> 00:04:34,339

Springborg announced that Queensland

109

00:04:32,478 --> 00:04:37,009

will be providing a freak whooping cough

110

00:04:34,339 --> 00:04:38,719

also known as pertussis vaccination for

111

00:04:37,009 --> 00:04:41,839

women in their third trimester of

112

00:04:38,720 --> 00:04:44,510

pregnancy this has come after all states

113

00:04:41,839 --> 00:04:45,888

but not the Northern Territory went back

114

00:04:44,509 --> 00:04:48,740

the provision of free whooping cough

115
00:04:45,889 --> 00:04:50,269
vaccines for parents in 2012 a move

116
00:04:48,740 --> 00:04:51,978
which disappointed advocates for

117
00:04:50,269 --> 00:04:54,560
immunization and whooping cough

118
00:04:51,978 --> 00:04:56,839
awareness including parents medical

119
00:04:54,560 --> 00:04:58,220
professionals and the general public who

120
00:04:56,839 --> 00:05:01,879
have campaigned for better access to

121
00:04:58,220 --> 00:05:03,470
whooping cough vaccine since newborn

122
00:05:01,879 --> 00:05:05,050
babies are particularly vulnerable to

123
00:05:03,470 --> 00:05:07,010
both contracting whooping cough and

124
00:05:05,050 --> 00:05:09,579
experiencing the worst effects of this

125
00:05:07,009 --> 00:05:12,199
disease serious illness and tragic death

126
00:05:09,579 --> 00:05:14,389
the Australian vaccination schedule

127
00:05:12,199 --> 00:05:16,250
recommends that babies receive a three

128
00:05:14,389 --> 00:05:18,860
dose primary schedule of pertussis

129
00:05:16,250 --> 00:05:21,500
containing vaccine at two four and six

130
00:05:18,860 --> 00:05:23,780
months of age for the initial dose can

131
00:05:21,500 --> 00:05:26,600
be shifted to six weeks to offer partial

132
00:05:23,779 --> 00:05:28,459
protection to infants previously

133
00:05:26,600 --> 00:05:30,530
whooping cough vaccines were provided

134
00:05:28,459 --> 00:05:32,659
postpartum to mothers who had not been

135
00:05:30,529 --> 00:05:35,598
recently immunized as part of a strategy

136
00:05:32,660 --> 00:05:37,189
dubbed cocooning cocooning aims to

137
00:05:35,598 --> 00:05:39,439
protect those in close contact with

138
00:05:37,189 --> 00:05:41,240
newborns in order to reduce potential

139
00:05:39,439 --> 00:05:43,189
exposure to newborns themselves

140
00:05:41,240 --> 00:05:45,769
cocooning could extend to parents and

141
00:05:43,189 --> 00:05:47,860
caregivers siblings grandparents and

142
00:05:45,769 --> 00:05:50,329
others in contact with infants

143

00:05:47,860 --> 00:05:52,370
postpartum immunisation from others who

144
00:05:50,329 --> 00:05:54,259
didn't have whooping cough immunity did

145
00:05:52,370 --> 00:05:56,598
unfortunately leave a window of time

146
00:05:54,259 --> 00:05:58,189
during pregnancy and immediately after

147
00:05:56,598 --> 00:05:59,779
birth in which the mother was not

148
00:05:58,189 --> 00:06:02,060
immunized and at risk of contracting

149
00:05:59,779 --> 00:06:04,069
whooping cough and potentially passing

150
00:06:02,060 --> 00:06:06,139
it on to her newborn but cocooning was

151
00:06:04,069 --> 00:06:08,209
still an effective strategy and access

152
00:06:06,139 --> 00:06:11,120
to a postpartum vaccine offered more

153
00:06:08,209 --> 00:06:12,829
protection than no vaccine at all the

154
00:06:11,120 --> 00:06:14,720
new approach mentioned in the newest

155
00:06:12,829 --> 00:06:17,079
edition of the Australian immunization

156
00:06:14,720 --> 00:06:19,130
handbook released in january 2014

157
00:06:17,079 --> 00:06:20,839

recommends that pregnant women may

158

00:06:19,129 --> 00:06:23,439

receive a whooping cough vaccine during

159

00:06:20,839 --> 00:06:26,209

their third trimester of pregnancy a

160

00:06:23,439 --> 00:06:28,668

u.s. modeling study has concluded the

161

00:06:26,209 --> 00:06:31,279

immunization during pregnancy offers

162

00:06:28,668 --> 00:06:32,990

protection to newborns in two ways by

163

00:06:31,279 --> 00:06:34,908

removing the window of time in which a

164

00:06:32,990 --> 00:06:36,829

mother is unvaccinated during pregnancy

165

00:06:34,908 --> 00:06:38,779

and after their baby is born

166

00:06:36,829 --> 00:06:40,609

and by protecting against infection by a

167

00:06:38,779 --> 00:06:43,549

placental transfer of maternal

168

00:06:40,610 --> 00:06:45,439

antibodies Australian experts say

169

00:06:43,550 --> 00:06:46,819

pertussis vaccination in pregnancy is

170

00:06:45,439 --> 00:06:48,589

likely to be more effective than

171

00:06:46,819 --> 00:06:50,060

postpartum vaccination and it's

172
00:06:48,589 --> 00:06:52,579
wonderful news that Queensland is

173
00:06:50,060 --> 00:06:53,990
implementing this strategy I'd like to

174
00:06:52,579 --> 00:06:56,659
read a letter to the New South Wales

175
00:06:53,990 --> 00:06:58,910
premier Mike bed and health minister

176
00:06:56,660 --> 00:07:01,550
Jillian Skinner composed by Heidi

177
00:06:58,910 --> 00:07:03,290
Robertson and Alison Gaylord on behalf

178
00:07:01,550 --> 00:07:06,650
of the Northern Rivers vaccination

179
00:07:03,290 --> 00:07:08,750
supporters nrvs or a rather amazing

180
00:07:06,649 --> 00:07:10,310
group of concerned community members who

181
00:07:08,750 --> 00:07:12,470
live in the northern rivers region of

182
00:07:10,310 --> 00:07:14,300
New South Wales an area with one of the

183
00:07:12,470 --> 00:07:16,730
lowest childhood vaccination rates in

184
00:07:14,300 --> 00:07:18,350
the country they'll come together due to

185
00:07:16,730 --> 00:07:20,180
a shared interest in increasing the

186
00:07:18,350 --> 00:07:21,820
immunization rates in their community

187
00:07:20,180 --> 00:07:24,319
and if so far accomplished a great deal

188
00:07:21,819 --> 00:07:26,360
liaising with local health practitioners

189
00:07:24,319 --> 00:07:28,579
politicians and the media providing

190
00:07:26,360 --> 00:07:30,199
support for pro vaccine parents in an

191
00:07:28,579 --> 00:07:32,870
area with many who are anti-vaccination

192
00:07:30,199 --> 00:07:35,959
and establishing a visible presence in

193
00:07:32,870 --> 00:07:37,459
their local community Alison Gaylord one

194
00:07:35,959 --> 00:07:39,829
of the authors of this letter will be

195
00:07:37,459 --> 00:07:41,989
giving a talk on nrvs at Brisbane

196
00:07:39,829 --> 00:07:43,279
skeptical camp next weekend and I very

197
00:07:41,990 --> 00:07:44,629
much look forward to catching up with

198
00:07:43,279 --> 00:07:49,369
her and bringing you more information

199
00:07:44,629 --> 00:07:52,879
over the coming weeks quote wednesday

200

00:07:49,370 --> 00:07:55,459
nights July 2014 their premier bird and

201
00:07:52,879 --> 00:07:57,259
miss Skinner we write with regards to

202
00:07:55,459 --> 00:07:59,539
the initiative announced by Queensland

203
00:07:57,259 --> 00:08:02,990
Premier Campbell Newman this morning 9th

204
00:07:59,540 --> 00:08:04,850
July 2014 premier Newman revealed that

205
00:08:02,990 --> 00:08:07,310
Queensland Health will be funding a free

206
00:08:04,850 --> 00:08:08,840
pertussis whooping cough vaccine for

207
00:08:07,310 --> 00:08:11,750
women in their third trimester of

208
00:08:08,839 --> 00:08:13,310
pregnancy we sincerely hope that New

209
00:08:11,750 --> 00:08:15,829
South Wales will follow suit with this

210
00:08:13,310 --> 00:08:17,509
initiative it is of course based on the

211
00:08:15,829 --> 00:08:19,759
latest research and evidence which

212
00:08:17,509 --> 00:08:21,860
states that the pertussis vaccine given

213
00:08:19,759 --> 00:08:23,719
in the third trimester is very effective

214
00:08:21,860 --> 00:08:25,400

at protecting a newborn baby during

215

00:08:23,720 --> 00:08:27,200

those crucial first two months before

216

00:08:25,399 --> 00:08:29,959

they can receive their first pertussis

217

00:08:27,199 --> 00:08:31,610

vaccine mothers-to-be are also protected

218

00:08:29,959 --> 00:08:34,069

from pertussis with this initiative

219

00:08:31,610 --> 00:08:36,919

which of course reduces the chances of

220

00:08:34,070 --> 00:08:38,690

transmission to the baby mothers often

221

00:08:36,919 --> 00:08:40,669

being the primary care giver of the baby

222

00:08:38,690 --> 00:08:42,770

are in close physical proximity on a

223

00:08:40,669 --> 00:08:44,689

24-hour basis and are often

224

00:08:42,769 --> 00:08:46,730

inadvertently responsible for passing

225

00:08:44,690 --> 00:08:49,760

this potentially deadly infection onto

226

00:08:46,730 --> 00:08:51,920

their babies losing a baby to pertussis

227

00:08:49,759 --> 00:08:54,200

a vaccine preventable disease is of

228

00:08:51,919 --> 00:08:55,490

course devastating the economic costs to

229
00:08:54,200 --> 00:08:57,620
the government will also be greatly

230
00:08:55,490 --> 00:08:59,629
reduced if less infants need to be

231
00:08:57,620 --> 00:09:02,480
hospitalized in pediatric intensive care

232
00:08:59,629 --> 00:09:04,070
units over nine out of ten babies under

233
00:09:02,480 --> 00:09:06,139
three months of age need to be

234
