

**SKEPTIC
ZONE**



**THINKING CAPS
MUST BE WORN
IN THIS AREA**

The
Podcast
from
Australia
for
Science
and
Reason

www.skepticzone.tv

1
00:00:27,030 --> 00:00:23,500
hello and welcome to the skeptics own

2
00:00:29,800 --> 00:00:27,040
show number 44 for the 21st of august

3
00:00:32,740 --> 00:00:29,810
2009 Richard Saunders here with you from

4
00:00:35,530 --> 00:00:32,750
Sydney Australia on today's show our

5
00:00:37,960 --> 00:00:35,540
reporter Carly Sturgis talks to slough

6
00:00:40,780 --> 00:00:37,970
from sessions with Slough the podcast

7
00:00:43,540 --> 00:00:40,790
and the music producer friend of George

8
00:00:46,000 --> 00:00:43,550
Robert following that we have another

9
00:00:49,090 --> 00:00:46,010
think tank this time it's dr. Richie

10
00:00:52,330 --> 00:00:49,100
Diane burst open and Joanne benim oh yes

11
00:00:54,100 --> 00:00:52,340
an all-female think tank once again now

12
00:00:56,320 --> 00:00:54,110
those of you in the state's coming to

13
00:00:58,329 --> 00:00:56,330

dragoncon in a couple of weeks please

14

00:01:00,520 --> 00:00:58,339

come and find us we'll be at the skeptic

15

00:01:02,560 --> 00:01:00,530

track and i'll be at the silk road track

16

00:01:05,200 --> 00:01:02,570

doing origami they'll be Kyle Easter

17

00:01:07,899 --> 00:01:05,210

just dr. Richie and myself plus our

18

00:01:10,990 --> 00:01:07,909

friends dr. Steve Roberts the Australian

19

00:01:12,789 --> 00:01:11,000

skeptics UFO expert and dr. Martin

20

00:01:14,710 --> 00:01:12,799

bridge stop from Queensland we'll all be

21

00:01:16,690 --> 00:01:14,720

there please come and find this out and

22

00:01:18,760 --> 00:01:16,700

say hello and i hope you'll enjoy some

23

00:01:21,280 --> 00:01:18,770

of the panels and talks will be giving

24

00:01:38,430 --> 00:01:21,290

but for now let's get on to this week's

25

00:01:44,080 --> 00:01:41,680

I'm Carly Sturgis and today I'm talking

26
00:01:46,900 --> 00:01:44,090
to slavko harlowton known to his many

27
00:01:48,820 --> 00:01:46,910
fans as Slough he works as a music

28
00:01:51,670 --> 00:01:48,830
producer and an award-winning recording

29
00:01:54,220 --> 00:01:51,680
artist his podcast sessions with slough

30
00:01:56,650 --> 00:01:54,230
takes listeners behind the scenes at be

31
00:01:59,080 --> 00:01:56,660
sharp a recording studio in New York

32
00:02:01,240 --> 00:01:59,090
City is experienced with sessions gear

33
00:02:03,460 --> 00:02:01,250
reviews and equipment shootouts make him

34
00:02:05,440 --> 00:02:03,470
an expert choice to discuss how to feel

35
00:02:07,719 --> 00:02:05,450
practically and pragmatically with

36
00:02:13,690 --> 00:02:07,729
superstitions and pseudoscience in the

37
00:02:15,460 --> 00:02:13,700
audio industry okay I'm really with your

38
00:02:18,100 --> 00:02:15,470

work because I listened to a great

39

00:02:20,380 --> 00:02:18,110

podcast called sessions with slam and I

40

00:02:23,140 --> 00:02:20,390

am NOT one who is particularly familiar

41

00:02:25,000 --> 00:02:23,150

with audio technology but I I enjoy

42

00:02:26,710 --> 00:02:25,010

listening to someone who's enthusiastic

43

00:02:29,020 --> 00:02:26,720

about their profession and you're

44

00:02:30,850 --> 00:02:29,030

certainly that recently you discussed

45

00:02:33,370 --> 00:02:30,860

the superstition multitrack on your

46

00:02:35,170 --> 00:02:33,380

podcast and I immediately thought to

47

00:02:37,420 --> 00:02:35,180

myself are they commonly held

48

00:02:39,010 --> 00:02:37,430

superstitions in the audio industry and

49

00:02:42,790 --> 00:02:39,020

how do you deal with them when you come

50

00:02:45,520 --> 00:02:42,800

across them well um i would say that in

51
00:02:47,380 --> 00:02:45,530
them in the music industry or at least

52
00:02:49,720 --> 00:02:47,390
the part of the industry that I'm

53
00:02:53,050 --> 00:02:49,730
involved with mostly which is recording

54
00:02:56,710 --> 00:02:53,060
I would say generally there aren't too

55
00:02:59,170 --> 00:02:56,720
many superstitions that are a parent or

56
00:03:02,080 --> 00:02:59,180
obvious I mean like say like in

57
00:03:04,270 --> 00:03:02,090
something like baseball for example you

58
00:03:07,090 --> 00:03:04,280
might have the people who have a

59
00:03:08,590 --> 00:03:07,100
superstition about a a winning streak or

60
00:03:09,699 --> 00:03:08,600
something like that you know like the

61
00:03:11,979 --> 00:03:09,709
the pitcher won't change his underwear

62
00:03:16,180 --> 00:03:11,989
for three months or something disgusting

63
00:03:18,100 --> 00:03:16,190

like oh dear God yeah in the in the

64

00:03:21,370 --> 00:03:18,110

audio industry or in the recording

65

00:03:24,220 --> 00:03:21,380

industry um I think if if anything

66

00:03:27,180 --> 00:03:24,230

people might have their own little thing

67

00:03:32,530 --> 00:03:27,190

that they like to do to sort of get them

68

00:03:35,920 --> 00:03:32,540

themselves focused you know it is it is

69

00:03:37,900 --> 00:03:35,930

an environment where you have to deliver

70

00:03:42,849 --> 00:03:37,910

something creatively and sort of

71

00:03:45,420 --> 00:03:42,859

whatever relaxes you I i think is it can

72

00:03:47,110 --> 00:03:45,430

be a good thing you know people might

73

00:03:49,000 --> 00:03:47,120

bring some

74

00:03:51,009 --> 00:03:49,010

thing like oh I don't know their

75

00:03:52,930 --> 00:03:51,019

favorite little you know quote unquote

76

00:03:54,460 --> 00:03:52,940

lucky charm or something like that

77

00:03:56,920 --> 00:03:54,470

something that gives them a sense of

78

00:04:01,960 --> 00:03:56,930

comfort something from their from their

79

00:04:03,610 --> 00:04:01,970

home or something of a loved ones you

80

00:04:05,860 --> 00:04:03,620

know keychain or something I don't know

81

00:04:08,110 --> 00:04:05,870

what whatever it is I haven't had an

82

00:04:12,369 --> 00:04:08,120

instance where it's gotten in the way of

83

00:04:17,259 --> 00:04:12,379

anything sometimes you know I i happen

84

00:04:19,870 --> 00:04:17,269

to have quite a lot of religious clients

85

00:04:23,320 --> 00:04:19,880

a lot of like Baptists for some reason

86

00:04:25,360 --> 00:04:23,330

and the one thing I say that sort of

87

00:04:27,370 --> 00:04:25,370

makes me a little bit uncomfortable from

88

00:04:32,680 --> 00:04:27,380

time to time it's not a big deal but

89

00:04:36,100 --> 00:04:32,690

they really like to pray a lot oh and

90

00:04:37,750 --> 00:04:36,110

and it's like right before I it started

91

00:04:40,990 --> 00:04:37,760

out with some people at the beginning of

92

00:04:42,790 --> 00:04:41,000

a session they would sort of you know as

93

00:04:44,740 --> 00:04:42,800

a group they would pray and and that's

94

00:04:46,529 --> 00:04:44,750

fine i've just sit there that you know

95

00:04:49,060 --> 00:04:46,539

at the console i wouldn't say anything

96

00:04:50,379 --> 00:04:49,070

and they would do the thing but then it

97

00:04:52,540 --> 00:04:50,389

got to the point where people were sort

98

00:04:54,100 --> 00:04:52,550

of you know praying before each take in

99

00:04:58,060 --> 00:04:54,110

a recording session and that just gets

100

00:05:02,170 --> 00:04:58,070

that just really to me upsets the flow

101
00:05:05,589 --> 00:05:02,180
of things um but time is money as well

102
00:05:07,390 --> 00:05:05,599
it is it is and and i mean it's it's up

103
00:05:09,790 --> 00:05:07,400
to them if that's what makes you know if

104
00:05:11,740 --> 00:05:09,800
that's what gets them motivated well

105
00:05:16,240 --> 00:05:11,750
that's fine Who am I to say that they

106
00:05:18,460 --> 00:05:16,250
shouldn't be doing it the one time well

107
00:05:21,070 --> 00:05:18,470
it was actually it happened a couple of

