

Show 524

THE
**SKEPTIC
ZONE**
PODCAST

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4 Nov 2018



Skepticon 2018 with
The Sci Babe - part #2
Adam Reakes
Ruth Ellison
Jessica Singer
Tim Mendham

Trish Hann and the
risks of avoiding Ante Natal Care

Skeptics in the Pub
Pine Gap talk with David Rosenberg



1
00:00:11,910 --> 00:00:09,120
welcome to the skeptic zone the podcast

2
00:00:13,930 --> 00:00:11,920
from Australia for science and reason

3
00:00:24,980 --> 00:00:13,940
[Music]

4
00:00:28,130 --> 00:00:24,990
yes it's the skeptic zone podcast

5
00:00:31,190 --> 00:00:28,140
episode number 524 for the 4th of

6
00:00:32,870 --> 00:00:31,200
November 2018 Richardson is here with

7
00:00:37,400 --> 00:00:32,880
you from Sydney Australia West summer

8
00:00:39,890 --> 00:00:37,410
has come muggy weather has come we had a

9
00:00:41,950 --> 00:00:39,900
very warm day a couple of days back

10
00:00:45,020 --> 00:00:41,960
people were melting on the streets

11
00:00:46,940 --> 00:00:45,030
Maynard was melting but may not even

12
00:00:49,180 --> 00:00:46,950
though may not was melting into a puddle

13
00:00:53,240 --> 00:00:49,190

he and I still drove out to the

14

00:00:55,040 --> 00:00:53,250

paranormal and spiritual Expo here in

15

00:00:57,770 --> 00:00:55,050

Cotulla it's been going for seven years

16

00:00:59,479 --> 00:00:57,780

now coming up in a couple of weeks I

17

00:01:01,510 --> 00:00:59,489

think we'll be having some reports and

18

00:01:04,359 --> 00:01:01,520

insights and interviews from that

19

00:01:06,980 --> 00:01:04,369

adventure one of the things I love about

20

00:01:10,160 --> 00:01:06,990

going to those sort of things is when

21

00:01:12,260 --> 00:01:10,170

Maynard speaks to the true believers it

22

00:01:13,969 --> 00:01:12,270

makes for some very interesting

23

00:01:16,070 --> 00:01:13,979

interviews that's something to look

24

00:01:19,070 --> 00:01:16,080

forward to in the coming weeks but this

25

00:01:21,410 --> 00:01:19,080

week coming up this week I will hello to

26
00:01:23,630 --> 00:01:21,420
pete banks and Beth Darlington and all

27
00:01:26,029 --> 00:01:23,640
my friends I saw it the paranormal and

28
00:01:29,389 --> 00:01:26,039
spiritual Expo great people anyway

29
00:01:31,820 --> 00:01:29,399
coming up this week we have part two of

30
00:01:35,240 --> 00:01:31,830
Maynard Series with the vet don't Ramon

31
00:01:38,270 --> 00:01:35,250
the sy babe and event we'll be talking

32
00:01:41,210 --> 00:01:38,280
about supplements and living in trumps

33
00:01:42,949 --> 00:01:41,220
America actually I think she was quite

34
00:01:45,410 --> 00:01:42,959
pleased to visit Australia for a while

35
00:01:48,380 --> 00:01:45,420
following that Maynard speaks to Adam

36
00:01:50,690 --> 00:01:48,390
from the herd mentality podcast also

37
00:01:54,290 --> 00:01:50,700
catches up with roof Ellison who does

38
00:01:56,600 --> 00:01:54,300

the cranky BOTS scientific jewelry she

39

00:01:58,580 --> 00:01:56,610

was there and also Tim Mendham and

40

00:02:00,440 --> 00:01:58,590

Jessica singer from the Australian

41

00:02:02,930 --> 00:02:00,450

skeptics following that it's our

42

00:02:06,790 --> 00:02:02,940

occasional reporter Trish Hann she's

43

00:02:10,460 --> 00:02:06,800

going to be talking about home birth and

44

00:02:14,030 --> 00:02:10,470

the situation I wasn't aware of where

45

00:02:16,570 --> 00:02:14,040

some people refused to have what we

46

00:02:20,449 --> 00:02:16,580

might call standard or necessary or

47

00:02:23,330 --> 00:02:20,459

practical or sensible precautions and

48

00:02:25,430 --> 00:02:23,340

other things like vitamin K injections

49

00:02:29,510 --> 00:02:25,440

altra sounds the sort of things when it

50

00:02:32,360 --> 00:02:29,520

comes to having a baby a very concerning

51
00:02:34,160 --> 00:02:32,370
report from Trish Hann then to round off

52
00:02:34,340 --> 00:02:34,170
the show we head for Sydney skeptics in

53
00:02:40,370 --> 00:02:34,350
the

54
00:02:42,380 --> 00:02:40,380
and talking about his book Pine Gap he

55
00:02:47,560 --> 00:02:42,390
gave a presentation to a roomful of

56
00:02:50,150 --> 00:02:47,570
skeptics about this joint Australian US

57
00:02:53,120 --> 00:02:50,160
intelligence gathering base in the

58
00:02:54,680 --> 00:02:53,130
middle of Australia as a TV show on at

59
00:02:57,200 --> 00:02:54,690
the moment so there's lots of interest

60
00:03:01,070 --> 00:02:57,210
in this he gave a very interesting talk

61
00:03:03,200 --> 00:03:01,080
and some people in the audience yeah and

62
00:03:05,870 --> 00:03:03,210
I'd put very tough questions to him and

63
00:03:08,090 --> 00:03:05,880

it was good of course cuz everybody

64

00:03:09,380 --> 00:03:08,100

deserves to have meaningful but tough

65

00:03:11,720 --> 00:03:09,390

questions to come their way

66

00:03:14,870 --> 00:03:11,730

anyway maenad talks to David Rosenberg

67

00:03:16,460 --> 00:03:14,880

then to mandelino Bilal reporter for the

68

00:03:18,770 --> 00:03:16,470

skeptic so who is at skeptics in the pub

69

00:03:21,500 --> 00:03:18,780

great to see Mandy and also Jessica

70

00:03:25,100 --> 00:03:21,510

Singh and and me but now it's time for

71

00:03:29,090 --> 00:03:25,110

me to run downstairs and I think today I

72

00:03:30,950 --> 00:03:29,100

might enjoy a ham and mustard sandwich I

73

00:03:34,400 --> 00:03:30,960

like the hot English mustard ooh you

74

00:03:35,930 --> 00:03:34,410

know that oh yeah well I do that

75

00:03:38,020 --> 00:03:35,940

oh and a cup of coffee while I do that I

76

00:03:45,850 --> 00:03:38,030

hope you enjoy the sceptic zone

77

00:03:51,540 --> 00:03:45,860

[Music]