00:09:04,070 --> 00:09:08,570
hospitalized as a result of contracting

235
00:09:06,139 --> 00:09:10,990
pertussis please consider following

236
00:09:08,570 --> 00:09:14,000
Queensland in this important endeavor

237
00:09:10,990 --> 00:09:16,279
regards Heidi Robertson and Alison

238
00:09:14,000 --> 00:09:19,990
Gaylord acting on behalf of Northern

239
00:09:16,279 --> 00:09:22,459
Rivers vaccination supporters end quote

240
00:09:19,990 --> 00:09:24,139
hopefully Queensland's new policy will

241
00:09:22,460 --> 00:09:26,000
pave the way for other Australian states

242
00:09:24,139 --> 00:09:28,279
and territories to institute similar

243
00:09:26,000 --> 00:09:30,350
schemes allowing families better access

244
00:09:28,279 --> 00:09:32,409
to a measure which can protect newborns

245
00:09:30,350 --> 00:09:34,460
from illness disability and death

246
00:09:32,409 --> 00:09:36,709
Australian listeners if you're so

247
00:09:34,460 --> 00:09:38,240
inclined please consider writing to and

248
00:09:36,710 --> 00:09:40,340
or tweeting your state or territory

249
00:09:38,240 --> 00:09:42,409
leaders health ministers and shadow

250
00:09:40,340 --> 00:09:44,450
health ministers to let them know that

251
00:09:42,409 --> 00:09:45,919
there is high community support for the

252
00:09:44,450 --> 00:09:48,530
provision of free whooping cough

253
00:09:45,919 --> 00:09:50,779
vaccines for pregnant women have listed

254
00:09:48,529 --> 00:09:52,819
contact details and Twitter accounts for

255
00:09:50,779 --> 00:09:55,039
state and territory leaders in a post on

256
00:09:52,820 --> 00:09:57,890
this topic on my blog at evidence please

257

00:09:55,039 --> 00:10:02,589
net I've been tweeting using the hashtag

258
00:09:57,889 --> 00:10:02,590
free whooping cough facts thank you

259
00:10:11,519 --> 00:10:16,329
welcome to a week in science from our

260
00:10:14,080 --> 00:10:18,670
iOS bringing you the science you need to

261
00:10:16,330 --> 00:10:20,980
know cottage cheese are orange peel

262
00:10:18,669 --> 00:10:23,169
whatever you call it dreaded cellulite

263
00:10:20,980 --> 00:10:25,389
is seemingly inevitable particularly for

264
00:10:23,169 --> 00:10:28,439
women so what is it and what actually

265
00:10:25,389 --> 00:10:28,439
works to get rid of it

266
00:10:29,629 --> 00:10:34,529
layers of fat under our skin are held in

267
00:10:32,639 --> 00:10:37,319
chambers of connective tissue mainly

268
00:10:34,529 --> 00:10:39,059
collagen as collagen breaks down the fat

269
00:10:37,320 --> 00:10:41,430
cells can push through creating that

270
00:10:39,059 --> 00:10:43,859
trademark bumpiness increases in the

271
00:10:41,429 --> 00:10:45,929

hormone estrogen during pregnancy and at

272

00:10:43,860 --> 00:10:48,300

points during a woman's menstrual cycle

273

00:10:45,929 --> 00:10:50,579

promotes fat storage particularly around

274

00:10:48,299 --> 00:10:53,250

the butt and thighs so those chambers

275

00:10:50,580 --> 00:10:55,230

are pushed to their limits plus estrogen

276

00:10:53,250 --> 00:10:57,710

breaks down collagen great for relaxing

277

00:10:55,230 --> 00:11:00,509

birth canal felt very bad for cellulite

278

00:10:57,710 --> 00:11:03,090

unfairly cellulite only appears in about

279

00:11:00,509 --> 00:11:05,039

ten percent of men while women's fat

280

00:11:03,090 --> 00:11:06,990

chambers are built like columns men's a

281

00:11:05,039 --> 00:11:09,839

crisscross like mesh making them better

282

00:11:06,990 --> 00:11:11,639

at holding fat in place plus men have

283

00:11:09,840 --> 00:11:15,800

lower fat percentages in the first place

284

00:11:11,639 --> 00:11:18,360

and thicker skin to mask little bumps

285

00:11:15,799 --> 00:11:20,699

lots of therapies claim to treat

286
00:11:18,360 --> 00:11:22,769
cellulite but most of the evidence for

287
00:11:20,700 --> 00:11:24,800
these is anecdotal all sofa cysts

288
00:11:22,769 --> 00:11:27,419
meaning it could be a placebo effect

289
00:11:24,799 --> 00:11:29,969
beauty creams are popular but there's no

290
00:11:27,419 --> 00:11:31,620
evidence that they work massage and

291
00:11:29,970 --> 00:11:34,290
suction therapies are also widespread

292
00:11:31,620 --> 00:11:37,080
but the few independent studies into it

293
00:11:34,289 --> 00:11:38,969
show no tangible benefits besides diet

294
00:11:37,080 --> 00:11:41,160
and exercise the most promising

295
00:11:38,970 --> 00:11:44,240
treatment seems to be laser or shockwave

296
00:11:41,159 --> 00:11:46,949
therapy laser uses radiofrequency waves

297
00:11:44,240 --> 00:11:50,070
while shockwave therapy uses large

298
00:11:46,950 --> 00:11:52,410
amplitude quite noisy energy pulses in

299
00:11:50,070 --> 00:11:54,360
theory the energy pulses break up the

300
00:11:52,409 --> 00:11:56,730
connective tissue which then heels like

301
00:11:54,360 --> 00:11:58,800
a wound without the original weak points

302
00:11:56,730 --> 00:12:00,629
some small studies have shown a

303
00:11:58,799 --> 00:12:02,789
reduction in cellulite but this

304
00:12:00,629 --> 00:12:05,340
certainly isn't conclusive and could be

305
00:12:02,789 --> 00:12:08,139
a result of swelling and now for fast

306
00:12:05,340 --> 00:12:10,790
cellulite facts

307
00:12:08,139 --> 00:12:13,129
skinny women all forget cellulite

308
00:12:10,789 --> 00:12:15,319
because even they store fat around their

309
00:12:13,129 --> 00:12:17,689
thighs and bums but weight gain can

310
00:12:15,320 --> 00:12:19,910
definitely make it worse references to

311
00:12:17,690 --> 00:12:22,310
cellulite in scientific journals became

312
00:12:19,909 --> 00:12:23,809
common in the 70s the same time that

313
00:12:22,309 --> 00:12:26,719
women started wearing clothing that

314

00:12:23,809 --> 00:12:28,939
showed their upper legs liposuction is

315
00:12:26,720 --> 00:12:30,800
not a good idea for cellulite with many

316
00:12:28,940 --> 00:12:33,500
people reporting an increase in its

317
00:12:30,799 --> 00:12:35,569
appearance after treatment and there is

318
00:12:33,500 --> 00:12:37,820
now a genetic test to determine your

319
00:12:35,570 --> 00:12:39,920
cellulite risk but seeing as most women

320
00:12:37,820 --> 00:12:41,780
have it anyway it may not be worth the

321
00:12:39,919 --> 00:12:44,299
two hundred and fifty dollar price tag

322
00:12:41,779 --> 00:12:46,129
so if there is a cure it looks like we

323
00:12:44,299 --> 00:12:48,079
haven't found it yet that's it for this

324
00:12:46,129 --> 00:12:49,700
week in science if you want to get to

325
00:12:48,080 --> 00:12:53,259
the bottom of cellulite go to the

326
00:12:49,700 --> 00:12:56,360
Arielle's website RI aus org dot a you

327
00:12:53,259 --> 00:12:59,059
follow us on twitter at our iOS and like

328
00:12:56,360 --> 00:13:01,779

us on facebook i'm karen groom and we'll

329

00:12:59,059 --> 00:13:01,779

catch you next week

330

00:13:15,960 --> 00:13:22,030

who cares there speaks the voice of

331

00:13:19,809 --> 00:13:24,009

wisdom it's the first day of Tamriel II

332

00:13:22,029 --> 00:13:27,250

I think it's didn't yesterday I didn't

333

00:13:24,009 --> 00:13:30,370

come yes and no sort of i mean it's

334

00:13:27,250 --> 00:13:32,590

thursday morning it's half past seven

335

00:13:30,370 --> 00:13:34,120

i'm here at the australian skeptics

336

00:13:32,590 --> 00:13:36,280

table just sort of setting up not many

337

00:13:34,120 --> 00:13:38,679

people here yes tu ganga behind me

338

00:13:36,279 --> 00:13:41,019

they're trying to decide what ripped up

339

00:13:38,679 --> 00:13:42,459

all their shirts up oh no they're

340

00:13:41,019 --> 00:13:44,620

putting up all their shirts yeah and

341

00:13:42,460 --> 00:13:47,470

Larry setting up and I am with one of

342

00:13:44,620 --> 00:13:49,750

the men who kicked off skeptical

343
00:13:47,470 --> 00:13:52,690
podcasting really Derek Colin dunno hi

344
00:13:49,750 --> 00:13:55,149
Derek well it's me and Stephen the SU

345
00:13:52,690 --> 00:13:57,940
people we figured it out a couple years

346
00:13:55,149 --> 00:14:00,309
ago and sat down the skeptic ality had

347
00:13:57,940 --> 00:14:03,880
their first episode about six days

348
00:14:00,309 --> 00:14:06,399
before we had nothing to do it we touch

349
00:14:03,879 --> 00:14:07,870
her we with each other we had no idea we

350
00:14:06,399 --> 00:14:10,000
didn't know each other at all yeah it

351
00:14:07,870 --> 00:14:14,110
just happened to come out that way what

352
00:14:10,000 --> 00:14:15,490
you is that she was on 55 wow that's

353
00:14:14,110 --> 00:14:18,129
something i'm at the skeptic zone

354
00:14:15,490 --> 00:14:20,049
started in 2008 I was sort of doing bits

355
00:14:18,129 --> 00:14:21,490
and pieces before that you were doing

356
00:14:20,049 --> 00:14:24,039
the tank I was doing the tank before

357
00:14:21,490 --> 00:14:28,870
that and something else before that but

358
00:14:24,039 --> 00:14:30,639
really a weekly podcast the skipping

359
00:14:28,870 --> 00:14:32,230
zone didn't start till 2000 a and we