108
00:05:22,860 --> 00:05:21,080
times now I but but the first time it

109
00:05:25,960 --> 00:05:22,870
happened it really took me by surprise

110
00:05:28,180 --> 00:05:25,970
one of my clients who it was a brilliant

111
00:05:33,339 --> 00:05:28,190
brilliant pianist like you know a

112
00:05:36,670 --> 00:05:33,349
grammy-winning kind of artist um he he's

113
00:05:39,520 --> 00:05:36,680

a he's a christian and you know he had a

114

00:05:42,310 --> 00:05:39,530

band in and they sort of invited me to

115

00:05:44,230 --> 00:05:42,320

pray with them in the live room standing

116

00:05:46,390 --> 00:05:44,240

in a circle holding hands and and I just

117

00:05:49,270 --> 00:05:46,400

I'm the kind of person so I'm so non

118

00:05:52,150 --> 00:05:49,280

confrontational I said sure you know i

119

00:05:55,450 --> 00:05:52,160

just i went in there you know held the

120

00:05:57,520 --> 00:05:55,460

hell the hands and stuff and they just

121

00:05:59,040 --> 00:05:57,530

went into this real kind of like a

122

00:06:01,710 --> 00:05:59,050

baptist kind of prey

123

00:06:03,869 --> 00:06:01,720

the Lord praise and thank you Lord for

124

00:06:06,540 --> 00:06:03,879

for putting us in touch with Slough and

125

00:06:09,770 --> 00:06:06,550

this net you know I'm just standing

126

00:06:11,790 --> 00:06:09,780

there smiling and I'm not not

127

00:06:14,939 --> 00:06:11,800

participating in the sense of I'm not

128

00:06:17,520 --> 00:06:14,949

praying but hey if it if I you see the

129

00:06:21,869 --> 00:06:17,530

thing is if I were to say to them no no

130

00:06:23,309 --> 00:06:21,879

no go ahead you know I i pass i don't

131

00:06:26,369 --> 00:06:23,319

know if that would make them feel

132

00:06:29,520 --> 00:06:26,379

particularly uncomfortable and i feel

133

00:06:33,119 --> 00:06:29,530

less discomfort i believe just standing

134

00:06:36,240 --> 00:06:33,129

there and smiling than they would if I

135

00:06:38,580 --> 00:06:36,250

refused so you know it's a case of

136

00:06:41,010 --> 00:06:38,590

what's the harm in this case you're sort

137

00:06:42,930 --> 00:06:41,020

of helping them out I guess to me to me

138

00:06:45,749 --> 00:06:42,940

that that's yeah yeah that's how it

139

00:06:48,930 --> 00:06:45,759

feels to me so but as far as just

140

00:06:52,320 --> 00:06:48,940

general kind of superstition I i I've

141

00:06:54,029 --> 00:06:52,330

been lucky to not encounter it uh you

142

00:06:57,390 --> 00:06:54,039

know what whatever makes the person feel

143

00:06:59,520 --> 00:06:57,400

comfortable i think is ok if somebody

144

00:07:02,339 --> 00:06:59,530

came in and and and you know and wanted

145

00:07:04,110 --> 00:07:02,349

to do something that I objected to well

146

00:07:08,249 --> 00:07:04,120

then I don't know I have to deal with

147

00:07:12,779 --> 00:07:08,259

that you know as I encountered it but so

148

00:07:14,309 --> 00:07:12,789

far knock on wood lucky oh that's a good

149

00:07:17,189 --> 00:07:14,319

one to use definitely being a

150

00:07:19,769 --> 00:07:17,199

superstition in itself right now in

151
00:07:22,200 --> 00:07:19,779
these cases we can say okay it's routine

152
00:07:23,519 --> 00:07:22,210
it gets people into a comfort zone what

153
00:07:26,330 --> 00:07:23,529
happens when it's something that is

154
00:07:28,379 --> 00:07:26,340
dangerous when people start promoting

155
00:07:30,959 --> 00:07:28,389
pseudoscience that will actually rip

156
00:07:33,240 --> 00:07:30,969
them off have you come across many audio

157
00:07:35,070 --> 00:07:33,250
base to pseudoscience which people have

158
00:07:37,709 --> 00:07:35,080
been touting saying this will improve

159
00:07:39,540 --> 00:07:37,719
things beyond compare and it just really

160
00:07:41,790 --> 00:07:39,550
won't for their pocket at least if not

161
00:07:44,730 --> 00:07:41,800
maybe their career I don't know the

162
00:07:48,240 --> 00:07:44,740
thing that I that I've encountered so

163
00:07:52,070 --> 00:07:48,250

far in terms of stuff like that I think

164

00:07:55,140 --> 00:07:52,080

that people are easily influenced by

165

00:07:57,480 --> 00:07:55,150

just you know brand names and the way

166

00:08:01,170 --> 00:07:57,490

things look as opposed to the way they

167

00:08:03,809 --> 00:08:01,180

sound and the way they work you know

168

00:08:06,300 --> 00:08:03,819

there was a case where I had a bass

169

00:08:10,010 --> 00:08:06,310

player who came in and would would not

170

00:08:14,330 --> 00:08:10,020

use anything but monster cable

171

00:08:16,700 --> 00:08:14,340

yeah and and he swore that you know the

172

00:08:19,309 --> 00:08:16,710

transient was response was much better

173

00:08:21,409 --> 00:08:19,319

and stuff like that and you know the

174

00:08:23,480 --> 00:08:21,419

thing is I know that he paid like an

175

00:08:26,779 --> 00:08:23,490

enormous amount of money for cables and

176

00:08:30,020 --> 00:08:26,789

stuff and and to me it was just

177

00:08:34,490 --> 00:08:30,030

something that I didn't believe in any

178

00:08:36,290 --> 00:08:34,500

way made any difference you know so I

179

00:08:38,600 --> 00:08:36,300

it's it's something that I've

180

00:08:43,699 --> 00:08:38,610

encountered to a degree but I think more

181

00:08:48,280 --> 00:08:43,709

so people are just mesmerised by brand

182

00:08:50,840 --> 00:08:48,290

names and the uh you know the the

183

00:08:52,670 --> 00:08:50,850

promise of something rather than the

184

00:08:55,010 --> 00:08:52,680

performance they say well this

185

00:08:57,460 --> 00:08:55,020

microphone will make you sound to you

186

00:09:00,829 --> 00:08:57,470

know like so and so it's a vintage

187

00:09:04,040 --> 00:09:00,839

styled microphone with you know with

188

00:09:06,230 --> 00:09:04,050

vacuum tube electronics and that kind of

189

00:09:08,360 --> 00:09:06,240

stuff and and you know that that's all

190

00:09:12,139 --> 00:09:08,370

fine and good but really I think it's

191

00:09:15,380 --> 00:09:12,149

it's just it's the image it's the it's

192

00:09:18,319 --> 00:09:15,390

the sexiness of what is being sold it's

193

00:09:20,480 --> 00:09:18,329

a business I mean that's its retail it

194

00:09:22,220 --> 00:09:20,490

happens everywhere yeah absolutely yeah

195

00:09:25,490 --> 00:09:22,230

is it very difficult to distinguish

196

00:09:29,139 --> 00:09:25,500

height from a good product um well it is

197

00:09:33,050 --> 00:09:29,149

it difficult I I think that it can be

198

00:09:37,010 --> 00:09:33,060

you know unfortunately in in the audio

199

00:09:43,340 --> 00:09:37,020

industry much of what is sold is sold by

200

00:09:45,650 --> 00:09:43,350

ad copy and you really that there's not

201
00:09:49,550 --> 00:09:45,660
much that you can determine when you

202
00:09:51,290 --> 00:09:49,560
walk into a pro audio shop you know is

203
00:09:52,760 --> 00:09:51,300
this microphone good well sure we could

204
00:09:55,100 --> 00:09:52,770
plug it in you could hear it well that's

205
00:09:59,389 --> 00:09:55,110
not really going to be a great test of

206
00:10:01,130 --> 00:09:59,399
something that that will have subtle

207
00:10:04,610 --> 00:10:01,140
differences between one product and

208
00:10:06,199 --> 00:10:04,620
another and well fortunately or

209
00:10:08,360 --> 00:10:06,209
unfortunately I'm not sure they're the

210
00:10:11,620 --> 00:10:08,370
only way to tell is to really purchase

211
00:10:13,819 --> 00:10:11,630
the product and then try it in your own

212
00:10:15,949 --> 00:10:13,829
studio in your own home whatever

213
00:10:20,900 --> 00:10:15,959

whatever it is on location whatever kind

214

00:10:24,170 --> 00:10:20,910

of work you do as far as the sort of

215

00:10:26,420 --> 00:10:24,180