78

00:03:59,540 --> 00:03:56,280

here's Maynard spooky action at a

79

00:04:04,949 --> 00:04:01,559

and someone who's scouting out the

80

00:04:06,600 --> 00:04:04,959

situation today is the scythe or I

81

00:04:09,240 --> 00:04:06,610

should how you say your surname is fetch

82

00:04:10,860 --> 00:04:09,250

Dion trimmer we're close it's Yvette

83

00:04:12,180 --> 00:04:10,870

don't formal and and correct

84

00:04:13,470 --> 00:04:12,190

pronunciation on the side way but I

85

00:04:15,030 --> 00:04:13,480

don't think that was our concern and

86

00:04:16,560 --> 00:04:15,040

thank you for having me here at at

87

00:04:18,900 --> 00:04:16,570

Australian sceptics pumpkins very

88

00:04:20,039 --> 00:04:18,910

exciting movies they do any slightly

89

00:04:22,110 --> 00:04:20,049

better in the forensics can because

90

00:04:23,430 --> 00:04:22,120

there's one with Angelique Jolie bones

91

00:04:24,870 --> 00:04:23,440

or something like that there was one

92

00:04:26,310 --> 00:04:24,880

where and there's a lot about the

93

00:04:27,930 --> 00:04:26,320

contamination in the crime scene in that

94

00:04:31,500 --> 00:04:27,940

and all sorts of things that one I've

95

00:04:34,710 --> 00:04:31,510

tried to see that I don't think hmm I

96

00:04:35,879 --> 00:04:34,720

I'm just I'm not sure if I I'm gonna

97

00:04:37,469 --> 00:04:35,889

have to go with I don't I don't remember

98

00:04:39,510 --> 00:04:37,479

that one well it's a comment but I just

99

00:04:40,980 --> 00:04:39,520

basically do you make you the person in

100

00:04:43,620 --> 00:04:40,990

the movie just eyes their pencils on the

101
00:04:45,360 --> 00:04:43,630
floor the nuts in the air got ha yeah

102
00:04:47,700 --> 00:04:45,370
it's kind of like it's like a doctor

103
00:04:49,050 --> 00:04:47,710
watching house no no can't do it and

104
00:04:50,879 --> 00:04:49,060
it's like it's like I love the show

105
00:04:53,460 --> 00:04:50,889
house but it's like I can't

106
00:04:56,010 --> 00:04:53,470
I know watching it like because I I have

107
00:04:57,390 --> 00:04:56,020
a few like my body's kind of a lemon

108
00:04:58,529 --> 00:04:57,400
like there there are just things that

109
00:05:01,170 --> 00:04:58,539
I'm like how are these many things

110
00:05:02,730 --> 00:05:01,180
broken yeah I think we can't send it

111
00:05:04,950 --> 00:05:02,740
back to the factory and get a new if we

112
00:05:06,900 --> 00:05:04,960
just have to start start over but like

113
00:05:08,400 --> 00:05:06,910

I've been on a few of the medications

114

00:05:09,690 --> 00:05:08,410

that they've shown on the show and I've

115

00:05:12,560 --> 00:05:09,700

had a few of the but it's like whenever

116

00:05:14,790 --> 00:05:12,570

they show it they show the cartoonish

117

00:05:17,400 --> 00:05:14,800

representation of things like there was

118

00:05:19,469 --> 00:05:17,410

they had a like I've been on a seizure

119

00:05:21,779 --> 00:05:19,479

medication for a headache condition that

120

00:05:23,760 --> 00:05:21,789

I have whole range of side effects it's

121

00:05:25,560 --> 00:05:23,770

they can and I mean you kind of find one

122

00:05:27,870 --> 00:05:25,570

based on how well it works for pain

123

00:05:29,700 --> 00:05:27,880

management and how well you tolerate the

124

00:05:31,680 --> 00:05:29,710

side effects and one of the side effects

125

00:05:33,900 --> 00:05:31,690

of this which is what they focused on on

126

00:05:36,300 --> 00:05:33,910

house was that it can cause aphasia and

127

00:05:39,180 --> 00:05:36,310

aphasia sometimes sometimes it can cause

128

00:05:40,770 --> 00:05:39,190

me to be a little stuttery and other

129

00:05:42,810 --> 00:05:40,780

times it can just cause you to sit there

130

00:05:44,400 --> 00:05:42,820

and go I can't find my words like you'll

131

00:05:46,020 --> 00:05:44,410

kind of see the first letter of it or

132

00:05:48,150 --> 00:05:46,030

you'll see it in front of you and you

133

00:05:49,800 --> 00:05:48,160

can't say it and the worst part of that

134

00:05:52,080 --> 00:05:49,810

is I'll be doing podcasts or I'll be on

135

00:05:53,670 --> 00:05:52,090

stage and I can't but watching another

136

00:05:55,830 --> 00:05:53,680

Brian I'll be working but the difficulty

137

00:05:57,540 --> 00:05:55,840

is converting it into space rock but the

138

00:06:00,150 --> 00:05:57,550

way they showed this on house would this

139

00:06:01,710 --> 00:06:00,160

this guy like he he'd hit his head and

140

00:06:03,420 --> 00:06:01,720

it turned out that he was trying he had

141

00:06:04,830 --> 00:06:03,430

been trying to treat bipolar disorder

142

00:06:06,659 --> 00:06:04,840

with this medication and it's very

143

00:06:08,779 --> 00:06:06,669

rarely used to try like it's used as

144

00:06:11,730 --> 00:06:08,789

kind of a last-ditch effort for that but

145

00:06:12,210 --> 00:06:11,740

they were showing it like he couldn't

146

00:06:14,580 --> 00:06:12,220

get us

147

00:06:16,560 --> 00:06:14,590

single word out that was accurate he was

148

00:06:20,430 --> 00:06:16,570

saying things like I couldn't tackle the

149

00:06:22,140 --> 00:06:20,440

bear the state like yeah it's like like

150

00:06:24,660 --> 00:06:22,150

it was there was nothing that made any

151
00:06:26,400 --> 00:06:24,670
sense like the weird for me I would say

152
00:06:28,290 --> 00:06:26,410
words that sounded like the word that I

153
00:06:30,720 --> 00:06:28,300
was looking for like one day I had left

154
00:06:32,340 --> 00:06:30,730
my shoes and my friend's garage and this

155
00:06:35,130 --> 00:06:32,350
was like one of the weirder but more

156
00:06:37,440 --> 00:06:35,140
like more concrete examples and I was

157
00:06:39,450 --> 00:06:37,450
that I said to her I'm like yeah I think

158
00:06:41,280 --> 00:06:39,460
I left my shoes in the giraffe like

159
00:06:42,660 --> 00:06:41,290
which was just it was the first time

160
00:06:44,520 --> 00:06:42,670
like I'd only been on the medication for

161
00:06:46,650 --> 00:06:44,530
a few weeks I'm like what the hell where

162
00:06:47,790 --> 00:06:46,660
did that come from but like that's kind

163
00:06:50,040 --> 00:06:47,800

of the type of thing that would happen

164

00:06:52,760 --> 00:06:50,050

the medications called topamax it was a

165

00:06:54,300 --> 00:06:52,770

really great episode of the show but

166

00:06:57,420 --> 00:06:54,310

watching the way they represented

167

00:06:59,820 --> 00:06:57,430

someone's brain on this was just so

168

00:07:02,280 --> 00:06:59,830

inaccurate and that you know stuff like

169

00:07:05,850 --> 00:07:02,290

that like exaggerations on the weirdest

170

00:07:08,040 --> 00:07:05,860

like most rare part of of a disorder

171

00:07:09,690 --> 00:07:08,050

happened a lot and it's like I I imagine

172

00:07:12,180 --> 00:07:09,700

if me just watching this is someone

173

00:07:15,000 --> 00:07:12,190

who's had chronic illness issues sees

174

00:07:16,800 --> 00:07:15,010

all this my god what is a doctor see it

175

00:07:18,060 --> 00:07:16,810

has to be it has to be a lot I've got a

176

00:07:19,980 --> 00:07:18,070

couple of chronic illness people here

177

00:07:21,630 --> 00:07:19,990

this Alice for skeptics indicator she

178

00:07:22,830 --> 00:07:21,640

had some chronic issues as well do you

179

00:07:24,659 --> 00:07:22,840

think there's anything in skepticism

180

00:07:26,880 --> 00:07:24,669

linked there because your first-hand

181

00:07:29,400 --> 00:07:26,890

experience of science I would guess and

182

00:07:31,380 --> 00:07:29,410

I mean my my illnesses were what kind of

183

00:07:33,930 --> 00:07:31,390

led me to this I got worst headache of

184

00:07:35,670 --> 00:07:33,940

my life one day never went away and if I

185

00:07:37,440 --> 00:07:35,680

hadn't known these this cluster of

186

00:07:38,430 --> 00:07:37,450

headache symptoms exists I wouldn't have

187

00:07:39,870 --> 00:07:38,440

believed it

188

00:07:41,550 --> 00:07:39,880

basically the left side of my head if I

189

00:07:45,000 --> 00:07:41,560

wasn't on medication would always have a

190

00:07:46,980 --> 00:07:45,010

dull ache and then it's before I was put

191

00:07:48,330 --> 00:07:46,990

on meds anywhere from 60 to a couple

192

00:07:50,310 --> 00:07:48,340

hundred times a day I would feel like I

193

00:07:53,400 --> 00:07:50,320

was being stabbed in the eye by a knife

194

00:07:54,450 --> 00:07:53,410

that's on fire which highly recommend

195

00:07:56,610 --> 00:07:54,460

it's awesome

196

00:07:58,770 --> 00:07:56,620

no anyway so how could you get anything

197

00:08:01,320 --> 00:07:58,780

done did you manage to get anything done

198

00:08:03,150 --> 00:08:01,330

a lot of crying and being miserable like

199

00:08:05,130 --> 00:08:03,160

the first two weeks was just do I have a

200

00:08:06,840 --> 00:08:05,140

scientist infection and am I getting my

201
00:08:08,310 --> 00:08:06,850
gray I just didn't know you know so we

202
00:08:10,620 --> 00:08:08,320
went through the progression of things

203
00:08:12,120 --> 00:08:10,630
and like after the first few weeks

204
00:08:13,830 --> 00:08:12,130
you're miserable and you think it's

205
00:08:15,540 --> 00:08:13,840
going to end eventually after like three

206
00:08:17,100 --> 00:08:15,550
months you're like hoping you still have

207
00:08:18,810 --> 00:08:17,110
hope that one day you'll find a thing

208
00:08:21,630 --> 00:08:18,820
that fixes it and after eight months

209
00:08:23,880 --> 00:08:21,640
you're like you're I mean I wasn't I

210
00:08:24,790 --> 00:08:23,890
wasn't suicidally depressed but I was

211
00:08:26,050 --> 00:08:24,800
like man if

212
00:08:28,089 --> 00:08:26,060
that they don't find a way to fix this

213
00:08:30,339 --> 00:08:28,099

in three years I'm not gonna I can't do

214

00:08:32,740 --> 00:08:30,349

this for another sixty and I mean this

215

00:08:35,079 --> 00:08:32,750

got real quickly but you know it's it's

216

00:08:37,300 --> 00:08:35,089

that thing where people don't understand

217

00:08:39,190 --> 00:08:37,310

how badly chronic pain affects your life

218

00:08:41,620 --> 00:08:39,200

and like I looked really healthy I was a

219

00:08:43,990 --> 00:08:41,630

runner I'd like I'd lost I was like you

220

00:08:45,579 --> 00:08:44,000

know if this is going wrong with me

221

00:08:47,860 --> 00:08:45,589

let's make sure that everything else is

222

00:08:49,360 --> 00:08:47,870

healthy so I started eating ridiculously

223

00:08:51,579 --> 00:08:49,370

healthy I started going to the gym all

224

00:08:52,870 --> 00:08:51,589

the time and you know I fell for all

225

00:08:55,750 --> 00:08:52,880

those things the internet saying it's

226

00:08:57,579 --> 00:08:55,760

the toxins I started I went vegan I went

227

00:09:00,280 --> 00:08:57,589

organic I did all the things and it

228

00:09:01,840 --> 00:09:00,290

turned out what I needed was medicine so

229

00:09:04,720 --> 00:09:01,850

similar thing happened to me in the

230

00:09:06,850 --> 00:09:04,730

early 90s I was take and I was but every

231

00:09:09,190 --> 00:09:06,860

joint in my body ached except my knees

232

00:09:11,680 --> 00:09:09,200

started aching and it was just in the

233

00:09:13,990 --> 00:09:11,690

morning I wake up and eventually and I

234

00:09:15,759 --> 00:09:14,000

only realized this in retrospect I was

235

00:09:18,880 --> 00:09:15,769

taking a supplement called lysine

236

00:09:20,319 --> 00:09:18,890

complex and one day I went to the health

237

00:09:21,790 --> 00:09:20,329

store to get it because I thought it was

238

00:09:23,380 --> 00:09:21,800

helping me sleep and it wasn't there

239