360
00:14:30,639 --> 00:14:33,939
kicked it off at DragonCon of course you

361
00:14:32,230 --> 00:14:36,519
did well you because I had it on the

362
00:14:33,940 --> 00:14:39,130
schedule that here as a tank did you

363
00:14:36,519 --> 00:14:40,720
just remember now it's too long ago yeah

364
00:14:39,129 --> 00:14:42,039
thousand tonight because you came he

365
00:14:40,720 --> 00:14:43,660
said by the way yeah we're probably

366
00:14:42,039 --> 00:14:45,909
going to change the name yes I'd never

367
00:14:43,659 --> 00:14:48,039
liked the name yeah so you and notice

368
00:14:45,909 --> 00:14:51,759
when you had that I think it's still the

369
00:14:48,039 --> 00:14:53,500
same theme song and uh actually no when

370
00:14:51,759 --> 00:14:55,529
when when we started the skeptic zone

371

00:14:53,500 --> 00:14:59,169
Stefan road the whole new themes and a

372
00:14:55,529 --> 00:15:01,659
song yeah i think the the old one was um

373
00:14:59,169 --> 00:15:03,309
no we had it there yeah yeah are they

374
00:15:01,659 --> 00:15:05,289
all the mists of time Derek I mean the

375
00:15:03,309 --> 00:15:07,719
second to be going for six years now so

376
00:15:05,289 --> 00:15:10,569
these little details beginning to get a

377
00:15:07,720 --> 00:15:11,540
bit fuzzy yeah and you guys obviously me

378
00:15:10,570 --> 00:15:14,389
and talking with

379
00:15:11,539 --> 00:15:16,189
arted our show it was weakly and now we

380
00:15:14,389 --> 00:15:18,889
joined with a skeptic magazine when I

381
00:15:16,190 --> 00:15:20,829
was back in thousand six or seven but

382
00:15:18,889 --> 00:15:23,269
skip akali kind of focus on the

383
00:15:20,828 --> 00:15:25,039
scientific side of skeptical stuff or

384
00:15:23,269 --> 00:15:28,669
the cultural side like art and science

385
00:15:25,039 --> 00:15:30,259

and and research now listen this might

386

00:15:28,669 --> 00:15:32,990

be wondering why you and I sounding and

387

00:15:30,259 --> 00:15:34,610

quite husky but I did because I rough

388

00:15:32,990 --> 00:15:38,720

this morning we see I grew up here in

389

00:15:34,610 --> 00:15:41,240

Las Vegas and I don't it I always forget

390

00:15:38,720 --> 00:15:43,759

every time come back smokey it is yeah

391

00:15:41,240 --> 00:15:45,680

the south point casino downstairs where

392

00:15:43,759 --> 00:15:47,209

the delmar appears appears fine

393

00:15:45,679 --> 00:15:50,809

visionary there's no smoking the

394

00:15:47,208 --> 00:15:52,369

downstairs it's yeah quite smoking and

395

00:15:50,809 --> 00:15:54,919

when you go down there and just

396

00:15:52,370 --> 00:15:57,198

socialize you know you can't help but no

397

00:15:54,919 --> 00:15:59,269

no well if anybody is it's not as but

398

00:15:57,198 --> 00:16:02,599

nowhere near bound downstairs as most of

399

00:15:59,269 --> 00:16:04,278

the hotels downtown this crap is about

400
00:16:02,600 --> 00:16:06,920
the same as this but if you go downtown

401
00:16:04,278 --> 00:16:09,318
where the real gambling joints are there

402
00:16:06,919 --> 00:16:11,059
really smoking yeah I don't know how

403
00:16:09,318 --> 00:16:14,240
long it'll be before that changes but

404
00:16:11,059 --> 00:16:17,388
this is Las Vegas well too I grew up

405
00:16:14,240 --> 00:16:19,190
here when I was a kid and there had

406
00:16:17,389 --> 00:16:21,139
there have been non-smoking hotel

407
00:16:19,190 --> 00:16:23,300
casinos yeah every single one of them

408
00:16:21,139 --> 00:16:25,879
failed miserably really because most

409
00:16:23,299 --> 00:16:27,889
people come to Vegas can't smoke and

410
00:16:25,879 --> 00:16:30,019
drink and away they go yeah I look

411
00:16:27,889 --> 00:16:33,190
around when you go down there how many

412
00:16:30,019 --> 00:16:35,209
people are not smoking that's true

413
00:16:33,190 --> 00:16:37,279
absolutely but the ones who ask me you

414
00:16:35,208 --> 00:16:38,629
make up for it missed in the sigas oh

415
00:16:37,278 --> 00:16:40,370
yeah let's just see guys down there oh

416
00:16:38,629 --> 00:16:42,769
yeah yeah yeah people always like give

417
00:16:40,370 --> 00:16:45,169
places like you know Florida and Texas a

418
00:16:42,769 --> 00:16:47,179
bad rap for all its eggs is not the

419
00:16:45,169 --> 00:16:50,828
Nevada's not that much different

420
00:16:47,179 --> 00:16:54,888
differences it is Nevada's more

421
00:16:50,828 --> 00:16:56,388
libertarian than anything anything goes

422
00:16:54,889 --> 00:16:57,980
I was really shocked I was talking about

423
00:16:56,389 --> 00:17:00,860
this with a bunch of people last night

424
00:16:57,980 --> 00:17:03,409
that I was completely shocked that

425
00:17:00,860 --> 00:17:05,720
people like places like Colorado and

426
00:17:03,409 --> 00:17:07,879
Washington steak legalize pot before

427
00:17:05,720 --> 00:17:10,068
Nevada because I mean Aria this

428

00:17:07,880 --> 00:17:12,140
prostitution is legal here I never

429
00:17:10,068 --> 00:17:15,558
thought about that all the weird stuff

430
00:17:12,140 --> 00:17:18,490
listen Billy liver a little here yeah

431
00:17:15,558 --> 00:17:21,639
and Nevada miss the boat on that

432
00:17:18,490 --> 00:17:24,429
I can't imagine if I oh if I own one of

433
00:17:21,640 --> 00:17:27,579
these hotel casinos would would be like

434
00:17:24,429 --> 00:17:30,700
why aren't we doing this because because

435
00:17:27,578 --> 00:17:33,250
gambling's everywhere now yeah so well

436
00:17:30,700 --> 00:17:35,590
back in Australia it's um every club and

437
00:17:33,250 --> 00:17:37,359
probably go into them in Sydney at least

438
00:17:35,589 --> 00:17:39,490
in New South Wales and I think in other

439
00:17:37,359 --> 00:17:41,379
parts of the country is they make an

440
00:17:39,490 --> 00:17:43,269
awful lot of money out of the slot

441
00:17:41,380 --> 00:17:45,400
machine spoken oh that's where most the

442
00:17:43,269 --> 00:17:46,720

money is um well downstairs I mean there

443

00:17:45,400 --> 00:17:48,280

are we have the gambling tables we've

444

00:17:46,720 --> 00:17:50,410

got the traditional blackjack we've got

445

00:17:48,279 --> 00:17:52,569

the roulette we got the craps but most

446

00:17:50,410 --> 00:17:54,429

of the floor area down there is machines

447

00:17:52,569 --> 00:17:55,629

and it's not machine because the slot so

448

00:17:54,429 --> 00:17:58,600

as long as I machines whir machine

449

00:17:55,630 --> 00:18:02,170

gaming yeah but super I lived here I did

450

00:17:58,599 --> 00:18:06,459

a lot of did some programming for the

451

00:18:02,170 --> 00:18:08,110

algorithms on how they the casino when

452

00:18:06,460 --> 00:18:10,029

you see a plant when you see the casino

453

00:18:08,109 --> 00:18:12,159

floor when you look at the slot machines

454

00:18:10,029 --> 00:18:13,750

you know you'll notice that you might

455

00:18:12,160 --> 00:18:16,870

think might realize it's already in your

456

00:18:13,750 --> 00:18:19,119

head but if you look at them the

457
00:18:16,869 --> 00:18:22,569
gambling machines that they all are in

458
00:18:19,119 --> 00:18:25,000
like violence yes each island has its

459
00:18:22,569 --> 00:18:30,639
own concern a controlling system uh-huh

460
00:18:25,000 --> 00:18:34,450
and that's by law so by law they have to

461
00:18:30,640 --> 00:18:36,790
have a amount of payback for every

462
00:18:34,450 --> 00:18:38,980
uh-huh effort the average of the entire

463
00:18:36,789 --> 00:18:40,659
casino right that's why you'll see

464
00:18:38,980 --> 00:18:43,179
billboards like what leave our slots pay

465
00:18:40,660 --> 00:18:45,640
out a two percent yeah so that means

466
00:18:43,179 --> 00:18:48,490
ninety-two percent for the entire casino

467
00:18:45,640 --> 00:18:50,110
floor for the machines well that doesn't

468
00:18:48,490 --> 00:18:52,720
mean that every bank has to pay out

469
00:18:50,109 --> 00:18:57,369
ninety-two percent is to be than average

470
00:18:52,720 --> 00:19:00,100
so one trick to people some people know

471
00:18:57,369 --> 00:19:03,159
or something known some of some of the

472
00:19:00,099 --> 00:19:04,178
islands are tweaked to pay out more

473
00:19:03,160 --> 00:19:06,400
because they have to make up for the

474
00:19:04,179 --> 00:19:08,350
average of the ones who it is and

475
00:19:06,400 --> 00:19:09,610
usually the ones pay out the worst are

476
00:19:08,349 --> 00:19:11,469
the ones that are close to the doors

477
00:19:09,609 --> 00:19:14,439
because as most people just walk in

478
00:19:11,470 --> 00:19:17,079
that's it in the first one sexy so

479
00:19:14,440 --> 00:19:18,970
stupid little creek tricks but in the

480
00:19:17,079 --> 00:19:20,649
the differences aren't that much

481
00:19:18,970 --> 00:19:24,549
different but different enough to

482
00:19:20,650 --> 00:19:26,490
interesting out inside in forum yes I

483
00:19:24,549 --> 00:19:27,829
used to did some of the background

484
00:19:26,490 --> 00:19:29,599
programming for all

485

00:19:27,829 --> 00:19:31,099
tough nose uh yeah I wonder how many