consumer market a stereo system

216

00:10:28,639 --> 00:10:26,430

and stuff I think what sells a lot of

217

00:10:30,860 --> 00:10:28,649

people are the specifications of

218

00:10:34,639 --> 00:10:30,870

something and say well this thing goes

219

00:10:37,730 --> 00:10:34,649

down to 20 Hertz and and and has a this

220

00:10:39,500 --> 00:10:37,740

amplifier has a frequency range of up to

221

00:10:42,260 --> 00:10:39,510

fifty kilohertz or something like that

222

00:10:46,130 --> 00:10:42,270

which is just beyond anything that we

223

00:10:49,670 --> 00:10:46,140

can really detect and and some people I

224

00:10:53,990 --> 00:10:49,680

think just by on specs alone and I

225

00:10:56,410 --> 00:10:54,000

suppose that's okay really sometimes I

226

00:10:59,780 --> 00:10:56,420

think that people just spend money

227

00:11:02,570 --> 00:10:59,790

unnecessarily and they're they're just

228

00:11:06,079 --> 00:11:02,580

sold in a store by my image again

229

00:11:06,889 --> 00:11:06,089

there's an excellent podcast i want to

230

00:11:09,769 --> 00:11:06,899

mention i don't know if you're familiar

231

00:11:12,199 --> 00:11:09,779

with quick hits yes a guy named dave hit

232

00:11:14,960 --> 00:11:12,209

has a podcast he had a blog called the

233

00:11:17,600 --> 00:11:14,970

Hitman chronicles and in his podcast he

234

00:11:21,380 --> 00:11:17,610

has an episode where he speaks about

235

00:11:24,230 --> 00:11:21,390

being he used to work in a in an audio

236

00:11:26,510 --> 00:11:24,240

retail kind of a place place that sells

237

00:11:29,360 --> 00:11:26,520

stereo systems and stuff like that and

238

00:11:32,560 --> 00:11:29,370

the workers there were of course very

239

00:11:35,000 --> 00:11:32,570

familiar with the equipment the the

240

00:11:37,370 --> 00:11:35,010

speaker enclosures that they would sell

241

00:11:38,780 --> 00:11:37,380

the amplifiers the stereo systems in

242

00:11:41,420 --> 00:11:38,790

general the turntables and everything

243

00:11:45,140 --> 00:11:41,430

and so they would sometimes when it was

244

00:11:48,410 --> 00:11:45,150

slow they would just kind of do kind of

245

00:11:50,150 --> 00:11:48,420

their own little blind tests you know of

246

00:11:52,550 --> 00:11:50,160

equipment and they got to the point

247

00:11:54,380 --> 00:11:52,560

where they could tell speakers apart and

248

00:11:57,110 --> 00:11:54,390

stuff like that because with speakers

249

00:12:00,079 --> 00:11:57,120

that's something that's pretty pretty

250

00:12:02,120 --> 00:12:00,089

apparent especially if if you get used

251
00:12:05,900 --> 00:12:02,130
to hearing a particular pair of speakers

252
00:12:08,480 --> 00:12:05,910
and stuff um but you know they they when

253
00:12:12,410 --> 00:12:08,490
they sold equipment they would throw in

254
00:12:14,449 --> 00:12:12,420
speaker wire and um you know this stuff

255
00:12:17,000 --> 00:12:14,459
was like you know what penny of foot it

256
00:12:18,199 --> 00:12:17,010
was just it was really nothing I mean

257
00:12:19,519 --> 00:12:18,209
they didn't they didn't charge the

258
00:12:22,370 --> 00:12:19,529
customer they would just say you know

259
00:12:23,690 --> 00:12:22,380
hey how how many feet of speaker cable

260
00:12:25,940 --> 00:12:23,700
do you need and it was kind of a way to

261
00:12:27,500 --> 00:12:25,950
close the deal you know it's like if a

262
00:12:29,210 --> 00:12:27,510
person was standing there wondering this

263
00:12:30,769 --> 00:12:29,220

is so how many speedy feet of speaker

264

00:12:32,390 --> 00:12:30,779

cable I need then and that would sort

265

00:12:34,910 --> 00:12:32,400

of push them over the edge of you know

266

00:12:36,800 --> 00:12:34,920

they would say you know 12 feet and boom

267

00:12:38,470 --> 00:12:36,810

that the sale is done and at a certain

268

00:12:40,580 --> 00:12:38,480

point they started gay

269

00:12:43,520 --> 00:12:40,590

monster cable and this was in the late

270

00:12:47,420 --> 00:12:43,530

70s now the monster cable they sold at

271

00:12:48,920 --> 00:12:47,430

like forty dollars a foot or some or for

272

00:12:51,590 --> 00:12:48,930

forty dollars a cable or whatever it was

273

00:12:53,960 --> 00:12:51,600

but but the point is that this stuff was

274

00:12:57,200 --> 00:12:53,970

way more expensive and they actually had

275

00:12:59,510 --> 00:12:57,210

to charge the client and some people you

276

00:13:01,550 --> 00:12:59,520

know came in specifically asking for

277

00:13:03,490 --> 00:13:01,560

monster cable and stuff and and these

278

00:13:05,570 --> 00:13:03,500

employees just didn't feel that they

279

00:13:08,620 --> 00:13:05,580

that there really was a difference

280

00:13:11,420 --> 00:13:08,630

between the two cables so they set up a

281

00:13:12,680 --> 00:13:11,430

blind test that they did themselves and

282

00:13:14,750 --> 00:13:12,690

like all the people in the store the

283

00:13:17,360 --> 00:13:14,760

employees participated and they

284

00:13:19,940 --> 00:13:17,370

absolutely could not tell the difference

285

00:13:25,130 --> 00:13:19,950

between one cable and another there was

286

00:13:27,230 --> 00:13:25,140

just simply no difference and yet ah you

287

00:13:30,700 --> 00:13:27,240

know if a person wants to spend that

288

00:13:33,050 --> 00:13:30,710

kind of money on a cable well fine I

289

00:13:36,530 --> 00:13:33,060

guess there's nothing wrong with it

290

00:13:38,840 --> 00:13:36,540

however if these were sales people there

291

00:13:42,710 --> 00:13:38,850

in there in it to make money to make a

292

00:13:45,530 --> 00:13:42,720

commission and well Dave when he was

293

00:13:47,570 --> 00:13:45,540

recounting this in his podcast said well

294

00:13:49,310 --> 00:13:47,580

you know for him if somebody

295

00:13:50,900 --> 00:13:49,320

specifically asked for it he would he

296

00:13:53,390 --> 00:13:50,910

would sell it to them brother but

297

00:13:55,610 --> 00:13:53,400

otherwise he didn't push it because he

298

00:13:57,860 --> 00:13:55,620

just didn't feel that it was right to do

299

00:14:00,440 --> 00:13:57,870

so you know it was like one does this

300

00:14:02,440 --> 00:14:00,450

cheap one penny a foot cable is just as

301

00:14:05,150 --> 00:14:02,450

good it's certainly something that

302

00:14:08,720 --> 00:14:05,160

skeptics are interested in we had James

303

00:14:10,610 --> 00:14:08,730

Randi back in 2007 who had to test the

304

00:14:13,910 --> 00:14:10,620

let me see seven thousand two hundred

305

00:14:16,400 --> 00:14:13,920

and fifty dollar 12-foot our new audio

306

00:14:19,210 --> 00:14:16,410

cables which are sold by company pair oh

307

00:14:21,560 --> 00:14:19,220

you're starting to grown already yeah

308

00:14:23,270 --> 00:14:21,570

have you ever had the opportunity to do

309

00:14:26,120 --> 00:14:23,280

a similar taste or would you suggest

310

00:14:27,980 --> 00:14:26,130

people to such a thing you know I've

311

00:14:34,250 --> 00:14:27,990

never heard I've never had the

312

00:14:37,760 --> 00:14:34,260

opportunity to use pair cable um I've

313

00:14:39,830 --> 00:14:37,770

certainly heard of places that had cable

314

00:14:42,020 --> 00:14:39,840

even more expensive there are some

315

00:14:46,340 --> 00:14:42,030

studios you know that that just have

316

00:14:50,090 --> 00:14:46,350

solid gold cable and it's just I mean

317

00:14:51,310 --> 00:14:50,100

you know the thing is it's common to go

318

00:14:57,010 --> 00:14:51,320

into a

319

00:14:59,560 --> 00:14:57,020

audio retailer and see things that are

320

00:15:02,800 --> 00:14:59,570

like you know gold-plated contacts you

321

00:15:06,180 --> 00:15:02,810

know and well gold is a great conductor

322

00:15:11,800 --> 00:15:06,190