00:09:25,660 --> 00:09:23,390

other that it's not viable anymore and I

240

00:09:27,310 --> 00:09:25,670

went oh okay and then then the symptoms

241

00:09:28,990 --> 00:09:27,320

went away and then I was watching a

242

00:09:30,280 --> 00:09:29,000

Discovery Channel documentary a few

243

00:09:32,590 --> 00:09:30,290

weeks like I don't know a few years

244

00:09:34,510 --> 00:09:32,600

later and at that time the only lysine

245

00:09:39,699 --> 00:09:34,520

complex was Japan was one of the major

246

00:09:42,280 --> 00:09:39,709

it was polluted or water contaminated

247

00:09:45,040 --> 00:09:42,290

with strychnine I was having a low-level

248

00:09:46,510 --> 00:09:45,050

continuous strychnine poisoning that's I

249

00:09:48,790 --> 00:09:46,520

was going to immunologists and they

250

00:09:50,139 --> 00:09:48,800

worked all the way to HIV and back and

251
00:09:51,639 --> 00:09:50,149
everything and he couldn't think and of

252
00:09:52,990 --> 00:09:51,649
cause no one ran a tox screen why would

253
00:09:54,519 --> 00:09:53,000
you run a tox screen

254
00:09:55,750 --> 00:09:54,529
yeah because it wasn't even worth

255
00:09:57,400 --> 00:09:55,760
mentioning to him I was taking this

256
00:09:59,110 --> 00:09:57,410
herbal supplement and that's what it was

257
00:10:00,850 --> 00:09:59,120
like seeing complex from Japan in the

258
00:10:02,230 --> 00:10:00,860
early 90s look it up on the internet it

259
00:10:04,540 --> 00:10:02,240
was contaminated with strychnine which I

260
00:10:07,060 --> 00:10:04,550
believe it's pretty poisonous deadly I

261
00:10:08,680 --> 00:10:07,070
mean there are so many it's and this is

262
00:10:10,960 --> 00:10:08,690
why I tell people if you're gonna use a

263
00:10:13,870 --> 00:10:10,970

supplement I mean there's there's pretty

264

00:10:16,000 --> 00:10:13,880

much nothing on the market in the in the

265

00:10:17,980 --> 00:10:16,010

supplement market other than a very very

266

00:10:20,079 --> 00:10:17,990

small handful of them that can be used

267

00:10:22,449 --> 00:10:20,089

for for gaining muscle mass and please

268

00:10:25,569 --> 00:10:22,459

you know talk to talk to a review the

269

00:10:28,720 --> 00:10:25,579

roads a fool it's well crits they found

270

00:10:31,660 --> 00:10:28,730

that creatinine 5 to 10 creatinine 5 to

271

00:10:33,639 --> 00:10:31,670

10 milligrams a day along with a high

272

00:10:35,710 --> 00:10:33,649

protein diet and I end an exercise

273

00:10:38,500 --> 00:10:35,720

routine in which are lifting Ken for

274

00:10:40,960 --> 00:10:38,510

some people help with within

275

00:10:43,180 --> 00:10:40,970

muscle mass but it doesn't like some

276

00:10:45,340 --> 00:10:43,190

people don't respond to it it's a fairly

277

00:10:46,780 --> 00:10:45,350

inexpensive supplement and if you're

278

00:10:48,069 --> 00:10:46,790

trying to lift and gain muscle mass

279

00:10:50,949 --> 00:10:48,079

nothing wrong with it there are a small

280

00:10:52,930 --> 00:10:50,959

handful of other ones that if you're if

281

00:10:55,960 --> 00:10:52,940

your big thing is that you're a lifter

282

00:10:58,030 --> 00:10:55,970

bodybuilder can be useful but the main

283

00:10:59,470 --> 00:10:58,040

one that almost everyone will recommend

284

00:11:01,150 --> 00:10:59,480

that's in the bodybuilding lifting world

285

00:11:04,509 --> 00:11:01,160

its creatinine tons of evidence that it

286

00:11:07,360 --> 00:11:04,519

works the other ones that like basically

287

00:11:08,680 --> 00:11:07,370

folic acid if you are trying to get

288

00:11:10,689 --> 00:11:08,690

pregnant or if you are currently

289

00:11:13,629 --> 00:11:10,699

pregnant that one absolutely proof that

290

00:11:15,400 --> 00:11:13,639

it works and then they kind of drop off

291

00:11:18,129 --> 00:11:15,410

from there so if you're someone who has

292

00:11:20,530 --> 00:11:18,139

an absorption issue or if you're someone

293

00:11:22,449 --> 00:11:20,540

who your body your doctors said yep your

294

00:11:25,389 --> 00:11:22,459

blood levels came back and you're low on

295

00:11:27,790 --> 00:11:25,399

this you know obviously try to manage it

296

00:11:30,040 --> 00:11:27,800

with diet first but you know if you're

297

00:11:32,290 --> 00:11:30,050

if you haven't heard from a doctor you

298

00:11:34,360 --> 00:11:32,300

need to take a supplement for this don't

299

00:11:36,759 --> 00:11:34,370

take one like you don't need you are not

300

00:11:41,379 --> 00:11:36,769

milk thistle deficient okay you're not

301
00:11:43,269 --> 00:11:41,389
you are not you deficient on on all

302
00:11:44,800 --> 00:11:43,279
these random little things from plants

303
00:11:47,170 --> 00:11:44,810
that you've never heard of you're not

304
00:11:49,870 --> 00:11:47,180
ginseng deficient I promise you and

305
00:11:52,030 --> 00:11:49,880
especially and I mean it's I I get it

306
00:11:53,769 --> 00:11:52,040
that it's that you know we're also not

307
00:11:55,269 --> 00:11:53,779
Cheetos deficient like there are a lot

308
00:11:56,710 --> 00:11:55,279
of there are a lot of things that we can

309
00:11:59,110 --> 00:11:56,720
deal with less of but I mean you

310
00:12:01,240 --> 00:11:59,120
absolutely don't need a supplement from

311
00:12:03,400 --> 00:12:01,250
an unregulated industry that you have no

312
00:12:05,079 --> 00:12:03,410
idea what's in that thing because we've

313
00:12:06,579 --> 00:12:05,089

seen from testing that some of these

314

00:12:08,800 --> 00:12:06,589

don't contain the amount or the

315

00:12:10,900 --> 00:12:08,810

ingredients that they say they do so

316

00:12:12,730 --> 00:12:10,910

please be careful with your health talk

317

00:12:14,500 --> 00:12:12,740

to your doctor if you want to see if

318

00:12:17,139 --> 00:12:14,510

you're low on any vitamins or any

319

00:12:19,439 --> 00:12:17,149

nutrients but you know don't don't get

320

00:12:22,720 --> 00:12:19,449

yourself a strychnine you know

321

00:12:23,650 --> 00:12:22,730

contaminated yeah and because the reason

322

00:12:24,639 --> 00:12:23,660

was on the shelves is because the

323

00:12:26,139 --> 00:12:24,649

government removed it because they

324

00:12:27,579 --> 00:12:26,149

tested it in some studies I removed it

325

00:12:28,780 --> 00:12:27,589

from the country and because no one in

326

00:12:30,280 --> 00:12:28,790

the health food store told me that

327

00:12:31,780 --> 00:12:30,290

that's why I wasn't on the Shelf anymore

328

00:12:33,340 --> 00:12:31,790

I thought it was some overbearing

329

00:12:34,900 --> 00:12:33,350

government regulation that had taken it

330

00:12:36,730 --> 00:12:34,910

away from me I didn't know that I've

331

00:12:38,949 --> 00:12:36,740

gotten less angry about government

332

00:12:40,689 --> 00:12:38,959

regulations the more I've seen bad

333

00:12:42,490 --> 00:12:40,699

science helps America what's it like

334

00:12:44,879 --> 00:12:42,500

being a science communicator in Trump's

335

00:12:48,400 --> 00:12:44,889

America it's do you have some tissues

336

00:12:50,230 --> 00:12:48,410

it's and I mean it's like I don't want

337

00:12:51,630 --> 00:12:50,240

to say I've given up but I've given up

338

00:12:54,180 --> 00:12:51,640

like it's

339

00:12:56,010 --> 00:12:54,190

I do when when you know I have to fight

340

00:12:58,200 --> 00:12:56,020

with with skeptics to get them to

341

00:13:00,000 --> 00:12:58,210

believe that that climate change is real

342

00:13:02,430 --> 00:13:00,010

like that's that has been the biggest

343

00:13:04,500 --> 00:13:02,440

surprise to me that skeptics are like

344

00:13:06,540 --> 00:13:04,510

don't believe in climate change and like

345

00:13:08,880 --> 00:13:06,550

there has been at least in America this

346

00:13:10,470 --> 00:13:08,890

huge invasion of people who call

347

00:13:12,060 --> 00:13:10,480

themselves skeptics and what they're

348

00:13:14,940 --> 00:13:12,070

skeptical what they're skeptical about

349

00:13:16,200 --> 00:13:14,950

isn't bad science they're not skeptical

350

00:13:19,290 --> 00:13:16,210

about the things that are hurting people

351
00:13:21,420 --> 00:13:19,300
they want to be skeptical about feminism

352
00:13:23,460 --> 00:13:21,430
and I'm like how is it like has we have

353
00:13:24,960 --> 00:13:23,470
other fish to fry right now that's

354
00:13:26,670 --> 00:13:24,970
really hurting people and you know what

355
00:13:29,130 --> 00:13:26,680
I get it everyone has their different

356
00:13:31,440 --> 00:13:29,140
things i paradise but this is Trump

357
00:13:33,090 --> 00:13:31,450
sucks a lot out of the news cycle too so

358
00:13:34,920 --> 00:13:33,100
everything particularly in the US I

359
00:13:36,090 --> 00:13:34,930
imagine related to him and sure he's

360
00:13:38,220 --> 00:13:36,100
what he's doing has far-reaching

361
00:13:39,630 --> 00:13:38,230
consequences without a doubt but there's

362
00:13:41,250 --> 00:13:39,640
other things that are going unreported

363
00:13:44,460 --> 00:13:41,260

because of that and I guess that would

364

00:13:46,550 --> 00:13:44,470

be a problem it's yeah I mean there are

365

00:13:48,450 --> 00:13:46,560

things that Trump does that go

366

00:13:50,910 --> 00:13:48,460

underreported because of all the things

367

00:13:52,830 --> 00:13:50,920

that Trump's doing like there there have

368

00:13:54,840 --> 00:13:52,840

been major cuts to different to

369

00:13:57,630 --> 00:13:54,850

different educational agencies there

370

00:14:00,060 --> 00:13:57,640

have been cuts to I believe some of the

371

00:14:01,920 --> 00:14:00,070

student loan repayment programs and it's

372

00:14:03,270 --> 00:14:01,930

it's kind of maddening when you're

373

00:14:06,300 --> 00:14:03,280

looking at this going I just want to get

374

00:14:08,520 --> 00:14:06,310

people educated and hopefully have

375

00:14:10,800 --> 00:14:08,530

everyone who wants to and has the

376

00:14:13,980 --> 00:14:10,810

capability to study science go as far as

377

00:14:15,900 --> 00:14:13,990

their attitude and and their their

378

00:14:17,970 --> 00:14:15,910

willingness to work hard we'll take them

379

00:14:20,460 --> 00:14:17,980

and I don't feel like we're that country

380

00:14:22,800 --> 00:14:20,470

anymore and that really depresses me and

381

00:14:24,750 --> 00:14:22,810

it's just I like once upon a time I

382

00:14:27,410 --> 00:14:24,760

thought that it was worth fighting for

383

00:14:30,600 --> 00:14:27,420

it and I I I hope I get that back

384

00:14:32,130 --> 00:14:30,610

president Elizabeth Warren in would that

385

00:14:33,930 --> 00:14:32,140

how long would it take to turn the boat

386

00:14:35,520 --> 00:14:33,940

around again assuming there was a

387

00:14:38,850 --> 00:14:35,530

majority in the Senate and the lower

388

00:14:41,550 --> 00:14:38,860

house it does I mean where we are hoping

389

00:14:42,930 --> 00:14:41,560

it does seem like there will be that

390

00:14:46,020 --> 00:14:42,940

we're gonna retake at least the house

391

00:14:47,180 --> 00:14:46,030

possibly the Senate with this coming

392

00:14:50,280 --> 00:14:47,190

election in a couple weeks

393

00:14:51,450 --> 00:14:50,290

what if Hillary wants to run again well

394

00:14:54,630 --> 00:14:51,460

it doesn't seem like she will I mean

395

00:14:56,820 --> 00:14:54,640

she's she said she won't I hope and I

396

00:14:59,520 --> 00:14:56,830

mean I might get there's some flak from

397

00:15:01,740 --> 00:14:59,530

your listeners but I hope Bernie Sanders

398

00:15:04,120 --> 00:15:01,750

doesn't and it's not it's it's not

399

00:15:05,890 --> 00:15:04,130

because I won't vote if he if he somehow

400