486
00:19:29,599 --> 00:19:33,439
people who come to the amazing meeting

487
00:19:31,099 --> 00:19:35,719
spin-out time downstairs gambling some

488
00:19:33,440 --> 00:19:38,899
of the mummy I i I've spent a dollar or

489
00:19:35,720 --> 00:19:40,788
two down there but in all honesty I

490
00:19:38,898 --> 00:19:41,959
don't think I've even reached ten

491
00:19:40,788 --> 00:19:44,569
dollars in all the years I've been

492
00:19:41,960 --> 00:19:46,519
coming here I've probably spent about

493
00:19:44,569 --> 00:19:49,069
ten dollars gambling well I just need

494
00:19:46,519 --> 00:19:50,509
don't not into it like I said I lived

495
00:19:49,069 --> 00:19:52,788
here as a kid well I couldn't handle

496
00:19:50,509 --> 00:19:54,679
that but I came back from college and a

497
00:19:52,788 --> 00:19:57,099
first when I got older I was able to

498
00:19:54,679 --> 00:20:01,370
gamble I mean my friends did a bunch of

499
00:19:57,099 --> 00:20:05,599

gambling as a team and I I mean I'm wait

500

00:20:01,369 --> 00:20:07,489

up because we do that on purpose but you

501

00:20:05,599 --> 00:20:09,589

have to play the circuit or the game

502

00:20:07,490 --> 00:20:11,630

that you have control of mmm only one

503

00:20:09,589 --> 00:20:14,538

and you probably figure it out it's

504

00:20:11,630 --> 00:20:18,169

blackjack no no I don't have no control

505

00:20:14,538 --> 00:20:19,788

no what what poker oh oh sorry yes of

506

00:20:18,169 --> 00:20:21,019

course that I sort of treat that

507

00:20:19,788 --> 00:20:22,250

slightly differently because you're sort

508

00:20:21,019 --> 00:20:23,690

of playing against other people not

509

00:20:22,250 --> 00:20:25,339

necessarily against the house but you

510

00:20:23,690 --> 00:20:26,630

have control texas holdem right yeah

511

00:20:25,339 --> 00:20:27,558

yeah did you have control over them yeah

512

00:20:26,630 --> 00:20:29,870

yeah and that's where they're actually

513

00:20:27,558 --> 00:20:32,480

that's mainly a scaled skill game and if

514
00:20:29,869 --> 00:20:34,638
you doubt that go to the world series of

515
00:20:32,480 --> 00:20:36,589
poker every year the same 10 or 15

516
00:20:34,638 --> 00:20:38,839
people every time it's because it's not

517
00:20:36,589 --> 00:20:40,548
a game of chance whoo that's in smoke

518
00:20:38,839 --> 00:20:43,000
again that's not much of a game of

519
00:20:40,548 --> 00:20:45,918
chances yeah that's it it's just it's

520
00:20:43,000 --> 00:20:49,130
it's it's a mix between the skill math

521
00:20:45,919 --> 00:20:50,778
and human interaction interesting yeah

522
00:20:49,130 --> 00:20:54,559
so that's the game you can make money on

523
00:20:50,778 --> 00:20:56,148
a but we used to do it as teams so we've

524
00:20:54,558 --> 00:20:57,589
got five of us because you know there's

525
00:20:56,148 --> 00:21:01,038
something usually it's on a table at

526
00:20:57,589 --> 00:21:02,480
seven people so we coerced five people

527
00:21:01,038 --> 00:21:05,119
at the table there are me and all my

528
00:21:02,480 --> 00:21:07,700
friends we know each other so we figured

529
00:21:05,119 --> 00:21:09,859
out all their tells hmm and then we just

530
00:21:07,700 --> 00:21:12,169
take down the people at the table with

531
00:21:09,859 --> 00:21:17,869
us the skeptics own podcast is not

532
00:21:12,169 --> 00:21:19,669
endorsed gambling if it's legal and so

533
00:21:17,869 --> 00:21:21,829
you've got um we're sort of halfway

534
00:21:19,669 --> 00:21:23,570
along the Grand Hall here I'm when right

535
00:21:21,829 --> 00:21:25,369
next door to the st you guys who are

536
00:21:23,569 --> 00:21:27,109
setting up and it's still early so

537
00:21:25,369 --> 00:21:28,579
people there are some more people down

538
00:21:27,109 --> 00:21:29,750
there at the registration a lot of the

539
00:21:28,579 --> 00:21:31,278
tables are emptying them up while you

540
00:21:29,750 --> 00:21:32,808
set up yet but it's early isn't it I

541
00:21:31,278 --> 00:21:35,200
mean it's Thursday morning it's really

542

00:21:32,808 --> 00:21:37,538
the first day of workshops yeah

543
00:21:35,200 --> 00:21:40,860
really gets into full swing i think I'm

544
00:21:37,538 --> 00:21:44,408
tonight at the big reception yeah and

545
00:21:40,859 --> 00:21:47,469
like I said it because thursday is there

546
00:21:44,409 --> 00:21:49,149
research to getting in town and all the

547
00:21:47,470 --> 00:21:51,159
setup really doesn't really have it sold

548
00:21:49,148 --> 00:21:52,418
this afternoon Wow some people are keen

549
00:21:51,159 --> 00:21:54,549
in some like I've noticed some people

550
00:21:52,419 --> 00:21:55,840
even walking into the workshop rooms all

551
00:21:54,548 --> 00:21:58,058
ready to get a good seat but they're

552
00:21:55,839 --> 00:22:00,759
practically empty so I know this much

553
00:21:58,058 --> 00:22:02,829
before I was supposed to have breakfast

554
00:22:00,759 --> 00:22:04,028
with a one of the workshop presenters

555
00:22:02,829 --> 00:22:07,148
and he said I'm is going to be in my

556
00:22:04,028 --> 00:22:08,558

room doing all my work yeah I spent a

557

00:22:07,148 --> 00:22:10,439

few hours this morning actually got to

558

00:22:08,558 --> 00:22:12,548

work up quite early and I've just been

559

00:22:10,440 --> 00:22:14,139

more or less doing the same thing trying

560

00:22:12,548 --> 00:22:16,750

to work on my presentation after the

561

00:22:14,138 --> 00:22:18,069

past three years I've been doing

562

00:22:16,750 --> 00:22:20,200

something in their workshops or whatever

563

00:22:18,069 --> 00:22:22,178

let's hear another i'm working at the

564

00:22:20,200 --> 00:22:24,519

table that's about it I can appreciate

565

00:22:22,179 --> 00:22:25,960

that yeah that's good that's why not

566

00:22:24,519 --> 00:22:27,278

sometimes you do have to take a bit of

567

00:22:25,960 --> 00:22:28,569

accidents let's going back to the old

568

00:22:27,278 --> 00:22:30,579

school when I became the first like

569

00:22:28,569 --> 00:22:32,319

three years where I you know just hung

570

00:22:30,579 --> 00:22:34,269

out in interviews of people that's what

571
00:22:32,319 --> 00:22:35,138
I lights what I'm doing right now I'm

572
00:22:34,269 --> 00:22:37,599
just hanging out with you and

573
00:22:35,138 --> 00:22:39,459
interviewing you skeptic ality is the

574
00:22:37,599 --> 00:22:42,819
podcast folks it's been going ever since

575
00:22:39,460 --> 00:22:46,240
I was a little boy yeah it seems p to

576
00:22:42,819 --> 00:22:48,038
you too and i'm sure a lot of those

577
00:22:46,240 --> 00:22:50,950
skeptics endlessness of a very familiar

578
00:22:48,038 --> 00:22:52,690
skeptical yeah I've always been shocked

579
00:22:50,950 --> 00:22:54,669
when I've talked to people there's

580
00:22:52,690 --> 00:22:57,100
actually a guy who works and my company

581
00:22:54,669 --> 00:22:59,288
is international and I was talking to a

582
00:22:57,099 --> 00:23:03,699
guy who came in the town from our New

583
00:22:59,288 --> 00:23:06,398
Jersey office and he had a skep tied

584
00:23:03,700 --> 00:23:09,399
t-shirt on oh yeah and it's gone which

585
00:23:06,398 --> 00:23:11,109
other shows you do you listen to and he

586
00:23:09,398 --> 00:23:13,538
said well I listen he didn't rise was me

587
00:23:11,109 --> 00:23:16,079
he has skeptic ality I didn't he's like

588
00:23:13,538 --> 00:23:19,329
and then some of the Scientific American

589
00:23:16,079 --> 00:23:22,148
podcast I said why you heard about you

590
00:23:19,329 --> 00:23:23,859
know it's skipped his own or SGU I

591
00:23:22,148 --> 00:23:26,888
didn't know there's all these oh boy so

592
00:23:23,859 --> 00:23:28,298
I don't know leave it or not you don't

593
00:23:26,888 --> 00:23:30,038
have no idea people actually know about

594
00:23:28,298 --> 00:23:31,240
the other you would think they do but a

595
00:23:30,038 --> 00:23:33,429
lot of people are just listeners they

596
00:23:31,240 --> 00:23:34,720
don't really realize that there's a

597
00:23:33,429 --> 00:23:36,548
whole world out there that's true yeah

598
00:23:34,720 --> 00:23:38,649
yeah yeah well I'd you know the skeptics

599

00:23:36,548 --> 00:23:40,589
on my listeners know I do my best to

600
00:23:38,648 --> 00:23:42,538
promote other yeah I know I know

601
00:23:40,589 --> 00:23:45,028
on how I tried all over the world there

602
00:23:42,538 --> 00:23:46,798
you know people doing skeptical podcasts

603
00:23:45,028 --> 00:23:48,690
and outreach and stuff yeah it's good ya

604
00:23:46,798 --> 00:23:50,730
see ya well alright when I look at our

605
00:23:48,690 --> 00:23:53,250
our demographic numbers I've always

606
00:23:50,730 --> 00:23:56,220
always find entertaining to find like

607
00:23:53,250 --> 00:23:58,288
the most remote place yes ya see that

608
00:23:56,220 --> 00:23:59,700
too yeah I get listeners in Iceland and

609
00:23:58,288 --> 00:24:02,609
stuff on the hello dual my listen is a

610
00:23:59,700 --> 00:24:04,590