of electricity and stuff and and and

323

00:15:16,080 --> 00:15:11,810

yeah okay I'll buy that that the gold

324

00:15:20,130 --> 00:15:16,090

contacts don't corrode they they don't

325

00:15:24,040 --> 00:15:20,140

break down like some other cheap metals

326

00:15:27,460 --> 00:15:24,050

but you know as a conductor copper is

327

00:15:32,650 --> 00:15:27,470

also great as long as it's sort of

328

00:15:38,830 --> 00:15:32,660

oxygen free it'll last a lifetime and so

329

00:15:40,660 --> 00:15:38,840

I just simply don't buy this this claim

330

00:15:43,240 --> 00:15:40,670

and I I've certainly heard of that

331

00:15:46,300 --> 00:15:43,250

challenge and and it's did it's just no

332

00:15:48,760 --> 00:15:46,310

surprise that it just never went through

333

00:15:50,910 --> 00:15:48,770

it never got past the preliminaries you

334

00:15:53,800 --> 00:15:50,920

know the and there are ways to of course

335

00:15:57,400 --> 00:15:53,810

you know test even even from a

336

00:15:59,680 --> 00:15:57,410

perspective of you know I'll tell you

337

00:16:01,680 --> 00:15:59,690

what it you know in it in a controlled

338

00:16:05,050 --> 00:16:01,690

experiment where you're doing a

339

00:16:08,580 --> 00:16:05,060

spectrographic sort of analysis of how

340

00:16:14,050 --> 00:16:08,590

one cable works as opposed to another

341

00:16:16,300 --> 00:16:14,060

there might be a slight difference in

342

00:16:18,910 --> 00:16:16,310

the response me you could take two of

343

00:16:22,420 --> 00:16:18,920

the same kind of cable and you might get

344

00:16:24,340 --> 00:16:22,430

a slightly different response but really

345

00:16:28,330 --> 00:16:24,350

it's non-detectable it's an

346

00:16:32,410 --> 00:16:28,340

insignificant differences and ultimately

347

00:16:35,620 --> 00:16:32,420

a the person on the street to them you

348

00:16:37,090 --> 00:16:35,630

know it would never make a difference it

349

00:16:39,880 --> 00:16:37,100

would just absolutely would never make a

350

00:16:43,570 --> 00:16:39,890

difference people tend not to hear the

351
00:16:49,240 --> 00:16:43,580
difference between mp3 and CD audio I

352
00:16:52,930 --> 00:16:49,250
mean low resolution mp3's stuff that's

353
00:16:55,990 --> 00:16:52,940
been compressed quite a bit um yeah

354
00:17:01,360 --> 00:16:56,000
people start to hear the artifacts but

355
00:17:03,790 --> 00:17:01,370
when you're getting up to a 320kbps sort

356
00:17:04,930 --> 00:17:03,800
of compression where you're you're

357
00:17:08,530 --> 00:17:04,940
decreasing the fire

358
00:17:12,030 --> 00:17:08,540
size by a factor of say a quarter of the

359
00:17:14,680 --> 00:17:12,040
original size or so most people just

360
00:17:17,350 --> 00:17:14,690
absolutely cannot tell a difference I

361
00:17:20,020 --> 00:17:17,360
can barely tell the difference sometimes

362
00:17:23,470 --> 00:17:20,030
depending on the program material but

363
00:17:25,450 --> 00:17:23,480

you know it's so so is it ever worth it

364

00:17:28,120 --> 00:17:25,460

for someone to pay seven thousand

365

00:17:30,370 --> 00:17:28,130

dollars for a cable absolutely not in my

366

00:17:32,830 --> 00:17:30,380

opinion but you know what if you have

367

00:17:35,080 --> 00:17:32,840

the money and you want the bragging

368

00:17:37,660 --> 00:17:35,090

rights well that's what it costs hmm

369

00:17:39,820 --> 00:17:37,670

yeah you know there was another thing

370

00:17:42,100 --> 00:17:39,830

that came to mind speaking of audio CDs

371

00:17:45,310 --> 00:17:42,110

I mean then this is an example of just

372

00:17:48,430 --> 00:17:45,320

as absolute quackery there were people

373

00:17:52,810 --> 00:17:48,440

that absolutely swore that if you took

374

00:17:56,640 --> 00:17:52,820

an audio CD and put it in a ziplock bag

375

00:17:59,800 --> 00:17:56,650

and put it in the freezer overnight

376

00:18:02,440 --> 00:17:59,810

really that the next day you take it out

377

00:18:04,870 --> 00:18:02,450

let it sit you know just to get to room

378

00:18:07,810 --> 00:18:04,880

temperature and they swore it would

379

00:18:10,990 --> 00:18:07,820

absolutely sound better now these are

380

00:18:13,090 --> 00:18:11,000

ones and zeros this is digital and

381

00:18:14,710 --> 00:18:13,100

people swore that it made a difference

382

00:18:17,040 --> 00:18:14,720

there were another group of people who

383

00:18:19,510 --> 00:18:17,050

swore that if you took this particular

384

00:18:21,490 --> 00:18:19,520

green marker and it was a particular

385

00:18:25,450 --> 00:18:21,500

brand on a particular shade of green and

386

00:18:27,760 --> 00:18:25,460

if you and if you sort of marked the

387

00:18:31,210 --> 00:18:27,770

edge of the CD that that would influence

388

00:18:34,470 --> 00:18:31,220

the sound baloney I mean that its just

389

00:18:39,790 --> 00:18:34,480

oh wow I'm trying to keep it clean Kylie

390

00:18:42,700 --> 00:18:39,800

because I it just it's just outrageous

391

00:18:45,340 --> 00:18:42,710

and how you know how do you prove

392

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

something like this I mean it's it's so

393

00:18:48,460 --> 00:18:47,090

subjective somebody might sit there and

394

00:18:50,560 --> 00:18:48,470

listen and say well that sounds better

395

00:18:52,060 --> 00:18:50,570

and you know what if you had one CD that

396

00:18:53,710 --> 00:18:52,070

you didn't do that with and the CD that

397

00:18:56,410 --> 00:18:53,720

you did it with you have a 50-50 chance

398

00:18:59,680 --> 00:18:56,420

of getting right it's just it's not a

399

00:19:02,290 --> 00:18:59,690

good test and there's no way there's no

400

00:19:05,590 --> 00:19:02,300

way that somebody could pick out a CD

401
00:19:08,860 --> 00:19:05,600
that's been frozen you know at this just

402
00:19:13,120 --> 00:19:08,870
it's just absolutely no way and and in

403
00:19:16,390 --> 00:19:13,130
the audio industry they're they're just

404
00:19:18,340 --> 00:19:16,400
so few people I haven't even come across

405
00:19:22,630 --> 00:19:18,350
an instance where

406
00:19:24,279 --> 00:19:22,640
an audio professional really uh you know

407
00:19:27,490 --> 00:19:24,289
where they put their reputation on the

408
00:19:30,370 --> 00:19:27,500
line and said that I can tell this over

409
00:19:33,370 --> 00:19:30,380
this other thing because nobody nobody

410
00:19:35,830 --> 00:19:33,380
can you know it's not like the

411
00:19:37,380 --> 00:19:35,840
difference between it's not like telling

412
00:19:40,240 --> 00:19:37,390
the difference between something that's

413
00:19:43,720 --> 00:19:40,250

absolute crap and something that's quite

414

00:19:45,460 --> 00:19:43,730

good we're talking often you know you're

415

00:19:47,919 --> 00:19:45,470

you're talking about differences that

416

00:19:50,409 --> 00:19:47,929

are just in perceivable and and thus

417

00:19:52,720 --> 00:19:50,419

insignificant and they don't make a

418

00:19:54,850 --> 00:19:52,730

difference you find so little of that

419

00:19:57,549 --> 00:19:54,860

but you'll find tons of people who are

420

00:19:59,980 --> 00:19:57,559

willing to tout the the benefits of this

421

00:20:03,159 --> 00:19:59,990

particular gear over that and and how

422

00:20:06,010 --> 00:20:03,169

wonderful this sounds and how warm this

423

00:20:08,080 --> 00:20:06,020

particular microphone sounds as opposed

424

00:20:09,549 --> 00:20:08,090

to something else and you know there are

425

00:20:14,130 --> 00:20:09,559

buzz words like that you know something

426
00:20:17,020 --> 00:20:14,140
that sounds warm and and punchy well

427
00:20:20,830 --> 00:20:17,030
people have yet to define those words

428
00:20:22,899 --> 00:20:20,840
are they good publications or sites or