00:15:08,650 --> 00:15:05,900

does get the nomination I will vote for

401
00:15:10,660 --> 00:15:08,660
whoever has the D after their name on

402
00:15:13,030 --> 00:15:10,670
the ballot it's there's just there's

403
00:15:14,650 --> 00:15:13,040
there's no let's get none Chomsky and

404
00:15:18,870 --> 00:15:14,660
nut mock about yeah let's just let's go

405
00:15:23,009 --> 00:15:21,240
look I've got a fellow podcaster here in

406
00:15:25,199 --> 00:15:23,019
the foyer who've we got our Adam from

407
00:15:27,120 --> 00:15:25,209
the herd mentality podcast which is been

408
00:15:28,889 --> 00:15:27,130
around for ages it's well known and no

409
00:15:30,870 --> 00:15:28,899
you just saying you've got a few patrons

410
00:15:32,579 --> 00:15:30,880
now we're just sort of balancing the

411
00:15:35,220 --> 00:15:32,589
costs of the show but it's a tough slog

412
00:15:37,230 --> 00:15:35,230
isn't it it is and the amount of work

413
00:15:39,240 --> 00:15:37,240

and editing goes into this trying to

414

00:15:42,600 --> 00:15:39,250

edit out arms ours the rest of it you're

415

00:15:44,490 --> 00:15:42,610

nodding heavily in agreement there when

416

00:15:47,280 --> 00:15:44,500

I do bunga bunga with Tim Ferguson like

417

00:15:49,110 --> 00:15:47,290

that show there's something like 328

418

00:15:50,579 --> 00:15:49,120

edits in a half-hour show and then I've

419

00:15:51,900 --> 00:15:50,589

got to find all the bits and pieces of

420

00:15:53,460 --> 00:15:51,910

music and stuff in that and I'm

421

00:15:55,050 --> 00:15:53,470

exhausted it's like almost three or four

422

00:15:56,249 --> 00:15:55,060

days by the time that's going on you get

423

00:15:57,420 --> 00:15:56,259

plenty of mentions I mean I've even

424

00:15:59,759 --> 00:15:57,430

heard you I think I've heard your show

425

00:16:02,100 --> 00:15:59,769

mentioned I'm no agenda I think oh well

426

00:16:04,319 --> 00:16:02,110

I've heard your show mentioned and a

427

00:16:07,620 --> 00:16:04,329

wide range of things so been on my show

428

00:16:10,740 --> 00:16:07,630

I have been on show last time was with

429

00:16:12,900 --> 00:16:10,750

Tim Ferguson when we're at yes we're at

430

00:16:14,819 --> 00:16:12,910

skeptics in the pub oh well maybe I'm in

431

00:16:16,499 --> 00:16:14,829

this event last year and the ability to

432

00:16:19,199 --> 00:16:16,509

do lots of voices and things and that's

433

00:16:21,120 --> 00:16:19,209

something I can never do well they're

434

00:16:23,069 --> 00:16:21,130

not good voices are you make an

435

00:16:25,170 --> 00:16:23,079

attempted their poor approximations of

436

00:16:28,170 --> 00:16:25,180

other people hmm that's about as good as

437

00:16:29,519 --> 00:16:28,180

I can get you've been on cognitive

438

00:16:32,009 --> 00:16:29,529

dissidence and a few ones like that as

439

00:16:34,090 --> 00:16:32,019

well yeah Tom Cecil been on scathing

440

00:16:36,550 --> 00:16:34,100

atheist several times

441

00:16:39,970 --> 00:16:36,560

making fun of the usual religious nut

442

00:16:41,440 --> 00:16:39,980

bagger II that that goes on but yeah the

443

00:16:44,230 --> 00:16:41,450

more fun they would get you to do the

444

00:16:46,660 --> 00:16:44,240

Ken Ham voice with no no more of a Ray

445

00:16:49,990 --> 00:16:46,670

Comfort that becomes that prefer my Ray

446

00:16:52,270 --> 00:16:50,000

Comfort we are I get very very angry

447

00:16:53,290 --> 00:16:52,280

about things that are really doesn't

448

00:16:55,210 --> 00:16:53,300

make much sense at all

449

00:16:56,830 --> 00:16:55,220

well personally what gets what gets your

450

00:16:58,180 --> 00:16:56,840

skeptical goat most of the time there's

451

00:17:00,100 --> 00:16:58,190

the goat in the field they're skeptical

452

00:17:03,220 --> 00:17:00,110

goat but what is it I'm heading off to

453

00:17:04,990 --> 00:17:03,230

get my goat yes just just like it's just

454

00:17:09,340 --> 00:17:05,000

just people wet weather knowingly or

455

00:17:12,010 --> 00:17:09,350

unknowingly live and perhaps finding

456

00:17:14,710 --> 00:17:12,020

ways to better help them and their

457

00:17:18,990 --> 00:17:14,720

thought processes in order to believe

458

00:17:21,730 --> 00:17:19,000

less noises and more true things because

459

00:17:24,069 --> 00:17:21,740

this came up topic the conversation the

460

00:17:26,140 --> 00:17:24,079

other day I love paying taxes I just got

461

00:17:27,760 --> 00:17:26,150

my tax refund back but I love paying

462

00:17:30,030 --> 00:17:27,770

taxes I don't mind paying a lot of tax

463

00:17:33,940 --> 00:17:30,040

because I know it goes towards education

464

00:17:36,580 --> 00:17:33,950

and that then leads into a society where

465

00:17:39,220 --> 00:17:36,590

I have to put up with fewer idiots there

466

00:17:41,050 --> 00:17:39,230

are a plethora of different topics that

467

00:17:44,050 --> 00:17:41,060

are being discussed here at the skeptics

468

00:17:49,210 --> 00:17:44,060

convention we've just had upon a speaker

469

00:17:51,400 --> 00:17:49,220

ELISA - nice doing a speech on gal

470

00:17:53,950 --> 00:17:51,410

ability which I thought was absolutely

471

00:17:56,020 --> 00:17:53,960

fabulous because that's an interest of

472

00:17:58,450 --> 00:17:56,030

mine why do people and I work in sales

473

00:18:00,820 --> 00:17:58,460

so I rely on people being gullible in

474

00:18:02,620 --> 00:18:00,830

order to buy my stuff bit like being a

475

00:18:04,520 --> 00:18:02,630

podcaster they've got to be gullible to

476

00:18:06,110 --> 00:18:04,530

give me their money

477

00:18:07,760 --> 00:18:06,120

if we made it produce the sort of

478

00:18:09,740 --> 00:18:07,770

nonsense that I produce yeah

479

00:18:11,630 --> 00:18:09,750

so if I can either learn how to exploit

480

00:18:14,630 --> 00:18:11,640

it better that puts me in a better

481

00:18:17,300 --> 00:18:14,640

position or if I can help them overcome

482

00:18:18,710 --> 00:18:17,310

their obstacles to not be ripped off

483

00:18:21,250 --> 00:18:18,720

then maybe they'll have more money to

484

00:18:24,200 --> 00:18:21,260

give me of their own volition

485

00:18:28,520 --> 00:18:24,210

self-interest in both camp okay radical

486

00:18:29,900 --> 00:18:28,530

selfie as much as a lista might think

487

00:18:31,790 --> 00:18:29,910

it's kind of weird for me to give money

488

00:18:34,130 --> 00:18:31,800

to a podcaster from the other side of

489

00:18:36,290 --> 00:18:34,140

the thing as a podcaster I am completely

490

00:18:38,660 --> 00:18:36,300

surprised when anyone actually goes he's

491

00:18:39,770 --> 00:18:38,670

a dollar a month yeah it's like oh wow

492

00:18:41,030 --> 00:18:39,780

and you really shouldn't be surprised

493

00:18:42,770 --> 00:18:41,040

because it's very nice of them but it

494

00:18:45,860 --> 00:18:42,780

just comes as a slight shock doesn't it

495

00:18:48,020 --> 00:18:45,870

on the very odd occasion when the

496

00:18:49,520 --> 00:18:48,030

patreon email pops up and says you've

497

00:18:51,500 --> 00:18:49,530

been paid a dollar and seventeen cents

498

00:18:52,820 --> 00:18:51,510

for all your hard work at this

499

00:18:56,900 --> 00:18:52,830

particular month you didn't publish an

500

00:18:59,360 --> 00:18:56,910

episode on start look the herd mentality

501
00:19:03,170 --> 00:18:59,370
podcast for those who haven't yet had

502
00:19:07,040 --> 00:19:03,180
the misfortune of oh it's you'll either

503
00:19:09,770 --> 00:19:07,050
laugh or cry probably both but I do like

504
00:19:12,820 --> 00:19:09,780
to mix in a fair chunk of humour whereby

505
00:19:18,110 --> 00:19:12,830
it's your life first that think later

506
00:19:19,280 --> 00:19:18,120
maybe much later have a good time you

507
00:19:21,410 --> 00:19:19,290
got a bit of a theme over what you're

508
00:19:23,060 --> 00:19:21,420
gonna be doing over this podcast weekend

509
00:19:24,890 --> 00:19:23,070
for yourself much the same as you are

510
00:19:26,540 --> 00:19:24,900
main out running around if you find out

511
00:19:29,660 --> 00:19:26,550
what's going on then get it later

512
00:19:32,500 --> 00:19:29,670
I ambush people in fact is there's

513
00:19:36,920 --> 00:19:32,510

somebody right now Heidi from the

514

00:19:38,990 --> 00:19:36,930

vaccinations oh yes yes yes now she's an

515

00:19:41,270 --> 00:19:39,000

absolute dead set champion she said she

516

00:19:42,560 --> 00:19:41,280

sent me a tweet during the show it said

517

00:19:45,800 --> 00:19:42,570

that we've got to catch up for coffee so

518

00:19:47,110 --> 00:19:45,810

soon so look boy look forward to hearing

519

00:19:51,020 --> 00:19:47,120

that and where can we catch your show

520

00:19:53,680 --> 00:19:51,030

hurt mentality podcast heard for those

521

00:19:55,150 --> 00:19:53,690

who can't spell or get the the joke

522

00:20:00,669 --> 00:19:55,160

may not have been an absolute pleasure

523

00:20:02,350 --> 00:20:00,679

seeing you again yay okay look now which

524

00:20:02,980 --> 00:20:02,360

one of you two is the spokesperson for

525

00:20:07,539 --> 00:20:02,990

the jewelry

526

00:20:09,700 --> 00:20:07,549

both of us Elsa and roof know it's

527

00:20:12,070 --> 00:20:09,710

always a bit like bit the reason party

528

00:20:13,659 --> 00:20:12,080

in politics sceptical jury is a bit of a

529

00:20:15,490 --> 00:20:13,669

hard sell sometimes does people can't

530

00:20:17,110 --> 00:20:15,500

see the connection can they no but I

531

00:20:19,180 --> 00:20:17,120

think what lucky in camera people are

532

00:20:20,680 --> 00:20:19,190

more science-based Smith so they really

533

00:20:21,580 --> 00:20:20,690

enjoy this kind of and I'm wearing a bit

534

00:20:23,200 --> 00:20:21,590

of science a bit of science

535

00:20:24,640 --> 00:20:23,210

communication and so what would be your

536

00:20:26,230 --> 00:20:24,650

favorite bit of skipping or jewelry that

537

00:20:27,370 --> 00:20:26,240

you go on sale this is a weekend here

538

00:20:37,510 --> 00:20:27,380

because I can see lots of stuff with

539

00:20:39,520 --> 00:20:37,520

lots of symbols on it it's got like a

540

00:20:40,960 --> 00:20:39,530

sort of a molecular structure on the

541

00:20:43,779 --> 00:20:40,970

wooden ring what is it so this is a

542

00:20:46,270 --> 00:20:43,789

bamboo ring featuring the theobromine

543

00:20:49,720 --> 00:20:46,280

which is chocolate Oh caffeine molecule

544

00:20:51,340 --> 00:20:49,730

that's cool yeah it sparks a

545

00:20:52,630 --> 00:20:51,350

conversation if people what's that the

546

00:20:56,919 --> 00:20:52,640

molecule of chocolate and they go huh

547

00:20:58,240 --> 00:20:56,929

there we go asked any strange questions

548

00:21:01,659 --> 00:20:58,250

by people because these these do to

549

00:21:02,890 --> 00:21:01,669

inspire questions any strange questions

550

00:21:04,720 --> 00:21:02,900

why people because these do inspire

551

00:21:06,460 --> 00:21:04,730

questions I can't you make that no

552

00:21:07,870 --> 00:21:06,470

actually recognizing it's walk down a

553

00:21:10,169 --> 00:21:07,880

street guy are you wearing caffeine

554

00:21:12,460 --> 00:21:10,179

around your neck and I'm like yeah

555

00:21:14,289 --> 00:21:12,470

that's such a Ken Behring thing to do

556

00:21:15,610 --> 00:21:14,299

because everyone's in a hurry to get

557

00:21:24,039 --> 00:21:15,620

home because it's gonna get cold at 3

558

00:21:25,210 --> 00:21:24,049

o'clock what your website for doing BOTS

559

00:21:30,520 --> 00:21:25,220

calm again

560

00:21:32,680 --> 00:21:30,530

cranky BOTS CRA NK y Bo team comm well

561