nice man keep warm Hagel but there's

611
00:24:02,609 --> 00:24:08,308
three people for the past like four

612
00:24:04,589 --> 00:24:09,928
months that are in Greenland yeah yeah

613
00:24:08,308 --> 00:24:13,558

as in that was the first time we've had

614

00:24:09,929 --> 00:24:16,440

Greenland but there was a a few well I

615

00:24:13,558 --> 00:24:18,960

know why one of my best friends I met

616

00:24:16,440 --> 00:24:21,870

here in Vegas he got a job with the

617

00:24:18,960 --> 00:24:25,319

government and he's now stationed in

618

00:24:21,869 --> 00:24:28,709

Micronesia hmm and suddenly I have like

619

00:24:25,319 --> 00:24:30,480

25 people in there yeah yeah it's funny

620

00:24:28,710 --> 00:24:32,788

how that works since to see what's the

621

00:24:30,480 --> 00:24:35,970

spread of where the good listeners come

622

00:24:32,788 --> 00:24:37,349

from some cool Oh Gary we seem to bump

623

00:24:35,970 --> 00:24:39,329

into each other only at these sort of

624

00:24:37,349 --> 00:24:41,939

things I haven't been to dragoncon years

625

00:24:39,329 --> 00:24:43,769

it's a slacker slacker to the other side

626

00:24:41,940 --> 00:24:45,570

of the planet boy is it ever the other

627

00:24:43,769 --> 00:24:47,278

side but Dragon Con in atlanta georgia

628
00:24:45,569 --> 00:24:49,259
is a fantastic you were there for the

629
00:24:47,278 --> 00:24:52,288
1st like three or four years I wouldn't

630
00:24:49,259 --> 00:24:54,269
got three years in a row i went 80 80 a

631
00:24:52,288 --> 00:24:57,359
nice no no not in the eighties sorry

632
00:24:54,269 --> 00:24:58,889
2008 2009 2010 yep and I loved every

633
00:24:57,359 --> 00:25:01,408
every moment really you weren't there

634
00:24:58,890 --> 00:25:03,210
four thousand seven no no 88 was the

635
00:25:01,409 --> 00:25:05,480
first year sometimes I thought you were

636
00:25:03,210 --> 00:25:07,890
there the first seven was our first year

637
00:25:05,480 --> 00:25:10,409
okay so i was there just off to you guys

638
00:25:07,890 --> 00:25:12,330
yeah okay yeah all right well dairy

639
00:25:10,409 --> 00:25:14,880
always great to catch up with you yes

640
00:25:12,329 --> 00:25:16,500
well I will see you over the course of

641
00:25:14,880 --> 00:25:18,770
the rest of the weekend you sure well

642
00:25:16,500 --> 00:25:18,769
right

643
00:25:20,529 --> 00:25:26,809
it's sharon hill hi Sharon my return how

644
00:25:24,710 --> 00:25:28,880
are you I'm doing really well it's um

645
00:25:26,809 --> 00:25:31,190
it's a bit early i mean mostly what

646
00:25:28,880 --> 00:25:33,080
people are sort of appearing out of the

647
00:25:31,190 --> 00:25:35,600
woodwork registering here for town were

648
00:25:33,079 --> 00:25:36,949
in the grand hallway and it's really

649
00:25:35,599 --> 00:25:39,500
great to catch up and do and we're doing

650
00:25:36,950 --> 00:25:41,870
a panel together today yes workshop

651
00:25:39,500 --> 00:25:44,029
working a little bit later this morning

652
00:25:41,869 --> 00:25:45,679
and we've we've already visited the room

653
00:25:44,029 --> 00:25:48,799
and checked everything out and we're all

654
00:25:45,680 --> 00:25:51,830
set yeah skepticism in the media it's

655
00:25:48,799 --> 00:25:54,619
like whenever I hear your voice I get

656

00:25:51,829 --> 00:25:57,519
all i hear is what it's like it's like

657
00:25:54,619 --> 00:25:59,929
weak depressing but with chupacabras

658
00:25:57,519 --> 00:26:01,730
virtual skeptics let your skeptics

659
00:25:59,930 --> 00:26:03,350
that's true yeah unfortunately I do

660
00:26:01,730 --> 00:26:05,180
virtual skeptics anymore but other

661
00:26:03,349 --> 00:26:07,159
things have come up but we still there

662
00:26:05,180 --> 00:26:09,500
still running yeah and still a lot of

663
00:26:07,160 --> 00:26:11,330
fun and it'll talk about chupacabras as

664
00:26:09,500 --> 00:26:12,920
much anymore look up there that's a pity

665
00:26:11,329 --> 00:26:16,460
that's a pretty so what are you up to

666
00:26:12,920 --> 00:26:18,019
decent um I'm still doing doubtful news

667
00:26:16,460 --> 00:26:19,190
that takes up most of my time doubtful

668
00:26:18,019 --> 00:26:20,930
news day that's what I guess I that's

669
00:26:19,190 --> 00:26:23,330
what you're most known yes yeah yeah

670
00:26:20,930 --> 00:26:25,610

that's def that's an everyday job and

671

00:26:23,329 --> 00:26:27,109

it's doing very well and that's the

672

00:26:25,609 --> 00:26:29,240

other promotion of you that's right i

673

00:26:27,109 --> 00:26:31,069

run yep young you'll hear the promo for

674

00:26:29,240 --> 00:26:34,420

the story behind that you have 0

675

00:26:31,069 --> 00:26:34,419

reported that I can't do you avoid

676

00:26:35,349 --> 00:26:40,339

getting heckled by Derek Colin do know

677

00:26:37,910 --> 00:26:43,400

this is not good and he's carrying a

678

00:26:40,339 --> 00:26:44,539

chairs I tell ya yeah so yeah so my

679

00:26:43,400 --> 00:26:46,430

listeners would know your voice from

680

00:26:44,539 --> 00:26:48,680

that doubtful news of course and um I

681

00:26:46,430 --> 00:26:50,600

like many of us that that's a very

682

00:26:48,680 --> 00:26:53,029

popular way yes people visit that no

683

00:26:50,599 --> 00:26:54,529

absolutely and and not only a skeptics

684

00:26:53,029 --> 00:26:56,149

will will go to that website but I get a

685
00:26:54,529 --> 00:26:57,740
lot of traffic just from google search

686
00:26:56,150 --> 00:27:00,019
mm-hmm and I think that's really

687
00:26:57,740 --> 00:27:02,059
important because then we can reach the

688
00:27:00,019 --> 00:27:05,029
public yes the people who don't know

689
00:27:02,059 --> 00:27:07,339
about how to apply skepticism to the

690
00:27:05,029 --> 00:27:09,500
media and so that's that's most exciting

691
00:27:07,339 --> 00:27:10,789
for me when I look daily at my stats and

692
00:27:09,500 --> 00:27:13,460
see that a lot of people are coming in

693
00:27:10,789 --> 00:27:15,559
based on search terms from stories that

694
00:27:13,460 --> 00:27:18,410
they've seen in the news yeah and end up

695
00:27:15,559 --> 00:27:21,049
at my side it's a great title doubtful

696
00:27:18,410 --> 00:27:23,060
news I think it works well yeah it does

697
00:27:21,049 --> 00:27:24,889
give me some problems ago because people

698
00:27:23,059 --> 00:27:26,779
I will actually put factual stories on

699
00:27:24,890 --> 00:27:28,038
there because good news stories yeah

700
00:27:26,779 --> 00:27:29,749
like

701
00:27:28,038 --> 00:27:31,700
and evolution bill anti-evolution bill

702
00:27:29,749 --> 00:27:35,179
was defeated you know creationism was

703
00:27:31,700 --> 00:27:36,798
struck down in some state and people

704
00:27:35,179 --> 00:27:40,879
will say what's doubtful about that well

705
00:27:36,798 --> 00:27:43,069
the theme of the site is to question

706
00:27:40,878 --> 00:27:44,748
those pseudoscience and problems that we

707
00:27:43,069 --> 00:27:47,358
have in our in our media and society

708
00:27:44,749 --> 00:27:49,999
with regards to those comics so I cover

709
00:27:47,358 --> 00:27:51,978
a really broad range but I mostly I

710
00:27:49,999 --> 00:27:54,259
really like to talk about the monsters

711
00:27:51,979 --> 00:27:56,419
the UFOs the good hmm they get great

712
00:27:54,259 --> 00:27:58,579
hits two people are curious i like i

713

00:27:56,419 --> 00:27:59,889
like i like that stuff and that's what i

714
00:27:58,579 --> 00:28:03,108
mean really that's why I got into

715
00:27:59,888 --> 00:28:06,618
skeptical that each a fun monster since

716
00:28:03,108 --> 00:28:07,819
I was a kid chupacabras well what that

717
00:28:06,618 --> 00:28:09,439
when you're a kid they would I choose

718
00:28:07,819 --> 00:28:12,558
the colors pretty much yeah they're

719
00:28:09,440 --> 00:28:14,960
relatively new but I also write a column

720
00:28:12,558 --> 00:28:19,788
called sound science ii where I look at

721
00:28:14,960 --> 00:28:22,819
a pseudoscience in the in every kind of

722
00:28:19,788 --> 00:28:26,148
media and talk about why people are

723
00:28:22,819 --> 00:28:28,759
sometimes fooled by fake science and I'm

724
00:28:26,148 --> 00:28:31,638
also working on a book manuscript based

725
00:28:28,759 --> 00:28:34,009
on the work I did when I was in grad

726
00:28:31,638 --> 00:28:37,158
school mmm with regards to amateur

727
00:28:34,009 --> 00:28:42,409

paranormal research groups yeah those

728

00:28:37,159 --> 00:28:44,479

are grid's just well part of my research

729

00:28:42,409 --> 00:28:47,889

for the million dollar challenge is here

730

00:28:44,479 --> 00:28:51,499

here town I've been reading reports from

731

00:28:47,888 --> 00:28:53,829

so-called paranormal investigators and

732

00:28:51,499 --> 00:28:56,629

you know their hearts in the right place

733

00:28:53,829 --> 00:28:58,908

absolument they don't know how they

734

00:28:56,628 --> 00:29:01,638

never learn they fall down straightaway

735

00:28:58,909 --> 00:29:04,099