429
00:20:25,029 --> 00:20:22,909
even professionals within the industry

430
00:20:29,620 --> 00:20:25,039
who are considered trustworthy in terms

431
00:20:33,760 --> 00:20:29,630
of consumer affairs you know yeah as as

432
00:20:38,020 --> 00:20:33,770
far as as far as consumer audio there is

433
00:20:41,200 --> 00:20:38,030
a consumer reports magazine of course

434
00:20:45,190 --> 00:20:41,210
that they really go through enormous

435
00:20:47,620 --> 00:20:45,200
pains to do controlled experiments and

436
00:20:51,159 --> 00:20:47,630
they built an anechoic chamber which is

437
00:20:53,830 --> 00:20:51,169
which is a huge room that has no echo in

438
00:20:56,110 --> 00:20:53,840

it whatsoever it's absolutely lined top

439

00:20:58,779 --> 00:20:56,120

to bottom with fiberglass even the floor

440

00:21:01,120 --> 00:20:58,789

is actually a metal grid beneath which

441

00:21:03,960 --> 00:21:01,130

there's fiberglass so when you walk into

442

00:21:07,810 --> 00:21:03,970

this thing it is it is the most unusual

443

00:21:10,390 --> 00:21:07,820

experience because you have no sense of

444

00:21:13,830 --> 00:21:10,400

space you have no sense of whether

445

00:21:16,120 --> 00:21:13,840

you're in a tiny room or a gigantic

446

00:21:19,210 --> 00:21:16,130

auditorium a bit because there's nothing

447

00:21:21,130 --> 00:21:19,220

to give you that audible feedback and

448

00:21:22,899 --> 00:21:21,140

actually when you're walking into an

449

00:21:25,149 --> 00:21:22,909

anechoic chamber you almost feel like

450

00:21:28,180 --> 00:21:25,159

you're going into sort of a submarine or

451
00:21:29,860 --> 00:21:28,190
something because suddenly it feels like

452
00:21:31,720 --> 00:21:29,870
that the pressure is different although

453
00:21:32,040 --> 00:21:31,730
it's absolutely the same it hasn't

454
00:21:33,750 --> 00:21:32,050
changed

455
00:21:37,350 --> 00:21:33,760
but it's just an illusion because of

456
00:21:40,710 --> 00:21:37,360
your ears anyway so they go through noon

457
00:21:44,910 --> 00:21:40,720
or enormous pains to build you know

458
00:21:48,510 --> 00:21:44,920
places like this and and set up tests to

459
00:21:54,660 --> 00:21:48,520
to give a real-world comparison between

460
00:21:56,520 --> 00:21:54,670
say stereo speakers or or amplifiers and

461
00:21:58,560 --> 00:21:56,530
stuff they don't have any advertising

462
00:22:01,620 --> 00:21:58,570
and so that's what makes it you know

463
00:22:03,990 --> 00:22:01,630

it's purely subscription-based so that's

464

00:22:07,770 --> 00:22:04,000

what makes it trustworthy in the audio

465

00:22:11,040 --> 00:22:07,780

the pro audio world there used to be a

466

00:22:15,170 --> 00:22:11,050

publication that had no ads and I used

467

00:22:17,910 --> 00:22:15,180

to read their reviews all the time but

468

00:22:21,170 --> 00:22:17,920

unfortunately now they have ads and

469

00:22:23,610 --> 00:22:21,180

suddenly and yeah yeah it's just uh

470

00:22:26,730 --> 00:22:23,620

every review is like well this is a

471

00:22:28,350 --> 00:22:26,740

great product you know that's just it's

472

00:22:30,750 --> 00:22:28,360

a little bit like fashion magazines

473

00:22:32,370 --> 00:22:30,760

where oh yes this lipstick is wonderful

474

00:22:36,060 --> 00:22:32,380

and then suddenly there's a full-page ad

475

00:22:39,050 --> 00:22:36,070

for it on the other page and you got Lee

476

00:22:42,330 --> 00:22:39,060

so so there's you know unfortunately

477

00:22:47,190 --> 00:22:42,340

there is no publication that I know of

478

00:22:49,830 --> 00:22:47,200

that is purely objective and and doesn't

479

00:22:52,560 --> 00:22:49,840

accept advertising there are plenty of

480

00:22:55,560 --> 00:22:52,570

online forms but that's just like the

481

00:22:58,170 --> 00:22:55,570

worst place in the world to research

482

00:23:00,240 --> 00:22:58,180

yeah I mean it's just because everybody

483

00:23:04,260 --> 00:23:00,250

in these forms especially in the pro

484

00:23:07,890 --> 00:23:04,270

audio world you know everybody just

485

00:23:11,340 --> 00:23:07,900

really likes to brag about what they

486

00:23:15,360 --> 00:23:11,350

particularly own or they'll only regard

487

00:23:18,270 --> 00:23:15,370

a particular brand yeah you know as

488

00:23:20,010 --> 00:23:18,280

being worth anything and everything else

489

00:23:22,920 --> 00:23:20,020

is crap and everything is made in china

490

00:23:25,110 --> 00:23:22,930

and i can't stand to listen to this

491

00:23:29,370 --> 00:23:25,120

particular product or whatever it is and

492

00:23:32,550 --> 00:23:29,380

it's just it's just fairly useless it is

493

00:23:35,670 --> 00:23:32,560

difficult if you're getting into that

494

00:23:38,010 --> 00:23:35,680

the signal to noise is obese yeah yes

495

00:23:40,470 --> 00:23:38,020

exactly I have one more question which

496

00:23:43,440 --> 00:23:40,480

our CDs really good at replacing LPS

497

00:23:45,519 --> 00:23:43,450

after all well you know when when CDs

498

00:23:48,950 --> 00:23:45,529

first came out

499

00:23:52,639 --> 00:23:48,960

the technology that was used to create

500

00:23:55,190 --> 00:23:52,649

those cds wasn't a mature technology and

501
00:23:58,759 --> 00:23:55,200
everybody complained well some people of

502
00:24:01,039 --> 00:23:58,769
course purists naturally complained that

503
00:24:06,619 --> 00:24:01,049
it just didn't sound anywhere near as

504
00:24:10,609 --> 00:24:06,629
good as LPS or or as good as you know a

505
00:24:15,249 --> 00:24:10,619
30 inch per second half inch tape you

506
00:24:18,169 --> 00:24:15,259
know and and the problem was that the

507
00:24:22,190 --> 00:24:18,179
analog-to-digital converters at that

508
00:24:27,109 --> 00:24:22,200
time weren't very good and since then

509
00:24:30,379 --> 00:24:27,119
well you see the CDs the format of a CD

510
00:24:34,519 --> 00:24:30,389
is a 16-bit word length and a sampling

511
00:24:36,169 --> 00:24:34,529
rate of 44,000 kilohertz now what that

512
00:24:38,749 --> 00:24:36,179
just simply means is that there's a

513
00:24:40,909 --> 00:24:38,759

particular dynamic range to them and

514

00:24:44,269 --> 00:24:40,919

there's a certain frequency response

515

00:24:49,249 --> 00:24:44,279

that it can detect and and it's well

516

00:24:51,799 --> 00:24:49,259

within the range of human hearing but

517

00:24:56,269 --> 00:24:51,809

since the days when CDs first came out

518

00:24:58,339 --> 00:24:56,279

the technology has has has advanced to

519

00:25:01,729 --> 00:24:58,349

the point where today when people are

520

00:25:04,909 --> 00:25:01,739

recording stuff it's done in 24-bit

521

00:25:08,239 --> 00:25:04,919

which has a much wider dynamic range so

522

00:25:12,289 --> 00:25:08,249

the signal is is cleaner it's a longer

523

00:25:15,019 --> 00:25:12,299

word length the things are just even the

524

00:25:18,320 --> 00:25:15,029

the sampling rates have gone up even

525

00:25:19,879 --> 00:25:18,330

though it's beyond human hearing the

526

00:25:24,159 --> 00:25:19,889

things have progressed to the point

527

00:25:28,129 --> 00:25:24,169

where uh it really sounds much better

528

00:25:32,829 --> 00:25:28,139

than when CDs were first introduced i

529

00:25:38,180 --> 00:25:32,839

would say in my opinion a well recorded

530

00:25:42,859 --> 00:25:38,190

you know program will sound will sound

531

00:25:47,719 --> 00:25:42,869

absolutely wonderful as compared with an

532

00:25:49,549 --> 00:25:47,729

LP record or half inch tape is it better

533

00:25:54,009 --> 00:25:49,559

I don't you know to me it's sort of

534

00:25:57,440 --> 00:25:54,019

different I I have not heard the new

535

00:25:59,030 --> 00:25:57,450

sacd the super audio CD format it's a

536