00:21:34,330 --> 00:21:32,690

we were actually out on the concourse

562

00:21:36,520 --> 00:21:34,340

out this is the rear bit of fresh air I

563

00:21:38,230 --> 00:21:36,530

get in the last three that you don't see

564

00:21:40,510 --> 00:21:38,240

much fresh air in three days do I

565

00:21:41,950 --> 00:21:40,520

Richard you don't and it's really nice

566

00:21:43,750 --> 00:21:41,960

to just step out for a moment it's a

567

00:21:46,390 --> 00:21:43,760

nice day really it was raining before

568

00:21:47,620 --> 00:21:46,400

but it's really pleasant out here the

569

00:21:48,850 --> 00:21:47,630

American guests I apologize that

570

00:21:50,020 --> 00:21:48,860

weather's normally a bit better than

571

00:21:51,789 --> 00:21:50,030

this and they said that's firemen from

572

00:21:53,919 --> 00:21:51,799

Los Angeles it's always sunny there it's

573

00:21:55,330 --> 00:21:53,929

always sunny in Burbank means always

574

00:21:57,730 --> 00:21:55,340

sunny no this is quite pleasant

575

00:21:59,140 --> 00:21:57,740

everyone's at lunch yeah we went to the

576

00:22:00,880 --> 00:21:59,150

foyer to see if we can shed to somebody

577

00:22:03,580 --> 00:22:00,890

but there's nobody there mmm yeah nobody

578

00:22:04,720 --> 00:22:03,590

there yep it's a good time for filming

579

00:22:06,610 --> 00:22:04,730

some TV and radio

580

00:22:07,930 --> 00:22:06,620

now so we should just get some done but

581

00:22:09,100 --> 00:22:07,940

is there anything you think we need to

582

00:22:11,200 --> 00:22:09,110

get out of this weekend is there

583

00:22:13,690 --> 00:22:11,210

something that we need to really imprint

584

00:22:16,150 --> 00:22:13,700

upon the listener about the very nature

585

00:22:19,150 --> 00:22:16,160

of what's going on here well if the

586

00:22:21,159 --> 00:22:19,160

listener aren't isn't aren't aren't here

587

00:22:22,180 --> 00:22:21,169

mm-hmm if you happen not to be here I

588

00:22:23,700 --> 00:22:22,190

mean if you were here and you're

589

00:22:25,960 --> 00:22:23,710

listening to this podcast you know how

590

00:22:27,580 --> 00:22:25,970

entertaining it's been and informative

591

00:22:29,770 --> 00:22:27,590

and that's that's the message it's all

592

00:22:31,480 --> 00:22:29,780

very well to hear reports or see

593

00:22:33,460 --> 00:22:31,490

internet videos but to be part of the

594

00:22:35,799 --> 00:22:33,470

crowd that last speaker for example had

595

00:22:37,360 --> 00:22:35,809

an interactive system where she was

596

00:22:39,100 --> 00:22:37,370

asking for responses and you get you

597

00:22:40,600 --> 00:22:39,110

went to a webpage on your smartphone you

598

00:22:42,669 --> 00:22:40,610

tapped in your response and they all

599

00:22:44,380 --> 00:22:42,679

appeared on the screen cool just

600

00:22:46,120 --> 00:22:44,390

instantly and that I thought what a good

601
00:22:47,289 --> 00:22:46,130
idea it's better than show a hand you

602
00:22:49,299 --> 00:22:47,299
could have a show of hands Richard oh

603
00:22:51,130 --> 00:22:49,309
yeah you could depending on the

604
00:22:52,870 --> 00:22:51,140
situation but she was saying what word

605
00:22:54,400 --> 00:22:52,880
comes to mind when and she gave an

606
00:22:55,870 --> 00:22:54,410
example in everyone's busily typing

607
00:22:58,060 --> 00:22:55,880
words and they all appear on the board

608
00:22:59,470 --> 00:22:58,070
okay yeah it's really good yeah it's

609
00:23:02,020 --> 00:22:59,480
great things like that and just chatting

610
00:23:03,370 --> 00:23:02,030
to people look I'm very keen to talk to

611
00:23:05,260 --> 00:23:03,380
Alice from skeptic to the Kay because

612
00:23:07,180 --> 00:23:05,270
she works through there Marsh of course

613
00:23:09,070 --> 00:23:07,190

who wants to transform the English

614

00:23:11,590 --> 00:23:09,080

socialized medicine scene which is a big

615

00:23:13,060 --> 00:23:11,600

one I saw her Oh a little while she's

616

00:23:14,500 --> 00:23:13,070

probably going off to find a sushi or

617

00:23:15,850 --> 00:23:14,510

something look I don't blame her as long

618

00:23:17,110 --> 00:23:15,860

as she doesn't get at that place I went

619

00:23:18,490 --> 00:23:17,120

to her that really killed me down there

620

00:23:20,230 --> 00:23:18,500

remember you having lunch there we'll

621

00:23:21,940 --> 00:23:20,240

leave here and you bought me something

622

00:23:23,200 --> 00:23:21,950

that look I had two mouthfuls of it

623

00:23:23,620 --> 00:23:23,210

Norma's killed what was the hottest

624

00:23:26,500 --> 00:23:23,630

thing ever

625

00:23:29,200 --> 00:23:26,510

well listeners might have seen the video

626

00:23:30,730 --> 00:23:29,210

that we did where Alethea is here saying

627

00:23:32,230 --> 00:23:30,740

this has come to Chatswood for the

628

00:23:33,850 --> 00:23:32,240

convention it's a wonderful food scene

629

00:23:35,650 --> 00:23:33,860

and you're in every shot is a background

630

00:23:36,970 --> 00:23:35,660

extra dying in the background because

631

00:23:38,890 --> 00:23:36,980

I've still got chilli in my mouth from

632

00:23:40,240 --> 00:23:38,900

that horrible restaurant it killed me we

633

00:23:41,799 --> 00:23:40,250

took you to a restaurant you ordered

634

00:23:43,299 --> 00:23:41,809

something and it was it came with a

635

00:23:45,010 --> 00:23:43,309

health warning I think it was hot I

636

00:23:46,150 --> 00:23:45,020

couldn't hardly eat it I've got lots

637

00:23:47,560 --> 00:23:46,160

more interviews to come and we are not

638

00:23:48,820 --> 00:23:47,570

even halfway through in fact they might

639

00:23:50,650 --> 00:23:48,830

even be free from the dinner tonight

640

00:23:51,669 --> 00:23:50,660

that I'm hosting there's a magician on

641

00:23:53,020 --> 00:23:51,679

the dinner which should be fairly

642

00:23:55,539 --> 00:23:53,030

interesting as well do you know who it

643

00:23:57,159 --> 00:23:55,549

is no this is surprise to me he'll

644

00:23:59,730 --> 00:23:57,169

appear from somewhere we'll find out

645

00:24:03,990 --> 00:24:02,789

I'm here at the the skeptics table here

646

00:24:05,519 --> 00:24:04,000

to amend um's de been doing the whole

647

00:24:06,360 --> 00:24:05,529

thing how the sales been going today of

648

00:24:07,830 --> 00:24:06,370

everything you got here

649

00:24:09,389 --> 00:24:07,840

they've been going excellently actually

650

00:24:11,669 --> 00:24:09,399

they hotcakes have been selling like

651
00:24:12,600 --> 00:24:11,679
hotcakes one thing you haven't got you

652
00:24:15,240 --> 00:24:12,610
haven't got one of these have you

653
00:24:17,730 --> 00:24:15,250
haven't got the 1969 Star Trek original

654
00:24:19,230 --> 00:24:17,740
puzzle book I do actually I've got two

655
00:24:21,810 --> 00:24:19,240
copies of that actually signed signed

656
00:24:23,549 --> 00:24:21,820
yeah I think you haven't got it colored

657
00:24:25,230 --> 00:24:23,559
in as bad as I haven't sort of this look

658
00:24:26,880 --> 00:24:25,240
at his my work on Captain Cook's there

659
00:24:28,620 --> 00:24:26,890
we go look at that you haven't a pink

660
00:24:31,440 --> 00:24:28,630
face our yellow face on Captain Kirk is

661
00:24:35,940 --> 00:24:31,450
even better and even even in a cartoon

662
00:24:37,560 --> 00:24:35,950
drawing yep everything was exactly the

663
00:24:39,389 --> 00:24:37,570

same look even his toupee moves around

664

00:24:40,440 --> 00:24:39,399

in every shot that's different yeah yeah

665

00:24:41,700 --> 00:24:40,450

I think I was more of Thunderbirds

666

00:24:43,169 --> 00:24:41,710

personation well I do have the

667

00:24:45,330 --> 00:24:43,179

Thunderbirds one as well I thought would

668

00:24:47,010 --> 00:24:45,340

just be a bit more you know evangelical

669

00:24:48,180 --> 00:24:47,020

to different faiths and bring the Star

670

00:24:49,560 --> 00:24:48,190

Trek you see and look there's ones I

671

00:24:50,789 --> 00:24:49,570

haven't done that means that next time

672

00:24:52,590 --> 00:24:50,799

there's a rainy day and everything goes

673

00:24:54,240 --> 00:24:52,600

bung I can fill out the old book here

674

00:24:57,810 --> 00:24:54,250

what do you think Jessica oh I think

675

00:25:01,110 --> 00:24:57,820

it's just brilliant that the line work

676

00:25:03,960 --> 00:25:01,120

the the the shading the the colour

677

00:25:05,750 --> 00:25:03,970

appreciation is just it's just a work of

678

00:25:07,950 --> 00:25:05,760

art yeah I think I like the yellow

679

00:25:09,930 --> 00:25:07,960

Enterprise flying through a cabbage and

680

00:25:15,240 --> 00:25:09,940

what what witch's hats have got to do

681

00:25:17,159 --> 00:25:15,250

anything I've got no idea his name the

682

00:25:20,159 --> 00:25:17,169

wearer's so who used to wear the term

683

00:25:22,620 --> 00:25:20,169

Achanta there'll be a Scotsman and who

684

00:25:25,200 --> 00:25:22,630

used to wear the turban that would be

685

00:25:27,240 --> 00:25:25,210

someone from the Middle East - Vania -

686

00:25:29,340 --> 00:25:27,250

Vania or perhaps Indian and a fireman's

687

00:25:31,889 --> 00:25:29,350

helmet I guess that'd give way is it

688

00:25:33,990 --> 00:25:31,899

would be a medic but are these not

689

00:25:36,350 --> 00:25:34,000

little to be hats of Star Trek

690

00:25:41,820 --> 00:25:36,360

characters well I think you'll find that

691

00:25:43,380 --> 00:25:41,830

Scotty oh yeah you're right captain you

692

00:25:47,340 --> 00:25:43,390

know I didn't get it right that's too

693

00:25:48,779 --> 00:25:47,350

hard for me here we have well that'll be

694

00:25:50,820 --> 00:25:48,789

Doctor Who that would be future Doctor

695

00:25:52,649 --> 00:25:50,830

Who and may not of course add me of

696

00:25:54,269 --> 00:25:52,659

course - no kids tonight but there we go

697

00:25:55,680 --> 00:25:54,279

so there's that that's a very special

698

00:25:57,470 --> 00:25:55,690

book I'll be showing off some people I

699

00:26:13,610 --> 00:25:57,480

have to get my photos I can okay look

700

00:26:20,009 --> 00:26:17,039

calling all skeptics or listeners do you

701
00:26:22,049 --> 00:26:20,019
live in or near Glasgow are you planning

702
00:26:25,049 --> 00:26:22,059
to visit sometime then you're in luck

703
00:26:28,139 --> 00:26:25,059
because Glasgow skeptics have got your

704
00:26:30,240 --> 00:26:28,149
Monday nights sorted we're committed to

705
00:26:33,419 --> 00:26:30,250
filling up every available Monday night

706
00:26:35,610 --> 00:26:33,429
talks on science and skepticism past

707
00:26:37,379 --> 00:26:35,620
speakers include Eugenie Scott Jerry

708
00:26:39,690 --> 00:26:37,389
Coyne Michael Marshall Nate Phelps

709
00:26:43,620 --> 00:26:39,700
torment Cecil from cognitive dissonance

710
00:26:45,690 --> 00:26:43,630
PZ Myers Richard Wiseman EC drilling nor

711
00:26:48,269 --> 00:26:45,700
Heath and Eli from the scathing atheist

712
00:26:50,549 --> 00:26:48,279
Simon Singh Rebecca Watson and a

713
00:26:52,919 --> 00:26:50,559

multitude of local academics and

714

00:26:55,710 --> 00:26:52,929

skeptics there's literally nothing

715

00:26:57,509 --> 00:26:55,720

better you can do on a Monday in Glasgow

716

00:27:00,450 --> 00:26:57,519

it doesn't involve taking your clothes

717

00:27:02,700 --> 00:27:00,460

off so come join us we've also got a

718

00:27:04,980 --> 00:27:02,710

vibrant online community you can find us

719

00:27:07,320 --> 00:27:04,990

on Facebook Twitter and get involved

720

00:27:10,770 --> 00:27:07,330

with the discussion Glasgow skeptics

721

00:27:21,630 --> 00:27:10,780

self-help for your brain

722

00:27:21,640 --> 00:27:25,590

[Music]