on basic scientific principles but or

736

00:29:01,638 --> 00:29:06,949

should I say techniques methodology and

737

00:29:04,098 --> 00:29:08,269

I think that is get the wrong absolutely

738

00:29:06,950 --> 00:29:10,729

and I think that there's plenty of room

739

00:29:08,269 --> 00:29:12,858

to work with there so I try to connect

740

00:29:10,729 --> 00:29:14,479

with some of these groups and and help

741

00:29:12,858 --> 00:29:15,829

them out and say look I understand what

742
00:29:14,479 --> 00:29:17,179
you're trying to do here and it's and

743
00:29:15,829 --> 00:29:19,189
it's good because they're helping people

744
00:29:17,179 --> 00:29:22,179
who have troubles whatever the cause of

745
00:29:19,190 --> 00:29:24,798
the troubles is we don't know but but I

746
00:29:22,179 --> 00:29:29,869
think that there is an opportunity there

747
00:29:24,798 --> 00:29:30,710
for some sympathetic skeptics to get in

748
00:29:29,868 --> 00:29:33,168
there and

749
00:29:30,710 --> 00:29:34,759
yeah well I agree absolutely because if

750
00:29:33,169 --> 00:29:36,259
you're going to do something might as

751
00:29:34,759 --> 00:29:38,808
well do it right yeah that's exactly

752
00:29:36,259 --> 00:29:42,140
right and and and because i dint I've

753
00:29:38,808 --> 00:29:44,240
seen when the basic mistakes made very

754
00:29:42,140 --> 00:29:45,200
early on lead to false conclusions and

755
00:29:44,240 --> 00:29:47,240
they'll say well look here's the

756
00:29:45,200 --> 00:29:48,860
conclusion it works you see yes alone

757
00:29:47,240 --> 00:29:50,509
and go right back to the beginning and

758
00:29:48,859 --> 00:29:53,209
you didn't do this or something like

759
00:29:50,509 --> 00:29:56,960
that it would be difficult so you get

760
00:29:53,210 --> 00:29:58,730
much feedback generally from I I get

761
00:29:56,960 --> 00:30:01,278
sometimes I get really good feedback

762
00:29:58,730 --> 00:30:03,980
from my sound science ii column I

763
00:30:01,278 --> 00:30:08,210
actually get people who email me and

764
00:30:03,980 --> 00:30:09,679
either have questions or comments about

765
00:30:08,210 --> 00:30:11,538
what i wrote which is cool because then

766
00:30:09,679 --> 00:30:14,330
i'll answer them and they give me good

767
00:30:11,538 --> 00:30:15,740
good food for thought we also we always

768
00:30:14,329 --> 00:30:17,538
get tons of comments on doubtful news

769
00:30:15,740 --> 00:30:19,159
and yeah we have a very strict

770

00:30:17,538 --> 00:30:20,869
moderation policy there's plenty of

771
00:30:19,159 --> 00:30:23,028
places for chiropractors and and

772
00:30:20,869 --> 00:30:25,099
proactive puncture and pro alt med

773
00:30:23,028 --> 00:30:27,980
people to go and about what they believe

774
00:30:25,099 --> 00:30:30,048
I don't allow that on doubtful news and

775
00:30:27,980 --> 00:30:32,390
unless they ask the question and then we

776
00:30:30,048 --> 00:30:34,908
can have a civil debate yeah but for the

777
00:30:32,390 --> 00:30:37,700
most part the site is about positive

778
00:30:34,909 --> 00:30:40,870
skepticism and helping the public

779
00:30:37,700 --> 00:30:44,360
understand what's real and what's bunker

780
00:30:40,869 --> 00:30:46,788
that's what it's all about so that's

781
00:30:44,359 --> 00:30:48,079
like every day I know how many years

782
00:30:46,788 --> 00:30:50,480
have you been coming to the amazing

783
00:30:48,079 --> 00:30:53,349
movement oh gee I always forget this is

784
00:30:50,480 --> 00:30:55,940

I think might be my fifth year uh-huh

785

00:30:53,349 --> 00:30:58,369

2009 was my first two thousand the data

786

00:30:55,940 --> 00:30:59,990

to me so this is my 50 so the first year

787

00:30:58,369 --> 00:31:02,148

you came to Tam was here at the south

788

00:30:59,990 --> 00:31:04,970

point that's right ah just the first

789

00:31:02,148 --> 00:31:06,829

year I was I did ten was a the last year

790

00:31:04,970 --> 00:31:09,890

they weren't the Fleming yeah okay yeah

791

00:31:06,829 --> 00:31:11,928

it'll always been here yeah and there's

792

00:31:09,890 --> 00:31:12,590

the the distinctive color scheme and the

793

00:31:11,929 --> 00:31:14,450

distinctive

794

00:31:12,589 --> 00:31:16,639

and everything is in the same place I

795

00:31:14,450 --> 00:31:19,190

was speaking some others last night and

796

00:31:16,640 --> 00:31:21,890

when you're here it's like you sort of

797

00:31:19,190 --> 00:31:24,320

never left yeah you know it's a years

798

00:31:21,890 --> 00:31:25,788

gone by but you look around the delmar

799
00:31:24,319 --> 00:31:28,189
or you're up here in the conference area

800
00:31:25,788 --> 00:31:31,519
in fig wasn't I here just yesterday and

801
00:31:28,190 --> 00:31:33,470
nothing changed yeah really uh I noticed

802
00:31:31,519 --> 00:31:35,960
there's some development more outside

803
00:31:33,470 --> 00:31:38,240
the isolation oh there's more building i

804
00:31:35,960 --> 00:31:40,870
saw that mobile Congo's your road works

805
00:31:38,240 --> 00:31:44,028
and that's right once you get inside yes

806
00:31:40,869 --> 00:31:46,278
machines clanking you even people there

807
00:31:44,028 --> 00:31:48,890
and there and of course you see that a

808
00:31:46,278 --> 00:31:51,259
lot of the same faces yes all the time

809
00:31:48,890 --> 00:31:53,720
hey I just see dr. Karl walking in over

810
00:31:51,259 --> 00:31:56,259
there you see what a duck the culture an

811
00:31:53,720 --> 00:31:59,808
exactor Carl well it's the green pants

812
00:31:56,259 --> 00:32:01,369
very annoyed we might catch his

813
00:31:59,808 --> 00:32:03,408
attention look Sharon we better run down

814
00:32:01,369 --> 00:32:05,538
and rest dr. Cole because he's part of

815
00:32:03,409 --> 00:32:07,730
our media workshop in a few hours that's

816
00:32:05,538 --> 00:32:12,879
right but it's really lovely to see you

817
00:32:07,730 --> 00:32:12,880
as ever and to have a chat great thanks

818
00:32:17,359 --> 00:32:21,629
Wow the skeptics guide to the universe

819
00:32:19,589 --> 00:32:23,129
dinner has just wound up we had an

820
00:32:21,630 --> 00:32:24,179
auction we had a game show lots of

821
00:32:23,130 --> 00:32:26,549
people here still milling around

822
00:32:24,179 --> 00:32:29,490
including including George shrub hi

823
00:32:26,548 --> 00:32:31,349
George hello no nice to see you once

824
00:32:29,490 --> 00:32:32,700
again here at the amazing meeting we

825
00:32:31,349 --> 00:32:35,428
keep meeting like this we keep meeting

826
00:32:32,700 --> 00:32:39,149
in the desert sands of Vegas we do we

827

00:32:35,429 --> 00:32:40,919
met him more we met more here than yeah

828
00:32:39,148 --> 00:32:42,898
am I trying to save you with this and

829
00:32:40,919 --> 00:32:45,299
here merely meeting with us has been

830
00:32:42,898 --> 00:32:47,398
more than any other us meeting place

831
00:32:45,298 --> 00:32:49,470
that's as opposed to their verses here

832
00:32:47,398 --> 00:32:51,508
and of course we met once in Sydney and

833
00:32:49,470 --> 00:32:53,490
we gonna be meeting again again and ya

834
00:32:51,509 --> 00:32:55,798
can't believe that we are get to go back

835
00:32:53,490 --> 00:32:58,500
I'm so excited it's like they say the

836
00:32:55,798 --> 00:32:59,819
second time is always the second more

837
00:32:58,500 --> 00:33:01,888
mad they say the second time is always

838
00:32:59,819 --> 00:33:03,240
the second time at least yes but it's

839
00:33:01,888 --> 00:33:04,949
always the second sometimes it's a third

840
00:33:03,240 --> 00:33:06,509
time the second time decides be the

841
00:33:04,950 --> 00:33:07,798

other time yeah it's if you if you were

842

00:33:06,509 --> 00:33:08,909
passed out for the first two times then

843

00:33:07,798 --> 00:33:11,690
yeah the second time can be the third

844

00:33:08,909 --> 00:33:14,159
how's the geologic podcast well we're

845

00:33:11,690 --> 00:33:17,220
congratulations on your 303 thank you

846

00:33:14,159 --> 00:33:19,080
that's for our listeners a knowledge of

847

00:33:17,220 --> 00:33:21,000
all they know surely that that'll be

848

00:33:19,079 --> 00:33:24,119
next week's episodes week that's really

849

00:33:21,000 --> 00:33:26,009
speaking now on to 99 but next 300 yeah

850

00:33:24,119 --> 00:33:27,628
that's great i had my 300 a little boy

851

00:33:26,009 --> 00:33:30,360
back and it was a it's exciting it's

852

00:33:27,628 --> 00:33:34,589
exciting how many years now you remember

853

00:33:30,359 --> 00:33:35,939
seven yeah oh my god chose about right

854

00:33:34,589 --> 00:33:37,648
did you ever think that you'd be doing

855

00:33:35,940 --> 00:33:40,679
seven eight years worth of stuff

856
00:33:37,648 --> 00:33:43,109
absolutely no yeah you will to be honest

857
00:33:40,679 --> 00:33:45,990
I a new probably the same you start a

858
00:33:43,109 --> 00:33:48,000
podcast and that's just not a concept no

859
00:33:45,990 --> 00:33:49,710
it's ago i'm gonna do a podcast what's

860
00:33:48,000 --> 00:33:51,359