00:26:03,950 --> 00:25:59,040

it's a completely different

537

00:26:06,080 --> 00:26:03,960

format then the then the what they call

538

00:26:08,240 --> 00:26:06,090

the PCM pulse code modulation format

539

00:26:11,030 --> 00:26:08,250

which has been used thus far in the

540

00:26:15,070 --> 00:26:11,040

digital world they use direct stream

541

00:26:18,860 --> 00:26:15,080

digital the Sony format for sacd it's

542

00:26:22,190 --> 00:26:18,870

DSD supposedly people claim that it's

543

00:26:26,810 --> 00:26:22,200

the first format to really sound as good

544

00:26:29,030 --> 00:26:26,820

as analog tape and vinyl I personally

545

00:26:30,800 --> 00:26:29,040

haven't heard it compared with anything

546

00:26:33,590 --> 00:26:30,810

else when when you don't have a

547

00:26:37,970 --> 00:26:33,600

reference point I don't know you know

548

00:26:40,730 --> 00:26:37,980

like I said even even a great Sam you

549

00:26:44,120 --> 00:26:40,740

know mp3 sounds pretty good to the

550

00:26:46,100 --> 00:26:44,130

average person but I think the key is to

551
00:26:47,540 --> 00:26:46,110
be able to compare one to the other and

552
00:26:49,910 --> 00:26:47,550
I haven't had a chance to do that yet

553
00:26:55,010 --> 00:26:49,920
but you know all of this is to say that

554
00:26:57,950 --> 00:26:55,020
in my world I I strive to get the best

555
00:27:01,310 --> 00:26:57,960
possible sound and and I go through

556
00:27:03,230 --> 00:27:01,320
great pains to to to try and accomplish

557
00:27:09,800 --> 00:27:03,240
that and what happens in the end people

558
00:27:12,380 --> 00:27:09,810
rip it to mp3 know so and and it you

559
00:27:15,770 --> 00:27:12,390
know what but I think it's great that a

560
00:27:18,050 --> 00:27:15,780
person can rip a CD and put it on their

561
00:27:20,840 --> 00:27:18,060
ipod I mean I think that's great for the

562
00:27:24,590 --> 00:27:20,850
music industry in general as far as

563
00:27:26,150 --> 00:27:24,600

fidelity well it's unfortunate but you

564

00:27:29,150 --> 00:27:26,160

know what I that doesn't mean that I'm

565

00:27:33,410 --> 00:27:29,160

going to give up and and not do the best

566

00:27:36,380 --> 00:27:33,420

that I can do because this is my craft I

567

00:27:38,210 --> 00:27:36,390

take pride in it so you know as well as

568

00:27:40,430 --> 00:27:38,220

you know thousands of other people

569

00:27:42,440 --> 00:27:40,440

around the world they do the same thing

570

00:27:45,110 --> 00:27:42,450

and they they strive to make it the best

571

00:27:46,820 --> 00:27:45,120

that they can be and I'll continue to do

572

00:27:48,950 --> 00:27:46,830

that and if people wish to hear more

573

00:27:52,070 --> 00:27:48,960

about audio technology in your your

574

00:27:54,470 --> 00:27:52,080

efforts to continue to my quest for

575

00:27:57,320 --> 00:27:54,480

perfect audio we can hear it on your

576

00:28:01,150 --> 00:27:57,330

podcast can't we the website is sessions

577

00:28:04,790 --> 00:28:01,160

with slough calm and that's SLA you and

578

00:28:06,830 --> 00:28:04,800

yeah it's a I I try to keep it sort of

579

00:28:08,900 --> 00:28:06,840

general sometimes and I know that I

580

00:28:10,970 --> 00:28:08,910

sometimes get quite geeky but you know

581

00:28:12,159 --> 00:28:10,980

if it gets too geeky for anyone that can

582

00:28:14,259 --> 00:28:12,169

always just delete

583

00:28:15,849 --> 00:28:14,269

that's the beauty of podcasting isn't it

584

00:28:18,580 --> 00:28:15,859

yeah and all they can write in and say

585

00:28:20,259 --> 00:28:18,590

what exactly did you mean here or yes

586

00:28:23,109 --> 00:28:20,269

absolutely could always drop me a line

587

00:28:25,149 --> 00:28:23,119

at UH sessions with slough @ gmail.com

588

00:28:27,669 --> 00:28:25,159

that's an easy one to remember I suppose

589

00:28:30,820 --> 00:28:27,679

and I'm was happy to answer questions

590

00:28:33,519 --> 00:28:30,830

and yet in any way that I can I I I

591

00:28:36,430 --> 00:28:33,529

enjoyed I take a lot of pleasure in that

592

00:28:39,759 --> 00:28:36,440

in just no just answering questions and

593

00:28:42,279 --> 00:28:39,769

giving my my experience my perspective

594

00:28:45,519 --> 00:28:42,289

and I'm not afraid to say I don't know

595

00:28:47,889 --> 00:28:45,529

because sometimes always learning yeah

596

00:28:49,060 --> 00:28:47,899

yeah absolutely absolutely brilliant

597

00:28:51,190 --> 00:28:49,070

thank you so much for this opportunity

598

00:28:55,269 --> 00:28:51,200

to talk to you thank you so much Kylie's

599

00:28:57,909 --> 00:28:55,279

been an absolute pleasure the song used

600

00:29:01,779 --> 00:28:57,919

in this segment is I'm the one from the

601
00:29:04,359 --> 00:29:01,789
album the weight of words in addition to

602
00:29:06,190 --> 00:29:04,369
his podcast sessions with slam you'll be

603
00:29:08,950 --> 00:29:06,200
appearing on podcasting panels at

604
00:29:12,479 --> 00:29:08,960
dragoncon in atlanta next month you can

605
00:29:18,999 --> 00:29:12,489
check out the podcasting track at ww

606
00:29:20,859 --> 00:29:19,009
dragon hyphen pod calm and now a message

607
00:29:25,290 --> 00:29:20,869
from the inside of Richard Saunders

608
00:29:30,670 --> 00:29:28,030
thank you to everybody who came up to

609
00:29:32,320 --> 00:29:30,680
see me at the amazing meeting and thank

610
00:29:34,830 --> 00:29:32,330
you for those who bought my origami

611
00:29:41,230 --> 00:29:34,840
earrings I've set up a little store at

612
00:29:45,780 --> 00:29:41,240
skeptic zone dot ETS y dot com it all

613
00:29:55,180 --> 00:29:48,820

you're listening to the skeptic zone I'm

614

00:29:58,030 --> 00:29:55,190

Brian Dunning from sceptile.com join us

615

00:30:04,790 --> 00:29:58,040

now for drinking skeptically in the

616

00:30:09,020 --> 00:30:06,980

hello listeners and welcome to the think

617

00:30:11,570 --> 00:30:09,030

tank once again we're at our favorite

618

00:30:14,030 --> 00:30:11,580

Club and before we start our little

619

00:30:16,970 --> 00:30:14,040

chitchat today about things that we've

620

00:30:18,710 --> 00:30:16,980

heard in the last week we want to say

621

00:30:20,960 --> 00:30:18,720

cheers to the health of a listener by

622

00:30:23,990 --> 00:30:20,970

the name of Stephen Montgomery from Utah

623

00:30:26,090 --> 00:30:24,000

who sent us some money for drinks she so

624

00:30:29,270 --> 00:30:26,100

cheers to your health care thank you

625

00:30:32,090 --> 00:30:29,280

cheers and I'd like to welcome our

626

00:30:34,640 --> 00:30:32,100

special guest today we have Joanne venom

627

00:30:40,040 --> 00:30:34,650

ooh hi Joan hi Rachel how are you today

628

00:30:43,520 --> 00:30:40,050

I'm a little bit some whoreson I'm

629

00:30:45,350 --> 00:30:43,530

soldiering on you've had a few colds and

630

00:30:48,110 --> 00:30:45,360

flus recently haven't you have I have a

631

00:30:51,320 --> 00:30:48,120

despite all this time continue with my

632

00:30:53,570 --> 00:30:51,330

medical treatments oh that's I just buy

633

00:30:55,100 --> 00:30:53,580

mine doc by your doctor good Joe good to

634

00:30:56,540 --> 00:30:55,110

see well thanks for coming all the way

635

00:30:58,850 --> 00:30:56,550

from the other side of the bridge to be

636

00:31:00,830 --> 00:30:58,860

with us tonight and I'd also like to say

637

00:31:03,410 --> 00:31:00,840

hello to Diane bestop and hello Diane

638

00:31:06,500 --> 00:31:03,420

how are you Rachel good how are you busy

639

00:31:09,530 --> 00:31:06,510

busy busy with work busy with work

640

00:31:12,200 --> 00:31:09,540

flying and lots of places lots of stuff

641

00:31:13,910 --> 00:31:12,210

to do at the moment we've all got stuff

642

00:31:16,880 --> 00:31:13,920