723

00:27:30,420 --> 00:27:28,630

the other day I saw a post being shared

724

00:27:32,890 --> 00:27:30,430

on social media which worried me the

725

00:27:35,290 --> 00:27:32,900

post contained a photo of a woman

726

00:27:37,330 --> 00:27:35,300

holding newborn twins and was a company

727

00:27:40,360 --> 00:27:37,340

with a very emoji dating paragraph which

728

00:27:43,090 --> 00:27:40,370

said quote what a home birth full of

729

00:27:45,610 --> 00:27:43,100

unexpected surprises literally one after

730

00:27:47,710 --> 00:27:45,620

the other mum gave birth to her sweet

731

00:27:49,150 --> 00:27:47,720

little baby boy in water and then we

732

00:27:51,190 --> 00:27:49,160

thought the placenta was about to come

733

00:27:53,230 --> 00:27:51,200

but as it turned out there was another

734

00:27:56,080 --> 00:27:53,240

baby boy about to make his entrance into

735

00:28:00,820 --> 00:27:56,090

the world what a superhero mom she is

736

00:28:03,550 --> 00:28:00,830

what an amazing birth end quote when I

737

00:28:06,580 --> 00:28:03,560

first saw this my first thought was

738

00:28:09,220 --> 00:28:06,590

crikey imagine having to give birth at

739

00:28:12,850 --> 00:28:09,230

home to double the amount of babies you

740

00:28:14,470 --> 00:28:12,860

were expecting then I did some more

741

00:28:17,110 --> 00:28:14,480

reading of the Facebook page this was

742

00:28:19,410 --> 00:28:17,120

posted on and I waded through a sea of

743

00:28:21,820 --> 00:28:19,420

red flags

744

00:28:24,160 --> 00:28:21,830

according to 10 moons home birth

745

00:28:26,680 --> 00:28:24,170

services of Melbourne this mother

746

00:28:29,530 --> 00:28:26,690

elected not to have ultrasounds during

747

00:28:33,130 --> 00:28:29,540

her pregnancy which is why the twins

748

00:28:36,280 --> 00:28:33,140

were a surprise as a radiographer this

749

00:28:37,870 --> 00:28:36,290

fact really shook me my scenographer

750

00:28:39,670 --> 00:28:37,880

colleagues are easily some of the

751
00:28:42,400 --> 00:28:39,680
busiest people in the department and

752
00:28:45,070 --> 00:28:42,410
fetal scanning is non-stop day-in

753
00:28:47,020 --> 00:28:45,080
day-out so to think that there are women

754
00:28:49,330 --> 00:28:47,030
out there who are deliberately avoiding

755
00:28:52,600 --> 00:28:49,340
this staple of antenatal care is just

756
00:28:54,670 --> 00:28:52,610
mind-blowing this sent me down the

757
00:28:56,250 --> 00:28:54,680
rabbit hole of anecdotes from women who

758
00:28:58,690 --> 00:28:56,260
had decided to go through their entire

759
00:29:01,510 --> 00:28:58,700
pregnancies with no ultrasound scans

760
00:29:02,890 --> 00:29:01,520
whatsoever usually because of the fear

761
00:29:03,460 --> 00:29:02,900
that the scans are harmful to their

762
00:29:07,180 --> 00:29:03,470
babies

763
00:29:09,280 --> 00:29:07,190

spoiler alert they aren't ultrasound

764

00:29:12,250 --> 00:29:09,290

scans performed by trained scenographer

765

00:29:14,800 --> 00:29:12,260

are completely safe ultrasound scans

766

00:29:20,290 --> 00:29:14,810

performed by trained scenographer save

767

00:29:23,110 --> 00:29:20,300

lives 19 percent of 10 moons customers

768

00:29:26,740 --> 00:29:23,120

chose not to have any sonography at all

769

00:29:27,760 --> 00:29:26,750

during their pregnancy a huge risk not

770

00:29:30,669 --> 00:29:27,770

just because of the aforementioned

771

00:29:32,470 --> 00:29:30,679

surprise twins but also to screen for

772

00:29:33,330 --> 00:29:32,480

conditions such as a and carefully a

773

00:29:35,910 --> 00:29:33,340

condition

774

00:29:38,070 --> 00:29:35,920

where the brain does not develop spina

775

00:29:40,860 --> 00:29:38,080

bifida where the spinal cord develops

776

00:29:42,750 --> 00:29:40,870

abnormally and to check for the general

777

00:29:45,620 --> 00:29:42,760

development and movement of the fetus to

778

00:29:48,600 --> 00:29:45,630

make sure it's growing as it should be

779

00:29:50,220 --> 00:29:48,610

antenatal ultrasound scans are also used

780

00:29:52,590 --> 00:29:50,230

to determine whether a pregnancy is

781

00:29:55,050 --> 00:29:52,600

viable and to make sure it doesn't pose

782

00:29:59,100 --> 00:29:55,060

a risk to the mother such as in the case

783

00:30:00,750 --> 00:29:59,110

of ectopic pregnancies an important part

784

00:30:03,240 --> 00:30:00,760

of the antenatal scan and something

785

00:30:06,240 --> 00:30:03,250

parents often love is hearing the fetal

786

00:30:07,950 --> 00:30:06,250

heartbeat this is a magical experience

787

00:30:09,720 --> 00:30:07,960

for the parents as it's often the thing

788

00:30:12,210 --> 00:30:09,730

that really makes the whole process real

789

00:30:13,530 --> 00:30:12,220

and tangible and I'm very privileged to

790

00:30:15,390 --> 00:30:13,540

have witnessed mother's hear their

791

00:30:18,990 --> 00:30:15,400

babies heartbeats for the first time and

792

00:30:20,460 --> 00:30:19,000

it's truly wondrous I have also been

793

00:30:21,690 --> 00:30:20,470

there for the sad times when there

794

00:30:24,360 --> 00:30:21,700

hasn't been a heartbeat

795

00:30:28,080 --> 00:30:24,370

and these cases are both devastating and

796

00:30:30,630 --> 00:30:28,090

dangerous as the fetal tissue begins to

797

00:30:33,230 --> 00:30:30,640

decay the risk of sepsis increases and

798

00:30:35,520 --> 00:30:33,240

this is a major cause of maternal death

799

00:30:38,640 --> 00:30:35,530

the fetus needs to be removed

800

00:30:40,680 --> 00:30:38,650

immediately and completely and in places

801
00:30:43,530 --> 00:30:40,690
where abortion services are limited due

802
00:30:47,280 --> 00:30:43,540
to the law hello New South Wales these

803
00:30:48,840 --> 00:30:47,290
restrictions can cost lives so why

804
00:30:49,440 --> 00:30:48,850
wouldn't you want an ultrasound of your

805
00:30:52,680 --> 00:30:49,450
baby

806
00:30:55,020 --> 00:30:52,690
I completely understand not wanting to

807
00:30:57,210 --> 00:30:55,030
know the baby's sex prior to birth we

808
00:31:00,150 --> 00:30:57,220
have a bizarre fixation on the genitalia

809
00:31:01,650 --> 00:31:00,160
of others and I totally comprehend not

810
00:31:04,320 --> 00:31:01,660
wanting to post your gray and black

811
00:31:07,470 --> 00:31:04,330
splotchy picture on Facebook I applaud

812
00:31:09,360 --> 00:31:07,480
it in fact but what I cannot fathom is

813
00:31:11,790 --> 00:31:09,370

the complete avoidance of a very

814

00:31:15,450 --> 00:31:11,800

important and very available screening

815

00:31:17,580 --> 00:31:15,460

tool apparently there are some people

816

00:31:19,710 --> 00:31:17,590

out there who believe that ultrasound

817

00:31:22,050 --> 00:31:19,720

scans are a government conspiracy to

818

00:31:23,370 --> 00:31:22,060

kill babies or make them left-handed or

819

00:31:26,940 --> 00:31:23,380

something honestly

820

00:31:29,250 --> 00:31:26,950

and while improper use of ultrasound can

821

00:31:33,570 --> 00:31:29,260

be risky in the hands of a trained

822

00:31:35,670 --> 00:31:33,580

professional it won't harm your fetus so

823

00:31:37,470 --> 00:31:35,680

I wondered what other healthcare some

824

00:31:42,180 --> 00:31:37,480

expectant parents are avoiding during

825

00:31:44,010 --> 00:31:42,190

pregnancy it turns out there's a lot 10

826
00:31:47,039 --> 00:31:44,020
moons home birth services of Melbourne

827
00:31:48,930 --> 00:31:47,049
proudly boasts for 31 percent of their

828
00:31:52,320 --> 00:31:48,940
customers declined the newborn screening

829
00:31:53,700 --> 00:31:52,330
test this is the heel prick test that

830
00:31:56,789 --> 00:31:53,710
can check for conditions such as

831
00:31:59,970 --> 00:31:56,799
congenital hyperthyroidism cystic

832
00:32:01,769 --> 00:31:59,980
fibrosis amino acid disorders and a

833
00:32:05,220 --> 00:32:01,779
whole heap of other conditions which can

834
00:32:08,639 --> 00:32:05,230
be life-threatening if untreated they

835
00:32:11,940 --> 00:32:08,649
also say that 85% of customers declined

836
00:32:13,289 --> 00:32:11,950
the vitamin K injections that's the

837
00:32:15,960 --> 00:32:13,299
injection that prevents clotting

838
00:32:18,330 --> 00:32:15,970

disorders thereby stopping babies from

839

00:32:23,639 --> 00:32:18,340

bleeding to death hours after being born

840

00:32:25,889 --> 00:32:23,649

a very real risk in neonates ten moons

841

00:32:29,129 --> 00:32:25,899

home birth services are very pleased

842

00:32:32,599 --> 00:32:29,139

that 91% of their customers don't bother

843

00:32:35,489 --> 00:32:32,609

testing for neonatal hypoglycemia and

844

00:32:37,560 --> 00:32:35,499

99% aren't worried about the risks of

845

00:32:40,129 --> 00:32:37,570

Group B streptococcus infections being

846

00:32:43,229 --> 00:32:40,139

transmitted to newborn infants which is

847

00:32:44,159 --> 00:32:43,239

terrifying because hypoglycemia and

848

00:32:47,249 --> 00:32:44,169

Group B Strep

849

00:32:49,649 --> 00:32:47,259

are both very very treatable but if

850

00:32:53,279 --> 00:32:49,659

undetected have high morbidity and

851
00:32:55,889 --> 00:32:53,289
mortality rates but what's all the fuss

852
00:32:57,570 --> 00:32:55,899
about antenatal screening has only been

853
00:32:59,669 --> 00:32:57,580
around relatively recently in the

854
00:33:01,649 --> 00:32:59,679
timeline of human existence and we

855
00:33:06,210 --> 00:33:01,659
haven't gone extinct so is it really

856
00:33:08,279 --> 00:33:06,220
such a big deal well yeah sure mothers

857
00:33:10,950 --> 00:33:08,289
of your gave birth without drugs without

858
00:33:13,379 --> 00:33:10,960
scans without vitamin K and without

859
00:33:14,820 --> 00:33:13,389
hearing their baby's heartbeat but do

860
00:33:17,970 --> 00:33:14,830
you know what a huge percent of those

861
00:33:22,080 --> 00:33:17,980
mothers did experience death during

862
00:33:24,749 --> 00:33:22,090
childbirth so like everything whether

863
00:33:27,060 --> 00:33:24,759

it's polio measles whooping cough or

864

00:33:29,700 --> 00:33:27,070

hemorrhagic disease of the newborn when

865

00:33:31,399 --> 00:33:29,710

modern health care becomes so good that

866

00:33:34,039 --> 00:33:31,409

these conditions are no longer prevalent

867

00:33:38,249 --> 00:33:34,049

privileged people become complacent

868

00:33:40,680 --> 00:33:38,259

negligent even the iron lung is a museum

869

00:33:43,470 --> 00:33:40,690

artifact so let's not bother vaccinating

870

00:33:44,669 --> 00:33:43,480

anymore no one in my family died of

871

00:33:48,629 --> 00:33:44,679

newborn hemorrhagic disease

872

00:33:50,129 --> 00:33:48,639

so put that vitamin injection down there

873

00:33:52,830 --> 00:33:50,139

are women across the world

874

00:33:53,560 --> 00:33:52,840

dying because they don't have access to

875

00:33:55,810 --> 00:33:53,570

health care

876
00:33:56,700 --> 00:33:55,820
while rich Australians are deliberately

877
00:34:00,220 --> 00:33:56,710
avoiding it

878
00:34:03,490 --> 00:34:00,230
this isn't female empowerment this is

879
00:34:05,410 --> 00:34:03,500
endangerment and we as science advocates

880
00:34:07,660 --> 00:34:05,420
need to be doing everything within our

881
00:34:11,020 --> 00:34:07,670
power to address this behavior and help

882
00:34:27,760 --> 00:34:11,030
stop it from becoming widespread this is

883
00:34:30,070 --> 00:34:27,770
Trish Han for the skeptic zone hey you

884
00:34:32,200 --> 00:34:30,080
fellow skeptics in an effort here with

885
00:34:34,270 --> 00:34:32,210
Celeste reward your friendly host of

886
00:34:36,100 --> 00:34:34,280
starting the strange a podcast that

887
00:34:39,340 --> 00:34:36,110
looks at topics ranging from Legends

888
00:34:41,260 --> 00:34:39,350

panics and cryptids to myths psychology

889

00:34:43,420 --> 00:34:41,270

and folklore breaking things down and

890

00:34:45,610 --> 00:34:43,430

picking things apart as we skeptics do

891

00:34:48,190 --> 00:34:45,620

we bring a few different perspectives on

892

00:34:50,290 --> 00:34:48,200

things pleasure for example is a witty

893

00:34:52,660 --> 00:34:50,300

cartoonist and Ben is a brilliant writer

894

00:34:54,370 --> 00:34:52,670

and longtime skeptical investigator we

895

00:34:56,860 --> 00:34:54,380

don't always agree well we have fun

896

00:34:59,110 --> 00:34:56,870

trying and we learn new things join us

897

00:35:01,450 --> 00:34:59,120

for new topics every week or two or

898

00:35:04,690 --> 00:35:01,460

browse our backlog of evergreen episodes

899

00:35:06,790 --> 00:35:04,700

available on iTunes and all your podcast

900

00:35:12,970 --> 00:35:06,800

feeding troughs squaring the strange

901
00:35:12,980 --> 00:35:21,390

[Music]

902
00:35:25,720 --> 00:35:23,890

well here we are skeptics at the pub but

903
00:35:28,060 --> 00:35:25,730

it's it because it runs excited because

904
00:35:29,800 --> 00:35:28,070

the skeptic on has gone I think that's

905
00:35:32,560 --> 00:35:29,810

my food going off there that's right

906
00:35:33,640 --> 00:35:32,570

but yes skeptic on has happened and it's

907
00:35:35,980 --> 00:35:33,650

going to be all happening here tonight

908
00:35:38,800 --> 00:35:35,990

for the November skeptics in the pub

909
00:35:41,230 --> 00:35:38,810

tonight we've got David Rosenberg who's

910
00:35:43,240 --> 00:35:41,240

going to be talking about his book Pine

911
00:35:43,600 --> 00:35:43,250

Gap he was as we have had on the show

912
00:35:48,070 --> 00:35:43,610

before

913
00:35:50,590 --> 00:35:48,080

he's the technology to the ABC series

914

00:35:52,390 --> 00:35:50,600

Pine Gap and because he worked there for

915

00:35:53,920 --> 00:35:52,400

18 years so he knows a lot of stuff that

916

00:35:56,560 --> 00:35:53,930

he hasn't been telling us particularly

917

00:35:58,690 --> 00:35:56,570

me I've been asking him stuff about ASIS

918

00:36:01,420 --> 00:35:58,700

look them up in your book they're

919

00:36:03,280 --> 00:36:01,430

Australian Security Agency ASIS

920

00:36:05,260 --> 00:36:03,290

they're our CIA you don't hear about

921

00:36:06,580 --> 00:36:05,270

them as much as a CEO but a tip of the

922

00:36:08,290 --> 00:36:06,590

hat to them for whatever work they're

923

00:36:10,690 --> 00:36:08,300

doing or wherever it is just long as

924

00:36:12,520 --> 00:36:10,700

it's not my place because David just

925

00:36:13,900 --> 00:36:12,530

just before you go on you a bit of

926

00:36:15,670 --> 00:36:13,910

performer you are a bit of an actor as

927

00:36:17,050 --> 00:36:15,680

well how do you prepare to go on in

928

00:36:19,270 --> 00:36:17,060

front of a strange audience like this

929

00:36:20,680 --> 00:36:19,280

about to talk about your book because it

930

00:36:22,960 --> 00:36:20,690

is a very personal thing you're not

931

00:36:23,860 --> 00:36:22,970

dealing with it's your book material and

932

00:36:26,800 --> 00:36:23,870

stuff you've written

933

00:36:28,000 --> 00:36:26,810

I just approach every talk pretty much

934

00:36:30,160 --> 00:36:28,010

pretty much the same I go out with a

935

00:36:32,920 --> 00:36:30,170

positive attitude I look at people I

936

00:36:35,170 --> 00:36:32,930

smile I let them know that I'm that I'm

937

00:36:37,120 --> 00:36:35,180

here for them so to give them some

938

00:36:39,070 --> 00:36:37,130

information that bait that they want to

939

00:36:41,560 --> 00:36:39,080

know more about and if anyone has any

940

00:36:43,570 --> 00:36:41,570

questions for you I'm always willing to

941

00:36:46,360 --> 00:36:43,580

answer whatever I can say what about

942

00:36:48,100 --> 00:36:46,370

lifestyle tips here on the epic zone and

943

00:36:49,930 --> 00:36:48,110

that's a good advice for anyone giving a

944

00:36:51,580 --> 00:36:49,940

talk about anything get out there be

945

00:36:52,810 --> 00:36:51,590

positive and of course occasionally with

946

00:36:54,910 --> 00:36:52,820

your topic you'll get people to go oh I

947

00:36:56,560 --> 00:36:54,920

don't like us basis blah blah blah you

948

00:36:58,930 --> 00:36:56,570

get the occasional person like that

949

00:37:00,880 --> 00:36:58,940

patty handle em I have had necklace

950

00:37:01,990 --> 00:37:00,890

before but that's okay because I think

951
00:37:04,630 --> 00:37:02,000
that everybody's entitled to their

952
00:37:06,310 --> 00:37:04,640
opinion if if I know that what

953
00:37:08,350 --> 00:37:06,320
they're telling me is just

954
00:37:10,720 --> 00:37:08,360
sensationalized and not correct I

955
00:37:12,490 --> 00:37:10,730
basically tell them hey you're entitled

956
00:37:13,820 --> 00:37:12,500
to your opinion but this is what

957
00:37:16,520 --> 00:37:13,830
actually happens

958
00:37:18,200 --> 00:37:16,530
yes so will you be revealing to us - not

959
00:37:19,760 --> 00:37:18,210
exactly the resolution that spire

960
00:37:22,550 --> 00:37:19,770
satellites have at ground level of

961
00:37:25,280 --> 00:37:22,560
number plates and stuff I wish I wish I

962
00:37:26,780 --> 00:37:25,290
knew the answer to that one I did I

963
00:37:30,170 --> 00:37:26,790

didn't deal with imagery I dealt with

964

00:37:32,390 --> 00:37:30,180

signals intelligence so I I wasn't

965

00:37:33,920 --> 00:37:32,400

involved very much in depth with with

966

00:37:35,720 --> 00:37:33,930

those kind of satellites but they are

967

00:37:37,130 --> 00:37:35,730

pretty awesome yeah I imagine they will

968

00:37:38,690 --> 00:37:37,140

be there too well I hope I'm sure you

969

00:37:40,490 --> 00:37:38,700

get some curly questions I'll be looking

970

00:37:42,350 --> 00:37:40,500

forward to you dodging the hard ones I

971

00:37:43,460 --> 00:37:42,360

hope I do get some curly questions I'm

972

00:37:44,030 --> 00:37:43,470

always looking forward to that thank you

973

00:37:48,350 --> 00:37:44,040

so much

974

00:37:50,150 --> 00:37:48,360

the recent ABC television series the

975

00:37:51,470 --> 00:37:50,160

technical adviser on that so when you

976

00:37:55,280 --> 00:37:51,480

see all the monitors and there's

977

00:37:58,840 --> 00:37:55,290

satellites whizzing around things David

978

00:38:01,490 --> 00:37:58,850

was the man who revised the film crew

979

00:38:03,620 --> 00:38:01,500

thought about that so he's gonna be

980

00:38:05,540 --> 00:38:03,630

talking tonight about his time to fight

981

00:38:08,150 --> 00:38:05,550

yep revealing all the secrets tonight

982

00:38:09,950 --> 00:38:08,160

I'm pleased to say and he also has some

983

00:38:12,170 --> 00:38:09,960

copies of these stories which you might

984

00:38:23,180 --> 00:38:12,180

be interested in see David I'm very

985

00:38:26,210 --> 00:38:23,190

strong but without any for me okay thank

986

00:38:27,920 --> 00:38:26,220

you very much thank you first thing I'd

987

00:38:32,440 --> 00:38:27,930

like to say that everybody is now good

988

00:38:35,410 --> 00:38:33,790

thank you very much for having me here

989

00:38:37,000 --> 00:38:35,420

tonight it's a real pleasure to come out

990

00:38:39,790 --> 00:38:37,010

and talk to you about a subject that

991

00:38:40,960 --> 00:38:39,800

many of you are familiar with you might

992

00:38:43,090 --> 00:38:40,970

know about some of the conspiracy

993

00:38:45,370 --> 00:38:43,100

theories and the myths and

994

00:38:52,270 --> 00:38:45,380

misconceptions about about the Pine Gap

995

00:38:57,820 --> 00:38:55,260

[Music]