on next week and so on yeah I'll do 10

861
00:33:49,710 --> 00:33:52,950
20 see what it's like yeah yeah and here

862
00:33:51,359 --> 00:33:54,658
we are seven years later in the sands of

863
00:33:52,950 --> 00:33:55,980
Vegas once again put begin for the

864
00:33:54,659 --> 00:33:59,309
fourth time believe of time with the

865
00:33:55,980 --> 00:34:01,679
sixth in fact that we also met one of

866
00:33:59,308 --> 00:34:05,069
our many meetings was in the lovely

867
00:34:01,679 --> 00:34:06,310
dragoncon oh I might have met you first

868
00:34:05,069 --> 00:34:08,469
at dragoncon

869
00:34:06,309 --> 00:34:11,170
I think so that's a possibility yeah so

870
00:34:08,469 --> 00:34:12,730
I think so yeah on its own universe of

871
00:34:11,170 --> 00:34:14,230
weirdness there too it's like this is

872
00:34:12,730 --> 00:34:16,630
its own little Enclave yeah and this

873
00:34:14,230 --> 00:34:18,820
dragon con is it's own thing Nexus is

874
00:34:16,630 --> 00:34:20,140
its own thing it's it's yeah it's pretty

875
00:34:18,820 --> 00:34:21,700
special and I remember one evening

876
00:34:20,139 --> 00:34:24,339
particularly well it's probably when I

877
00:34:21,699 --> 00:34:27,339
met you is filthy Oh someone's doing

878
00:34:24,340 --> 00:34:30,900
yourself in the middle of the show there

879
00:34:27,340 --> 00:34:33,940
we are make sure you face oh he's done

880
00:34:30,900 --> 00:34:36,010
someone just took a selfie of us there

881
00:34:33,940 --> 00:34:38,079
was a wonderful moment I'll never forget

882
00:34:36,010 --> 00:34:40,900
it where I we were at a party and a

883
00:34:38,079 --> 00:34:42,670
hotel room one night in Dragon Con right

884

00:34:40,900 --> 00:34:45,789
you were sitting on the couch with some

885
00:34:42,670 --> 00:34:47,650
people yes I was standing up here doing

886
00:34:45,789 --> 00:34:50,309
the spoon bending routine yes to

887
00:34:47,650 --> 00:34:52,869
somebody and you were over there

888
00:34:50,309 --> 00:34:54,250
commenting giving call is a sort of you

889
00:34:52,869 --> 00:34:56,949
remember that's right yeah I didn't know

890
00:34:54,250 --> 00:34:59,199
I didn't quite know I think what your

891
00:34:56,949 --> 00:35:00,789
intention was yeah I think I was sort of

892
00:34:59,199 --> 00:35:02,109
trying to describe how you were doing it

893
00:35:00,789 --> 00:35:03,429
to the people I was with like what's

894
00:35:02,110 --> 00:35:04,840
this guy doing so no no no well he's

895
00:35:03,429 --> 00:35:07,659
doing this now watch his left hand

896
00:35:04,840 --> 00:35:09,070
because it's gonna be you know yeah yeah

897
00:35:07,659 --> 00:35:10,029
you actually fell asleep during my show

898
00:35:09,070 --> 00:35:12,160

that was the first time we met I

899

00:35:10,030 --> 00:35:14,590

remember you were so nice about it you

900

00:35:12,159 --> 00:35:16,869

apologize previously we were exhausted i

901

00:35:14,590 --> 00:35:19,510

was doing my podcast and you fell asleep

902

00:35:16,869 --> 00:35:21,489

turn sure I did that's right that was

903

00:35:19,510 --> 00:35:23,710

the first time because I didn't really

904

00:35:21,489 --> 00:35:26,139

design that entertaining got amazing

905

00:35:23,710 --> 00:35:28,329

that's just those were the days when I

906

00:35:26,139 --> 00:35:31,809

and dr. a cheese and some others would

907

00:35:28,329 --> 00:35:33,969

fly from Sydney just change planes in LA

908

00:35:31,809 --> 00:35:36,130

and go to Atlanta yeah and land and then

909

00:35:33,969 --> 00:35:39,369

go to forget about it no forget about it

910

00:35:36,130 --> 00:35:41,500

and my shirt was like 11 at night too so

911

00:35:39,369 --> 00:35:44,799

yeah you're you were throws behind be

912

00:35:41,500 --> 00:35:47,110

gone yeah but lifetime ago right yeah he

913
00:35:44,800 --> 00:35:49,300
had those days yeah just and there was

914
00:35:47,110 --> 00:35:51,820
one marvelous times after dragoncon were

915
00:35:49,300 --> 00:35:54,220
you and I and Daniel oxen and Cheryl

916
00:35:51,820 --> 00:35:56,590
would go wandering around the empty

917
00:35:54,219 --> 00:35:58,299
hotels and doing all this sort of dances

918
00:35:56,590 --> 00:36:00,220
down once the one stood once the rest

919
00:35:58,300 --> 00:36:01,960
was sort of done remember on the

920
00:36:00,219 --> 00:36:04,539
escalator once walking the wrong we're

921
00:36:01,960 --> 00:36:05,079
gonna yell at the security sturdy shows

922
00:36:04,539 --> 00:36:06,579
up

923
00:36:05,079 --> 00:36:08,469
shouldn't be doing that and we all went

924
00:36:06,579 --> 00:36:10,690
up to America the hilton wasn't looked

925
00:36:08,469 --> 00:36:12,519
down hurry up yeah whatever it's 30

926
00:36:10,690 --> 00:36:14,289
floors up or whatever it is yeah listen

927

00:36:12,519 --> 00:36:15,880

look folks this is some of the wonderful

928

00:36:14,289 --> 00:36:17,529

times you can have when you come to

929

00:36:15,880 --> 00:36:19,150

conventions that's right you get to hang

930

00:36:17,530 --> 00:36:21,100

out with with fun people and do crazy

931

00:36:19,150 --> 00:36:23,019

stuff yeah yeah you do like minded

932

00:36:21,099 --> 00:36:24,819

people doing silly things what's better

933

00:36:23,019 --> 00:36:27,190

what's better what's better than that

934

00:36:24,820 --> 00:36:29,650

that's what now you om seeing again

935

00:36:27,190 --> 00:36:31,690

vimrc yeah I've convinced the right

936

00:36:29,650 --> 00:36:34,269

people to hire me again so it's yeah

937

00:36:31,690 --> 00:36:36,940

it's it's it is surreal i always say it

938

00:36:34,269 --> 00:36:39,670

but it's you know to have james randi

939

00:36:36,940 --> 00:36:42,700

know who i am let alone recognize me and

940

00:36:39,670 --> 00:36:44,530

say hi thank me its I just I turn into a

941

00:36:42,699 --> 00:36:46,659
12 year old kid I should get my TV

942
00:36:44,530 --> 00:36:49,180
somebody you had us you had us

943
00:36:46,659 --> 00:36:50,920
completely today when you were doing

944
00:36:49,179 --> 00:36:53,529
your introduction and he said this year

945
00:36:50,920 --> 00:36:56,530
I'm not gonna do a haiku I'm going to do

946
00:36:53,530 --> 00:36:58,540
interpretive dance and I swear I thought

947
00:36:56,530 --> 00:37:00,250
I can't wait to see all the interpretive

948
00:36:58,539 --> 00:37:03,579
day and in the back of my mind I'm

949
00:37:00,250 --> 00:37:05,440
thinking what's he gonna do somebody how

950
00:37:03,579 --> 00:37:07,000
much dancing could possibly happen oh no

951
00:37:05,440 --> 00:37:10,059
this year we do a literature steak that

952
00:37:07,000 --> 00:37:10,989
was a good yeah yeah it's always it's

953
00:37:10,059 --> 00:37:13,659
always something to keep it interesting

954
00:37:10,989 --> 00:37:15,519
and the days fly by yes it's incredible

955
00:37:13,659 --> 00:37:17,170

i was just saying i got backstage at

956

00:37:15,519 --> 00:37:19,269

seven this morning and before i knew it

957

00:37:17,170 --> 00:37:21,789

was six at night yes you know 11 hours

958

00:37:19,269 --> 00:37:24,460

of gumbo yeah it was what 10 speakers

959

00:37:21,789 --> 00:37:25,869

and i was wonderful it's wonderful it

960

00:37:24,460 --> 00:37:27,610

happens and then before you know it

961

00:37:25,869 --> 00:37:29,109

tongue it's all right yeah and then

962

00:37:27,610 --> 00:37:31,180

before you know we're back here right

963

00:37:29,110 --> 00:37:33,400

sitting in the doll room or sydney yeah

964

00:37:31,179 --> 00:37:35,679

or existing yeah yeah which again I am

965

00:37:33,400 --> 00:37:37,809

so excited for I'm so sorry fantastic

966

00:37:35,679 --> 00:37:40,359

yeah George great to see you again my

967

00:37:37,809 --> 00:37:42,579

friend are you a brother horse and we'll

968

00:37:40,360 --> 00:37:44,320

catch up over the course the next few

969

00:37:42,579 --> 00:37:47,230

days and have some good times and then

970
00:37:44,320 --> 00:37:49,660
it'll be the big lead up for Sydney

971
00:37:47,230 --> 00:37:53,070
Sydney yes drink fluids treat through

972
00:37:49,659 --> 00:37:53,069
its words thank you awesome

973
00:37:55,400 --> 00:37:59,460
we are one hundred and fifty-five

974
00:37:57,449 --> 00:38:01,230
skeptics have spun this and tried to

975
00:37:59,460 --> 00:38:04,050
choose which one well I don't want to

976
00:38:01,230 --> 00:38:06,869
touch a skeptic you've been bad I'm just

977
00:38:04,050 --> 00:38:08,130
at the table of the the iig here Jim

978
00:38:06,869 --> 00:38:10,049
underdown is here and some other

979
00:38:08,130 --> 00:38:11,550
pianists ajai me Randy is standing in

980
00:38:10,050 --> 00:38:13,289
front of the psychic wheel is that what

981
00:38:11,550 --> 00:38:16,350
we're calling it yeah this is a this is

982
00:38:13,289 --> 00:38:18,150
a test to test the psychic ability of

983
00:38:16,349 --> 00:38:20,309
skeptics which no one's done to my

984
00:38:18,150 --> 00:38:22,860
knowledge hmm and so now we're going to

985
00:38:20,309 --> 00:38:24,599
ask mr. Randy to test his psychic