on at the moment I think heaven wears in

643

00:31:20,120 --> 00:31:16,890

a very busy couple of months for most of

644

00:31:21,670 --> 00:31:20,130

us we've obviously had the vaccination

645

00:31:24,140 --> 00:31:21,680

campaign that we've been dealing with

646

00:31:26,090 --> 00:31:24,150

Australian skeptics and Smith it's been

647

00:31:27,530 --> 00:31:26,100

dealing with some media fallout as a

648

00:31:30,830 --> 00:31:27,540

result of that will not so much fallout

649

00:31:32,750 --> 00:31:30,840

but interest rather and there will be a

650

00:31:34,970 --> 00:31:32,760

couple of new stories coming up in the

651
00:31:37,400 --> 00:31:34,980
next few days in fact on Australian

652
00:31:39,110 --> 00:31:37,410
television so as soon as they go to air

653
00:31:41,690 --> 00:31:39,120
we'll stick them up on youtube so our

654
00:31:43,280 --> 00:31:41,700
international listeners can see what's

655
00:31:45,380 --> 00:31:43,290
continuing to be investigated by the

656
00:31:48,470 --> 00:31:45,390
Australian media which is a good thing

657
00:31:50,510 --> 00:31:48,480
to see responsible scientific journalism

658
00:31:52,370 --> 00:31:50,520
is not something we see that much in

659
00:31:54,050 --> 00:31:52,380
this country or across the world before

660
00:31:56,270 --> 00:31:54,060
that matter any particular channels or

661
00:31:58,820 --> 00:31:56,280
any particular programs yes there will

662
00:32:00,800 --> 00:31:58,830
be a report on the Australian

663
00:32:03,290 --> 00:32:00,810

broadcasting corporation in the next few

664

00:32:05,750 --> 00:32:03,300

days possibly next week so i can't say

665

00:32:08,690 --> 00:32:05,760

too much but um that will be coming up

666

00:32:11,030 --> 00:32:08,700

so keep an eye out for that and of

667

00:32:13,310 --> 00:32:11,040

course there was some a new story in The

668

00:32:17,260 --> 00:32:13,320

Sydney Morning Herald that appeared on

669

00:32:19,039 --> 00:32:17,270

saturday morning in Sydney which was

670

00:32:22,279 --> 00:32:19,049

talking about

671

00:32:25,759 --> 00:32:22,289

complaint that was issued by Ken MacLeod

672

00:32:30,320 --> 00:32:25,769

who is a friend of ours and also a

673

00:32:31,970 --> 00:32:30,330

response from merrill dory and our

674

00:32:34,220 --> 00:32:31,980

president Iran's to give did an

675

00:32:36,229 --> 00:32:34,230

interview for a local radio station in

676
00:32:37,729 --> 00:32:36,239
fact a couple of days ago where Meryl

677
00:32:40,729 --> 00:32:37,739
was interviewed and then Iran was

678
00:32:42,499 --> 00:32:40,739
interviewed and they did a bit of a hack

679
00:32:44,720 --> 00:32:42,509
job on that interview Joe did you hear

680
00:32:48,560 --> 00:32:44,730
that I did hear it it was I thought it

681
00:32:51,349 --> 00:32:48,570
was actually quite badly um didn't

682
00:32:53,359 --> 00:32:51,359
translate very well yeah well it wasn't

683
00:32:56,389 --> 00:32:53,369
very we had the we were lucky to be able

684
00:32:57,859 --> 00:32:56,399
to hear Iran's recording which he made

685
00:33:00,019 --> 00:32:57,869
when he was being interviewed and then

686
00:33:02,180 --> 00:33:00,029
we heard what happened when the editor

687
00:33:04,849 --> 00:33:02,190
or the journalist one edited it all

688
00:33:07,009 --> 00:33:04,859

together and yeah most of the important

689

00:33:08,720 --> 00:33:07,019

points that he made were actually didn't

690

00:33:10,639 --> 00:33:08,730

seem to appear on the final edit did

691

00:33:13,220 --> 00:33:10,649

there it was it was very strangely

692

00:33:15,919 --> 00:33:13,230

attitude of Nam didn't really translate

693

00:33:17,539 --> 00:33:15,929

very well into I think just to let our

694

00:33:19,519 --> 00:33:17,549

international and interstate listeners

695

00:33:22,369 --> 00:33:19,529

know two are they the radio station is

696

00:33:24,799 --> 00:33:22,379

to ser and it's an independent sort of

697

00:33:29,389 --> 00:33:24,809

local radio station funded by donations

698

00:33:31,700 --> 00:33:29,399

and so uni students and yeah it's

699

00:33:33,440 --> 00:33:31,710

volunteers in fact one of our friends

700

00:33:35,269 --> 00:33:33,450

Ian wolf does a very good show called

701
00:33:38,180 --> 00:33:35,279
diffusion radio which is a science based

702
00:33:39,560 --> 00:33:38,190
program but you don't always know what

703
00:33:42,080 --> 00:33:39,570
you're going to get with those kind of

704
00:33:43,419 --> 00:33:42,090
places so I'm yeah anyway that it would

705
00:33:45,560 --> 00:33:43,429
be interesting for people to hear that

706
00:33:48,889 --> 00:33:45,570
all right let's kick off with some news

707
00:33:50,570 --> 00:33:48,899
item shall we now Joe you and I heard

708
00:33:53,090 --> 00:33:50,580
about something today which is to do

709
00:33:55,239 --> 00:33:53,100
with weight loss products in Australia

710
00:33:58,129 --> 00:33:55,249
didn't we yeah no I haven't actually

711
00:33:59,539 --> 00:33:58,139
read any of the newspaper articles that

712
00:34:01,099 --> 00:33:59,549
have been reporting on this but I did

713
00:34:03,049 --> 00:34:01,109

see one of the news reports tonight and

714

00:34:05,659 --> 00:34:03,059

it seems like the the weight loss

715

00:34:07,970 --> 00:34:05,669

industry has decided to finally crack

716

00:34:11,829 --> 00:34:07,980

down on some of these shonky products

717

00:34:15,289 --> 00:34:11,839

that are um promoted within the industry

718

00:34:18,619 --> 00:34:15,299

mmm the large number of chunky products

719

00:34:19,849 --> 00:34:18,629

of rights in the industry so I'm not

720

00:34:22,399 --> 00:34:19,859

quite sure where they're intending on

721

00:34:25,010 --> 00:34:22,409

going with it but it seems to have

722

00:34:26,569 --> 00:34:25,020

finally come to their attention that a

723

00:34:28,639 --> 00:34:26,579

lot of the things that have been

724

00:34:30,659 --> 00:34:28,649

promoted is particularly their time at

725

00:34:32,220 --> 00:34:30,669

fad diets and

726
00:34:34,020 --> 00:34:32,230
done things like that which you know I

727
00:34:35,280 --> 00:34:34,030
don't think it's particularly news to a

728
00:34:38,069 --> 00:34:35,290
lot of people that these things don't

729
00:34:39,629 --> 00:34:38,079
really work but they seem to have so

730
00:34:42,000 --> 00:34:39,639
they decided that they need to crack

731
00:34:44,700 --> 00:34:42,010
down on things well this was actually a

732
00:34:46,319 --> 00:34:44,710
federal government task force which is

733
00:34:49,169 --> 00:34:46,329
called the preventative health task

734
00:34:51,299 --> 00:34:49,179
force and they've called for the weight

735
00:34:53,690 --> 00:34:51,309
loss industry to be regulated in a

736
00:34:57,000 --> 00:34:53,700
report that's going to be handed down

737
00:34:58,140 --> 00:34:57,010
what was handed down last month and the

738
00:34:59,700 --> 00:34:58,150

reason that they're doing this is

739

00:35:02,099 --> 00:34:59,710

because they've of course there's an

740

00:35:03,750 --> 00:35:02,109

obesity epidemic in this country like

741

00:35:05,970 --> 00:35:03,760

there is in many other parts of the

742

00:35:08,520 --> 00:35:05,980

Western world and they see this as a

743

00:35:11,280 --> 00:35:08,530

contributing factor in the sense that

744

00:35:12,960 --> 00:35:11,290

people go on these fad diets that might

745

00:35:14,700 --> 00:35:12,970

last for a few months and they lose

746

00:35:17,609 --> 00:35:14,710

weight because they're not eating

747

00:35:20,220 --> 00:35:17,619

essentially and then once they go off

748

00:35:21,690 --> 00:35:20,230

the diet more often than not statistics

749

00:35:25,380 --> 00:35:21,700

show that they put on the weight they

750

00:35:27,750 --> 00:35:25,390

lost and sometimes even more yeah and so