996

00:39:00,100 --> 00:38:57,830

book you seen could pick up a book for

997

00:39:16,750 --> 00:39:00,110

sale I'm sure if I can reinforce Asians

998

00:39:18,760 --> 00:39:16,760

names are in there but jessica's singer

999

00:39:21,430 --> 00:39:18,770

here a member of the board we've got all

1000

00:39:23,410 --> 00:39:21,440

the board members here we've got yeah

1001

00:39:25,300 --> 00:39:23,420

yeah it's a really busy night tonight

1002

00:39:28,090 --> 00:39:25,310

about as many as we usually have is yeah

1003

00:39:31,600 --> 00:39:28,100

yeah by the way who's on next month do

1004

00:39:33,370 --> 00:39:31,610

we know yet yes next month is Gideon who

1005

00:39:35,620 --> 00:39:33,380

is sitting over there and he will be

1006

00:39:39,130 --> 00:39:35,630

talking about why the Daily Mail is

1007

00:39:41,380 --> 00:39:39,140

wrong oh come on fish in a barrel that's

1008

00:39:43,420 --> 00:39:41,390

a bit easy isn't it it's long because

1009

00:39:45,970 --> 00:39:43,430

they put the entire story body in their

1010

00:39:48,790 --> 00:39:45,980

head liner that's why usually clickbait

1011

00:39:50,560 --> 00:39:48,800

yeah yeah you read any daily Daily Mail

1012

00:39:53,350 --> 00:39:50,570

headline it's about two paragraphs on

1013

00:39:55,000 --> 00:39:53,360

itself but on to tonight's topic do you

1014

00:39:57,250 --> 00:39:55,010

think we are better off for having a

1015

00:39:58,210 --> 00:39:57,260

joint facility at Pine Gap after

1016

00:40:03,640 --> 00:39:58,220

listening to David

1017

00:40:05,050 --> 00:40:03,650

very persuasive he was you know he he he

1018

00:40:06,340 --> 00:40:05,060

was doing the whole ethical thing he was

1019

00:40:08,500 --> 00:40:06,350

doing everything so right thank you

1020

00:40:12,430 --> 00:40:08,510

something about kumbaya things all all

1021

00:40:13,460 --> 00:40:12,440

legal and very you know used for good

1022

00:40:17,780 --> 00:40:13,470

only

1023

00:40:19,640 --> 00:40:17,790

what if the ghost woman hits somebody

1024

00:40:21,050 --> 00:40:19,650

else he was a bit somebody are about

1025

00:40:22,490 --> 00:40:21,060

that because you know they might have

1026

00:40:23,740 --> 00:40:22,500

been gaming it but they were telling you

1027

00:40:27,170 --> 00:40:23,750

where to put it in the first place

1028

00:40:29,120 --> 00:40:27,180

accidents happen yeah I guess said that

1029

00:40:31,550 --> 00:40:29,130

yes oh that's interesting here so yeah

1030

00:40:34,160 --> 00:40:31,560

necessary evil would you say possibly

1031

00:40:35,930 --> 00:40:34,170

yeah yeah unfortunate okay thanks sister

1032

00:40:38,000 --> 00:40:35,940

go and come along speaking missus it

1033

00:40:39,859 --> 00:40:38,010

will talk about unnecessary evils next

1034

00:40:41,390 --> 00:40:39,869

month we have the Daily Mail at the

1035

00:40:44,030 --> 00:40:41,400

Daily Mail I hope he's gonna show some

1036

00:40:45,530 --> 00:40:44,040

photos Oh that'd be interesting I love

1037

00:40:48,109 --> 00:40:45,540

the ones of Kate Moss who was supposedly

1038

00:40:50,570 --> 00:40:48,119

getting fat on a in Majorca ten

1039

00:40:52,430 --> 00:40:50,580

years ago I think she'd ballooned out to

1040

00:40:54,470 --> 00:40:52,440

a size eight and a half in Australia and

1041

00:40:56,260 --> 00:40:54,480

also know that I just don't believe it I

1042

00:40:58,220 --> 00:40:56,270

know exactly that's the Daily Mail

1043

00:41:00,260 --> 00:40:58,230

because we've got a special guest here

1044

00:41:02,720 --> 00:41:00,270

tonight other than that Dave Rosenberg

1045

00:41:05,210 --> 00:41:02,730

we've got the very own diet skeptic

1046

00:41:05,540 --> 00:41:05,220

yourself hello hello man out how are you

1047

00:41:07,070 --> 00:41:05,550

tonight

1048

00:41:09,430 --> 00:41:07,080

pretty good what brings you down from

1049

00:41:12,470 --> 00:41:09,440

Brisbane oh I'm actually doing a bit of

1050

00:41:14,660 --> 00:41:12,480

Dietetic way but I thought I'd drop in

1051
00:41:16,130 --> 00:41:14,670
to Sydney skeptics and see the speaker

1052
00:41:18,470 --> 00:41:16,140
tonight was just really I'm quite

1053
00:41:19,820 --> 00:41:18,480
interesting yeah what do you think of

1054
00:41:21,920 --> 00:41:19,830
skeptic on this year they have big

1055
00:41:23,990 --> 00:41:21,930
skeptical blowout it was really

1056
00:41:25,790 --> 00:41:24,000
fantastic and I think there was

1057
00:41:27,560 --> 00:41:25,800
definitely some really great speakers

1058
00:41:30,410 --> 00:41:27,570
it's really surprising and interesting

1059
00:41:34,310 --> 00:41:30,420
so new ideas did you get any good diet

1060
00:41:36,380 --> 00:41:34,320
rebut ideas come into it there was some

1061
00:41:39,050 --> 00:41:36,390
10 million diverse more what not to do

1062
00:41:42,290 --> 00:41:39,060
with diets I've seen what to do with

1063
00:41:44,359 --> 00:41:42,300

diets but you know there was diet always

1064

00:41:46,280 --> 00:41:44,369

plays a part and any sort of skeptical

1065

00:41:48,260 --> 00:41:46,290

activity there's a lot of women

1066

00:41:49,460 --> 00:41:48,270

nutrition oh it certainly it's got a bit

1067

00:41:51,109 --> 00:41:49,470

it's funny the things you've mentioned

1068

00:41:52,520 --> 00:41:51,119

here on the on the dietary skeptic are

1069

00:41:55,220 --> 00:41:52,530

things that I've taken interest in our

1070

00:41:57,020 --> 00:41:55,230

memory did the story on a to milk yes

1071

00:41:59,660 --> 00:41:57,030

didn't even know existed to did that

1072

00:42:01,609 --> 00:41:59,670

story and now I drink a to milk skim all

1073

00:42:03,920 --> 00:42:01,619

the time the pink pot the pink cap one

1074

00:42:05,359 --> 00:42:03,930

why I don't know something about you

1075

00:42:06,680 --> 00:42:05,369

mentioning it and I know you completely

1076

00:42:08,990 --> 00:42:06,690

said that there's no point to do it

1077

00:42:10,970 --> 00:42:09,000

didn't you there's absolutely no benefit

1078

00:42:13,760 --> 00:42:10,980

in milk but it's ten percent of our milk

1079

00:42:16,220 --> 00:42:13,770

market and it's absolutely taking off

1080

00:42:18,530 --> 00:42:16,230

hugely overseas it could be good could

1081

00:42:20,410 --> 00:42:18,540

be completely placebo but I think it

1082

00:42:22,940 --> 00:42:20,420

tastes a bit better but I don't know why

1083

00:42:23,930 --> 00:42:22,950

you wouldn't be able to taste it taste

1084

00:42:25,280 --> 00:42:23,940

anytime

1085

00:42:29,660 --> 00:42:25,290

difference whatsoever because it's only

1086

00:42:32,690 --> 00:42:29,670

one different amino acid in all the milk

1087

00:42:34,250 --> 00:42:32,700

no there'll be no expectations unlike

1088

00:42:37,310 --> 00:42:34,260

something like lactose free milk which

1089

00:42:38,960 --> 00:42:37,320

does actually taste sweeter okay well

1090

00:42:40,400 --> 00:42:38,970

yeah well that also also the whole white

1091

00:42:41,930 --> 00:42:40,410

knuckling thing you did when you talked

1092

00:42:43,550 --> 00:42:41,940

about the dietary stuff I thought if you

1093

00:42:45,800 --> 00:42:43,560

want to lose weight you've got a white

1094

00:42:46,190 --> 00:42:45,810

knuckle which I would not recommend to

1095

00:42:48,260 --> 00:42:46,200

anyone

1096

00:42:51,980 --> 00:42:48,270

it just means exercising a lot and

1097

00:42:53,630 --> 00:42:51,990

really not eating it does and even for

1098

00:43:00,020 --> 00:42:53,640

some people who do that they'll still

1099

00:43:02,000 --> 00:43:00,030

regain their way that's right gives you

1100

00:43:03,830 --> 00:43:02,010

temporary benefit I found when I'm

1101
00:43:05,120 --> 00:43:03,840
really stressed I lose weight no problem

1102
00:43:06,770 --> 00:43:05,130
at all now is that just because I'm

1103
00:43:08,630 --> 00:43:06,780
eating less or something else is burning

1104
00:43:13,220 --> 00:43:08,640
it somewhere more likely that you're

1105
00:43:17,150 --> 00:43:13,230
eating less itself does not actually

1106
00:43:19,430 --> 00:43:17,160
burn calories no anyway some people will

1107
00:43:21,590 --> 00:43:19,440
eat more when they're stressed I'll find

1108
00:43:24,170 --> 00:43:21,600
comfort from food and also if you're

1109
00:43:26,900 --> 00:43:24,180
releasing cortisol all the time that can

1110
00:43:29,840 --> 00:43:26,910
lead to weight gain particularly

1111
00:43:31,220 --> 00:43:29,850
abdominal adiposity so trying to work on

1112
00:43:34,010 --> 00:43:31,230
your stress is definitely a good way to

1113
00:43:35,750 --> 00:43:34,020

be healthier so what does that chemical

1114

00:43:39,940 --> 00:43:35,760

make you gain weight around the belly

1115

00:43:43,130 --> 00:43:39,950

why that it's just part of what it does

1116

00:43:49,400 --> 00:43:43,140

I'm not sure exactly why Oh what if we

1117

00:43:50,840 --> 00:43:49,410

know I just out it might be putting it

1118

00:43:56,330 --> 00:43:50,850

there in case you needed to do any

1119

00:43:59,360 --> 00:43:56,340

running or something like that yeah a

1120

00:44:03,820 --> 00:43:59,370

good reason for doing it I'm a koala

1121

00:44:08,510 --> 00:44:06,680

and what did you think I've been asking

1122

00:44:10,190 --> 00:44:08,520

people what they think of us having a

1123

00:44:11,480 --> 00:44:10,200

joint facility with the Americans after

1124

00:44:14,030 --> 00:44:11,490

hearing what David had to say tonight

1125

00:44:16,670 --> 00:44:14,040

Mandy what do you think well I think the

1126

00:44:18,770 --> 00:44:16,680

day went to quite quite mentioned quite

1127

00:44:22,490 --> 00:44:18,780

a few times that the intelligence that

1128

00:44:25,609 --> 00:44:22,500

was game was accessible by both parties

1129

00:44:29,329 --> 00:44:25,619

and that sounds reasonable enough but

1130

00:44:32,779 --> 00:44:29,339

whether will it ever know what the

1131

00:44:35,420 --> 00:44:32,789

actual goings-on is you know I think

1132

00:44:36,890 --> 00:44:35,430

it's a good good um I think his point

1133

00:44:38,690 --> 00:44:36,900

about it being good value for money as

1134

00:44:40,549 --> 00:44:38,700

far as surveillance guys I think that

1135

00:44:42,109 --> 00:44:40,559

was a really good point I think so we

1136

00:44:44,000 --> 00:44:42,119

gotta factor in things like North West

1137

00:44:45,500 --> 00:44:44,010

Cape as well you can't just take pirate

1138

00:44:47,390 --> 00:44:45,510

Pine Gap in it on its own

1139

00:44:49,670 --> 00:44:47,400

there's always Northwest Cape and that's

1140

00:44:51,289 --> 00:44:49,680

very much well almost a more American

1141

00:44:52,849 --> 00:44:51,299

facility than Pine Gap because there's

1142

00:44:56,000 --> 00:44:52,859

submarine transmissions going out of

1143

00:45:02,960 --> 00:44:59,770

that seems a lot more than an American

1144

00:45:04,789 --> 00:45:02,970

we only have one submarine and it's got

1145

00:45:06,380 --> 00:45:04,799

a captain attack LP I think he's a

1146

00:45:13,130 --> 00:45:06,390

really good submarine captain but that

1147

00:45:15,740 --> 00:45:13,140

captain kelpy sort of stuff than me so

1148

00:45:18,020 --> 00:45:15,750

okay we all I think we all know a little

1149

00:45:20,299 --> 00:45:18,030

bit something - that's for sure it was a

1150

00:45:21,710 --> 00:45:20,309

very interesting talk and yeah I'll

1151
00:45:22,130 --> 00:45:21,720
definitely be watching the rest of the

1152
00:45:23,900 --> 00:45:22,140