986
00:38:22,860 --> 00:38:25,980
ability which we know is prodigious will

987
00:38:24,599 --> 00:38:27,809
have you know I've tried this twice and

988
00:38:25,980 --> 00:38:30,119
I've failed both times I can't

989
00:38:27,809 --> 00:38:32,900
understand it okay so all you need to do

990
00:38:30,119 --> 00:38:36,150
is trace place the little koala bear on

991
00:38:32,900 --> 00:38:37,559
whichever of your favorite people you'll

992
00:38:36,150 --> 00:38:40,440
I don't have any favorite people on

993
00:38:37,559 --> 00:38:42,420
these four maybe the one who just like

994
00:38:40,440 --> 00:38:44,700
the most we have Sylvia Browne John

995
00:38:42,420 --> 00:38:48,659
Edward which is there's one is Theresa

996
00:38:44,699 --> 00:38:51,569
Caputo and doctrine vince van praag

997
00:38:48,659 --> 00:38:54,210
frank i almost said james Van crank but

998

00:38:51,570 --> 00:38:57,000
don't be appropriate ok why don't we do

999
00:38:54,210 --> 00:38:58,710
this just for the recording run Randy go

1000
00:38:57,000 --> 00:39:00,420
ahead take a take a guess at this let's

1001
00:38:58,710 --> 00:39:02,309
see how good you he's placing the Koala

1002
00:39:00,420 --> 00:39:06,480
I want the guest verse by the way not

1003
00:39:02,309 --> 00:39:09,599
after I myself together here what about

1004
00:39:06,480 --> 00:39:11,670
get don't lose the oh he just made the

1005
00:39:09,599 --> 00:39:15,239
college's a beer huh kids back all right

1006
00:39:11,670 --> 00:39:17,820
turn your head okay Sylvia Western

1007
00:39:15,239 --> 00:39:19,859
Reserve there we go that's a still get

1008
00:39:17,820 --> 00:39:24,240
around okay give them real good spin all

1009
00:39:19,860 --> 00:39:30,990
right okay he chose yellow and it came

1010
00:39:24,239 --> 00:39:33,569
up pink oh thanks doing it yeah right

1011
00:39:30,989 --> 00:39:37,049
it's as good as we can't count that a

1012
00:39:33,570 --> 00:39:39,269

shower going details details now

1013

00:39:37,050 --> 00:39:43,620

amazing Randy got a candy or your smell

1014

00:39:39,269 --> 00:39:45,360

again loser again Oh drat yeah well back

1015

00:39:43,619 --> 00:39:48,539

to the old drawing board luckily all joy

1016

00:39:45,360 --> 00:39:50,700

what are you enjoying the tab i would

1017

00:39:48,539 --> 00:39:53,219

suggest you are you always enjoy time

1018

00:39:50,699 --> 00:39:58,019

mr. Andy oh I have a ball at this place

1019

00:39:53,219 --> 00:40:00,059

and and also really rather struck by the

1020

00:39:58,019 --> 00:40:02,639

fact that I could attract people in this

1021

00:40:00,059 --> 00:40:04,199

case from 23 countries yes the world yes

1022

00:40:02,639 --> 00:40:07,199

they read them all out the other Ison

1023

00:40:04,199 --> 00:40:10,049

I've got to face the fact to do start me

1024

00:40:07,199 --> 00:40:11,909

it's the organization is the jf itself

1025

00:40:10,050 --> 00:40:14,190

and the work of the good work that it

1026

00:40:11,909 --> 00:40:16,230

does around the world that they're

1027
00:40:14,190 --> 00:40:19,170
really interested in I just have to be

1028
00:40:16,230 --> 00:40:22,260
the figurehead so I take full advantage

1029
00:40:19,170 --> 00:40:23,579
of that okay and it's remarkable what

1030
00:40:22,260 --> 00:40:24,900
I've actually caught you it's a bit

1031
00:40:23,579 --> 00:40:27,179
quiet out here in the hallway there's a

1032
00:40:24,900 --> 00:40:29,579
talk going on inside it's remarkable I

1033
00:40:27,179 --> 00:40:31,440
can actually pull you away from the PDS

1034
00:40:29,579 --> 00:40:33,840
and you can't help yourself I see you're

1035
00:40:31,440 --> 00:40:36,630
performing some wonderful country tricks

1036
00:40:33,840 --> 00:40:38,340
oh yes the absconding richer that's what

1037
00:40:36,630 --> 00:40:40,470
we call them back to their miracles of

1038
00:40:38,340 --> 00:40:42,840
SMB religious teacher that's where I

1039
00:40:40,469 --> 00:40:45,629
just want later on about that yes and

1040
00:40:42,840 --> 00:40:49,230
it's nice to see you so mobile because a

1041
00:40:45,630 --> 00:40:51,420
couple of times ago you were someone can

1042
00:40:49,230 --> 00:40:53,909
find a will ya incapacitated I had a

1043
00:40:51,420 --> 00:40:55,740
good you know had aneurysms that it

1044
00:40:53,909 --> 00:40:58,230
really crippled me and I was in a

1045
00:40:55,739 --> 00:41:00,179
wheelchair but I had an operation since

1046
00:40:58,230 --> 00:41:03,090
yeah pretty serious was a matter of

1047
00:41:00,179 --> 00:41:05,219
action it almost did be in but medical

1048
00:41:03,090 --> 00:41:07,769
science did the job again what's

1049
00:41:05,219 --> 00:41:10,079
happened quite a lot recently as medical

1050
00:41:07,769 --> 00:41:12,179
things almost doing you in yeah but not

1051
00:41:10,079 --> 00:41:14,009
quite not yet well colon cancer and the

1052
00:41:12,179 --> 00:41:16,139
other thing I had a heart bypass you

1053
00:41:14,010 --> 00:41:20,010
know what's next on the list i dont i

1054
00:41:16,139 --> 00:41:22,619
I've got no parts left are the parts

1055

00:41:20,010 --> 00:41:24,450
that I have less I trust will not go out

1056
00:41:22,619 --> 00:41:27,569
of circulation I certainly hope let's

1057
00:41:24,449 --> 00:41:30,299
not get into details and entities well I

1058
00:41:27,570 --> 00:41:32,039
hope you enjoyed the rest of the amazing

1059
00:41:30,300 --> 00:41:33,630
meeting or then we can start counting

1060
00:41:32,039 --> 00:41:36,059
the days till the next amazing reading

1061
00:41:33,630 --> 00:41:39,519
Oh Andy Andy then I'll be in Australia

1062
00:41:36,059 --> 00:41:41,559
later this evening in Australia yes

1063
00:41:39,519 --> 00:41:44,320
we'll post more details about that the

1064
00:41:41,559 --> 00:41:46,179
suit I'm soon you and I'm soon I'll be

1065
00:41:44,320 --> 00:41:49,260
all right keep usage I'm sure you will

1066
00:41:46,179 --> 00:41:49,259
thank you

1067
00:42:06,159 --> 00:42:10,460
thank you for listening to the skeptic

1068
00:42:08,360 --> 00:42:12,140
son you know we weren't successful in

1069
00:42:10,460 --> 00:42:17,000

our search for Australian coffee but we

1070

00:42:12,139 --> 00:42:19,190

found beer instead I only have four now

1071

00:42:17,000 --> 00:42:21,860

next week's episode is the big three

1072

00:42:19,190 --> 00:42:24,170

hundred the third 300 episode of the

1073

00:42:21,860 --> 00:42:27,019

schedule and Steve novella is mightily

1074

00:42:24,170 --> 00:42:34,309

impressed very impressed we're at 470

1075

00:42:27,019 --> 00:42:36,110

but hailey come in late Steve good to

1076

00:42:34,309 --> 00:42:37,670

see you here again at the amazing

1077

00:42:36,110 --> 00:42:38,990

meeting a lot to look forward to yeah

1078

00:42:37,670 --> 00:42:40,880

always oppose you to see you Richard and

1079

00:42:38,989 --> 00:42:42,919

of course as I was chatting to the guys

1080

00:42:40,880 --> 00:42:44,329

at the top of the show looking forward

1081

00:42:42,920 --> 00:42:46,309

to the big Australian adventure yet

1082

00:42:44,329 --> 00:42:47,599

again and New Zealand yes Australia New

1083

00:42:46,309 --> 00:42:49,909

Zealand we're going to go down under

1084
00:42:47,599 --> 00:42:51,230
with George prob yeah and we're really

1085
00:42:49,909 --> 00:42:52,670
looking forward to it's gonna be a lot

1086
00:42:51,230 --> 00:42:53,900
of fun yeah I'm trying to meet as many

1087
00:42:52,670 --> 00:42:57,170
people as we can while we're down there

1088
00:42:53,900 --> 00:43:00,410
yeah the ticket sales went so well we

1089
00:42:57,170 --> 00:43:01,880
covered all our costs so we're able to

1090
00:43:00,409 --> 00:43:03,440
lower the prices and now even more

1091
00:43:01,880 --> 00:43:05,240
tickets are selling so wonderfully

1092
00:43:03,440 --> 00:43:07,610
pleased about that I have at least 4 40

1093
00:43:05,239 --> 00:43:09,049
50 people there at least ya know if

1094
00:43:07,610 --> 00:43:10,550
there are 60 we're going to be worrying

1095
00:43:09,050 --> 00:43:15,620
you know seating arrangements might be a

1096
00:43:10,550 --> 00:43:17,510
problem anyway so we all have work to do

1097
00:43:15,619 --> 00:43:20,119
we've got at tables next to each other

1098
00:43:17,510 --> 00:43:22,730
merchandise people to meet the skeptics

1099
00:43:20,119 --> 00:43:25,609
to chat to cookies to eat cookies where

1100
00:43:22,730 --> 00:43:27,949
oh yeah oh yeah time to wrap us up time

1101
00:43:25,610 --> 00:43:29,930
directors are so from the amazing

1102
00:43:27,949 --> 00:43:31,159
meeting this is half a skeptic's guide

1103
00:43:29,929 --> 00:43:33,699
the universe and Richard Saunders

1104
00:43:31,159 --> 00:43:33,699
signing off

1105
00:43:35,630 --> 00:43:42,829
you've been listening to the skeptic

1106
00:43:37,849 --> 00:43:46,610
zone visit our website at [www skeptics](http://www.skeptics)

1107
00:43:42,829 --> 00:43:49,539
on TV for comments contacts and extra

1108
00:43:46,610 --> 00:43:49,539
video reports

1109
00:43:52,760 --> 00:43:54,790
Oh