series

1153
00:45:25,460 --> 00:45:23,910
thanks for being here Mandy and tell me

1154
00:45:26,809 --> 00:45:25,470
is a bit of something you're working on

1155
00:45:28,910 --> 00:45:26,819
for the skeptic zone in coming weeks

1156
00:45:31,339 --> 00:45:28,920
you're looking at some dietary whoo to

1157
00:45:33,849 --> 00:45:31,349
share with us yeah richard has been

1158
00:45:38,150 --> 00:45:33,859
asking me for a story so I've been

1159
00:45:39,680 --> 00:45:38,160
looking into fish oil and whether

1160
00:45:41,990 --> 00:45:39,690
there's any benefit is visual

1161
00:45:44,089 --> 00:45:42,000
supplementation ah my dad's always give

1162
00:45:45,740 --> 00:45:44,099
me fish oil he's always like he's 90

1163
00:45:47,269 --> 00:45:45,750

he's always giving me fish oil he

1164

00:45:49,220 --> 00:45:47,279

somehow he thinks it's good further

1165

00:45:51,620 --> 00:45:49,230

joins other bones or something I mean I

1166

00:45:57,370 --> 00:45:51,630

probably don't think it is you know I

1167

00:46:02,120 --> 00:45:59,750

I'll definitely be unpacking all the

1168

00:46:04,010 --> 00:46:02,130

evidence and I don't think I think there

1169

00:46:05,990 --> 00:46:04,020

might be a lot of marketing involved all

1170

00:46:07,910 --> 00:46:06,000

I think so if you're taking fish oil out

1171

00:46:10,309 --> 00:46:07,920

there stay tuned in coming weeks thanks

1172

00:46:12,500 --> 00:46:10,319

Mandy they were just doing a bit of

1173

00:46:18,279 --> 00:46:12,510

spoon bending here and look man is being

1174

00:46:22,819 --> 00:46:20,569

everything you do this before no I

1175

00:46:25,039 --> 00:46:22,829

haven't it's really fantastic

1176
00:46:26,400 --> 00:46:25,049
he really Yuri Yuri the Gellers out of a

1177
00:46:28,140 --> 00:46:26,410
doughnut

1178
00:46:29,490 --> 00:46:28,150
it's great to see manually Neville here

1179
00:46:30,420 --> 00:46:29,500
the skirt is unreported I've been

1180
00:46:31,849 --> 00:46:30,430
chatting to her house she's got

1181
00:46:34,920 --> 00:46:31,859
something coming up about fish oil oh

1182
00:46:36,210 --> 00:46:34,930
yes yes that's gonna be English I've

1183
00:46:39,480 --> 00:46:36,220
been taking every day to keep my dad

1184
00:46:40,319 --> 00:46:39,490
happy and he swears by it for joints and

1185
00:46:43,620 --> 00:46:40,329
things like that

1186
00:46:45,210 --> 00:46:43,630
I usually swear at it myself look I've

1187
00:46:46,770 --> 00:46:45,220
tried to get a few people to ask them

1188
00:46:48,180 --> 00:46:46,780

about the Pine Gap question but a lot of

1189

00:46:49,380 --> 00:46:48,190

people will not go on the record I've

1190

00:46:51,809 --> 00:46:49,390

had three people who won't get on the

1191

00:46:53,970 --> 00:46:51,819

record tonight oh I'm not surprised it's

1192

00:46:55,170 --> 00:46:53,980

a very controversial topic but what if I

1193

00:46:57,299 --> 00:46:55,180

talk from David tonight

1194

00:46:59,430 --> 00:46:57,309

it was great pretty good he got some

1195

00:47:00,630 --> 00:46:59,440

curly ones there I thought a few curly

1196

00:47:03,059 --> 00:47:00,640

ones a few people who are very

1197

00:47:04,410 --> 00:47:03,069

suspicious will see of course he

1198

00:47:05,220 --> 00:47:04,420

wouldn't know the whole thing's called

1199

00:47:07,410 --> 00:47:05,230

Essure lon

1200

00:47:09,450 --> 00:47:07,420

assha lon is probably what the name is

1201

00:47:11,069 --> 00:47:09,460

given to the end user he's just the

1202

00:47:13,230 --> 00:47:11,079

backend guy who collects some of the

1203

00:47:16,079 --> 00:47:13,240

frequencies for us well that's what he's

1204

00:47:18,029 --> 00:47:16,089

telling us exactly that kind of thing

1205

00:47:19,349 --> 00:47:18,039

but also excellence probably about a

1206

00:47:20,970 --> 00:47:19,359

decade old now that probably got

1207

00:47:26,350 --> 00:47:20,980

something much better with a much better

1208

00:47:26,360 --> 00:47:40,740

[Music]

1209

00:47:46,180 --> 00:47:43,060

thank you for listening to the skeptic

1210

00:47:48,609 --> 00:47:46,190

zone coming up next week on the show we

1211

00:47:51,250 --> 00:47:48,619

hear from mal Vickers now some months

1212

00:47:55,150 --> 00:47:51,260

ago on the skeptic zone I put out a plea

1213

00:47:58,300 --> 00:47:55,160

for technically minded skeptics to

1214

00:48:00,580 --> 00:47:58,310

contact mouth vicars concerning an

1215

00:48:02,859 --> 00:48:00,590

internet project he was doing and he's

1216

00:48:05,620 --> 00:48:02,869

going to report back about the wonderful

1217

00:48:07,630 --> 00:48:05,630

success that was and how the skeptic

1218

00:48:10,060 --> 00:48:07,640

zone listeners around the world came to

1219

00:48:12,160 --> 00:48:10,070

his aid and helped him do something

1220

00:48:14,349 --> 00:48:12,170

which is of great benefit to the

1221

00:48:16,750 --> 00:48:14,359

skeptical cause a great benefit to

1222

00:48:20,170 --> 00:48:16,760

society in science that's coming up next

1223

00:48:20,950 --> 00:48:20,180

week also part three the last part of

1224

00:48:22,900 --> 00:48:20,960

maynard's

1225

00:48:25,270 --> 00:48:22,910

chat with the vet daughter mom the side

1226

00:48:29,109 --> 00:48:25,280

babe she's going to be discussing

1227

00:48:33,070 --> 00:48:29,119

William Shatner why not not getting sued

1228

00:48:35,140 --> 00:48:33,080

and her possible new job also interviews

1229

00:48:38,830 --> 00:48:35,150

with people like dr. Pamela gay and

1230

00:48:40,780 --> 00:48:38,840

Kirsten Banks both wonderful astronomers

1231

00:48:44,609 --> 00:48:40,790

thank you to those people who have

1232

00:48:46,720 --> 00:48:44,619

recently joined the list of people's

1233

00:48:49,359 --> 00:48:46,730

contributing to the skeptic zone via

1234

00:48:52,359 --> 00:48:49,369

patreon or PayPal mostly via patreon

1235

00:48:55,390 --> 00:48:52,369

these days and I've just noticed in fact

1236

00:48:58,900 --> 00:48:55,400

I heard a news a news report two days

1237

00:49:01,270 --> 00:48:58,910

ago our dollar our dollar has tanked

1238

00:49:02,710 --> 00:49:01,280

when I say tanked it's at the bottom of

1239

00:49:06,660 --> 00:49:02,720

the tank the bottom of the barrel I

1240

00:49:09,280 --> 00:49:06,670

think it's hovering around 70 cents u.s.

1241

00:49:12,550 --> 00:49:09,290

hmm not good if you're going to the

1242

00:49:15,460 --> 00:49:12,560

states from here an expensive holiday

1243

00:49:18,370 --> 00:49:15,470

but if you're in the States sending

1244

00:49:21,220 --> 00:49:18,380

money to Australia your money magically

1245

00:49:23,650 --> 00:49:21,230

increases in fact if you want to come

1246

00:49:25,900 --> 00:49:23,660

and visit Australia Americans now is a

1247

00:49:28,359 --> 00:49:25,910

good time your dollar goes a lot further

1248

00:49:31,420 --> 00:49:28,369

but for those people who contribute to

1249

00:49:33,609 --> 00:49:31,430

the sceptic Zone in US dollars your

1250

00:49:35,500 --> 00:49:33,619

dollars magically increased by the time

1251

00:49:38,320 --> 00:49:35,510

they get here to skeptics own

1252

00:49:40,089 --> 00:49:38,330

headquarters and I think I mentioned

1253

00:49:42,099 --> 00:49:40,099

I've recently bought some new equipment

1254

00:49:45,790 --> 00:49:42,109

to make make it a lot easier for me to

1255

00:49:46,900 --> 00:49:45,800

do multi people interviews and mixing

1256

00:49:49,720 --> 00:49:46,910

and things like that much appreciated

1257

00:49:50,860 --> 00:49:49,730

all because of your generosity oh you

1258

00:49:54,100 --> 00:49:50,870

people who chip in

1259

00:49:56,350 --> 00:49:54,110

even if it's \$5 a month it it means the

1260

00:49:58,660 --> 00:49:56,360

show keeps going simple as that don't

1261

00:50:00,370 --> 00:49:58,670

forget to check out Maenads own podcasts

1262

00:50:03,370 --> 00:50:00,380

at Maynard com

1263

00:50:06,040 --> 00:50:03,380

au and if you have a scientific or

1264

00:50:07,260 --> 00:50:06,050

skeptically related podcast anywhere in

1265

00:50:10,720 --> 00:50:07,270

the world please get in touch

1266

00:50:14,080 --> 00:50:10,730

ww skeptics on TV you'll see the contact

1267

00:50:17,370 --> 00:50:14,090

links and I'd probably be very happy to

1268

00:50:20,170 --> 00:50:17,380

promote your your podcast or your blog

1269

00:50:22,750 --> 00:50:20,180

as long as its scientific clearly

1270

00:50:24,430 --> 00:50:22,760

related or skeptically motivated or

1271

00:50:26,740 --> 00:50:24,440

something like that we'll have a look

1272

00:50:28,660 --> 00:50:26,750

but for this week this is Richard

1273

00:50:34,870 --> 00:50:28,670

Saunders signing off from Sydney

1274

00:50:37,570 --> 00:50:34,880

Australia you've been listening to the

1275

00:50:42,160 --> 00:50:37,580

skeptic zone podcast please visit our

1276

00:50:44,980 --> 00:50:42,170

website at WWDC be for show notes

1277

00:50:48,480 --> 00:50:44,990

contacts and to access the back

1278

00:50:51,130 --> 00:50:48,490

catalogue of episodes going back to 2008

1279

00:50:54,430 --> 00:50:51,140

you can follow the skeptic zone podcast

1280

00:50:56,710 --> 00:50:54,440

on twitter at skeptic zone visit our

1281

00:51:00,070 --> 00:50:56,720

facebook page or leave a review on

1282

00:51:03,460 --> 00:51:00,080

itunes you can also support the skeptic

1283

00:51:05,800 --> 00:51:03,470

zone via patreon or PayPal the skeptic

1284

00:51:07,750 --> 00:51:05,810

zone podcast is an independent

1285

00:51:09,940 --> 00:51:07,760

production reviews and opinions

1286

00:51:12,100 --> 00:51:09,950

expressed on the skeptic zone are not

1287

00:51:15,030 --> 00:51:12,110

necessarily those of Australian skeptics

1288

00:51:26,200 --> 00:51:15,040

or any other sceptical organisation

1289

00:51:35,950 --> 00:51:32,570

what a nice coffee that was yes she's

1290

00:51:37,960 --> 00:51:35,960

looking at Buuren walk over

1291

00:51:40,269 --> 00:51:37,970

hello I know we did this before but it

1292

00:51:42,230 --> 00:51:40,279

didn't work so we have to do it again is

1293

00:51:44,930 --> 00:51:42,240

that Alright

1294

00:51:47,930 --> 00:51:44,940

it's karena from the Madame frou frou

1295

00:51:49,400 --> 00:51:47,940

cafe I'll just pass you the 10-sided

1296

00:51:54,110 --> 00:51:49,410

dice right there the same things how to

1297

00:51:55,780 --> 00:51:54,120

die so give it a good shake please take

1298

00:52:01,330 --> 00:51:55,790

shake shake shake

1299

00:52:07,760 --> 00:52:05,390

and the first number is lucky number

1300

00:52:10,880 --> 00:52:07,770

five number five is the first number

1301
00:52:13,910 --> 00:52:10,890
remember it's from zero to ten or one to

1302
00:52:27,050 --> 00:52:13,920
ten I should say next number one more

1303
00:52:28,670 --> 00:52:27,060
time here we go six yeah that's a little

1304
00:52:30,410 --> 00:52:28,680
line under it means that's that's the

1305
00:52:33,020 --> 00:52:30,420
way you look at it so that's five and

1306
00:52:34,670 --> 00:52:33,030
six one more time I wonder how you're

1307
00:52:39,230 --> 00:52:34,680
going there listening at home or in the

1308
00:52:46,700 --> 00:52:43,460
ten foot is a zero for that in this on

1309
00:52:49,670 --> 00:52:46,710
this dice that means ten so what was it

1310
00:52:54,110 --> 00:52:49,680
was five six and ten and where's the

1311
00:52:56,550 --> 00:52:54,120
best coffee in Cleveland Lee point three