751

00:35:29,849 --> 00:35:27,760

this is just contributing to the obesity

752

00:35:32,299 --> 00:35:29,859

crisis and which also which then

753

00:35:34,410 --> 00:35:32,309

reflects on the health care budget etc

754

00:35:37,140 --> 00:35:34,420

so the government's decided they're

755

00:35:38,579 --> 00:35:37,150

getting crackdown on these things but a

756

00:35:43,470 --> 00:35:38,589

lot of these products are sold in

757

00:35:46,440 --> 00:35:43,480

pharmacies yes and if not only are they

758

00:35:48,780 --> 00:35:46,450

sold in pharmacies a lot of pharmacies

759

00:35:53,180 --> 00:35:48,790

have gotten onto the bandwagon of you

760

00:35:55,890 --> 00:35:53,190

know making their own products and

761

00:35:59,549 --> 00:35:55,900

promoting them as that particular

762

00:36:01,410 --> 00:35:59,559

pharmacies product and once again it

763

00:36:03,750 --> 00:36:01,420

sort of draws one back to the issue of

764

00:36:06,780 --> 00:36:03,760

where pharmacies lie in their

765

00:36:09,780 --> 00:36:06,790

responsibility for using evidence-based

766

00:36:12,299 --> 00:36:09,790

treatments and interventions and

767

00:36:13,650 --> 00:36:12,309

products and so on so well I think I may

768

00:36:16,549 --> 00:36:13,660

have mentioned this on the think tank

769

00:36:20,039 --> 00:36:16,559

before but there's a consumer watchdog

770

00:36:23,849 --> 00:36:20,049

body in Australia called choice and they

771

00:36:27,569 --> 00:36:23,859

tend to examine consumer products for

772

00:36:29,280 --> 00:36:27,579

efficacy and for they do a whole oh yeah

773

00:36:31,380 --> 00:36:29,290

and quality so they do a whole gamut of

774

00:36:34,559 --> 00:36:31,390

things from washing machines and you

775

00:36:37,380 --> 00:36:34,569

know toasters to things like diets that

776

00:36:39,960 --> 00:36:37,390

you can buy in pharmacies and they did a

777

00:36:41,700 --> 00:36:39,970

study late last year showing that most

778

00:36:44,400 --> 00:36:41,710

of these things that you buy in a in a

779

00:36:46,740 --> 00:36:44,410

pharmacy don't do any have any long

780

00:36:48,900 --> 00:36:46,750

home benefits and I think they cited

781

00:36:51,690 --> 00:36:48,910

they may have and if they didn't they

782

00:36:56,880 --> 00:36:51,700

should have the lemon detox diet which

783

00:36:59,670 --> 00:36:56,890

of course is useless like my supposed to

784

00:37:01,260 --> 00:36:59,680

work detox diets generally well in fact

785

00:37:06,330 --> 00:37:01,270

there was a blog written about this on

786

00:37:08,280 --> 00:37:06,340

the punch yesterday um it's it's a

787

00:37:10,110 --> 00:37:08,290

special kind of powder that has some

788

00:37:11,970 --> 00:37:10,120

sort of peppery stuffing it's sort of

789

00:37:15,210 --> 00:37:11,980

like capsicum powder or paprika powder

790

00:37:16,710 --> 00:37:15,220

and then a lemons sort of stash a and

791

00:37:19,070 --> 00:37:16,720

you just make up this drink so you're

792

00:37:22,410 --> 00:37:19,080

basically drinking peppery lemony water

793

00:37:24,390 --> 00:37:22,420

so you lose weight because you're not

794

00:37:27,140 --> 00:37:24,400

eating any calories well that's right

795

00:37:29,250 --> 00:37:27,150

yeah but it's also supposed to be detox

796

00:37:32,640 --> 00:37:29,260

and of course listeners would know that

797

00:37:35,040 --> 00:37:32,650

I hope so by now that detox diets have

798

00:37:37,080 --> 00:37:35,050

no basis in medicine or science it's

799

00:37:39,420 --> 00:37:37,090

just a fad and you know it's all made up

800

00:37:41,040 --> 00:37:39,430

so but the lemon detox diet is

801
00:37:42,810 --> 00:37:41,050
particularly well known and in fact

802
00:37:45,780 --> 00:37:42,820
there's a shop just down the road from

803
00:37:47,130 --> 00:37:45,790
my work that I walk past every day it's

804
00:37:48,450 --> 00:37:47,140
a health food shop and their front

805
00:37:52,560 --> 00:37:48,460
window at the moment is this beautiful

806
00:37:54,270 --> 00:37:52,570
window display of lemons and nice the

807
00:37:56,010 --> 00:37:54,280
packaging is really attractive in fact

808
00:37:57,960 --> 00:37:56,020
it's this nice white box with this lady

809
00:38:00,480 --> 00:37:57,970
sort of jumping in the air like oh I've

810
00:38:02,180 --> 00:38:00,490
detox I'm feeling so much better and

811
00:38:05,700 --> 00:38:02,190
there's a pile of lemons in the window

812
00:38:07,800 --> 00:38:05,710
but yet choice showed through their

813
00:38:09,690 --> 00:38:07,810

studies that these things don't have any

814

00:38:13,920 --> 00:38:09,700

benefit but one of the things they did

815

00:38:15,150 --> 00:38:13,930

point out in their report was the diets

816

00:38:17,850 --> 00:38:15,160

that you just mentioned that some

817

00:38:20,940 --> 00:38:17,860

pharmacies set up they have these

818

00:38:22,370 --> 00:38:20,950

consultants in there in the pharmacy or

819

00:38:25,500 --> 00:38:22,380

you can go and see and they apparently

820

00:38:27,390 --> 00:38:25,510

designer diets this especially for you

821

00:38:31,560 --> 00:38:27,400

tailored to your weight and your blood

822

00:38:33,750 --> 00:38:31,570

type and that's an atrocious I don't

823

00:38:35,610 --> 00:38:33,760

know if they are I'm in some cases

824

00:38:38,340 --> 00:38:35,620

they're just pharmacy employees who've

825

00:38:39,570 --> 00:38:38,350

done a three hour training course some

826

00:38:41,460 --> 00:38:39,580

have done a little bit more training

827

00:38:45,630 --> 00:38:41,470

than that some of them are homie up

828

00:38:48,390 --> 00:38:45,640

homeopaths not the ones linked to the

829

00:38:50,910 --> 00:38:48,400

pharmacy diet specifically but there are

830

00:38:55,050 --> 00:38:50,920

some that are called nutritionists or

831

00:38:56,239 --> 00:38:55,060

homeopaths who I'm just sell some sort

832

00:38:58,680 --> 00:38:56,249

of definitely not died

833

00:39:00,329 --> 00:38:58,690

not as far as I'm aware there may be

834

00:39:03,839 --> 00:39:00,339

some dietitians but generally though

835

00:39:06,749 --> 00:39:03,849

generally no that's not the the common

836

00:39:07,859 --> 00:39:06,759

person to do this sort of stuff so that

837

00:39:09,539 --> 00:39:07,869

was one of the things that choice was

838

00:39:11,279 --> 00:39:09,549

complaining about was that these people

839

00:39:14,940 --> 00:39:11,289

have had three hours of training in some

840

00:39:19,199 --> 00:39:14,950

cases as little as and so they're not

841

00:39:21,390 --> 00:39:19,209

qualified to be giving advice about diet

842

00:39:22,529 --> 00:39:21,400

and nutrition and I guess that actually

843

00:39:23,849 --> 00:39:22,539

it's interesting because it raises a

844

00:39:28,099 --> 00:39:23,859

point that we were talking about earlier

845

00:39:30,660 --> 00:39:28,109

where someone had asked me yesterday

846

00:39:35,519 --> 00:39:30,670

watch you know whether the term

847

00:39:36,989 --> 00:39:35,529

nutritionist is a it can be applied to

848

00:39:39,809 --> 00:39:36,999

anyone with anyone can call themselves a

849

00:39:43,799 --> 00:39:39,819

nutritionist and I had a look at the the

850

00:39:45,449 --> 00:39:43,809

website of the one of the nutritionists

851
00:39:47,549 --> 00:39:45,459
bodies I don't remember the exact name

852
00:39:49,380 --> 00:39:47,559
in Australia and and they they

853
00:39:51,120 --> 00:39:49,390
recognized that indeed the term

854
00:39:52,380 --> 00:39:51,130
nutritionist has never been regulated

855
00:39:54,029 --> 00:39:52,390
anyone can call themselves a

856
00:39:55,620 --> 00:39:54,039
nutritionist yeah and so they've

857
00:39:57,539 --> 00:39:55,630
recognized that there is a real problem

858
00:39:59,400 --> 00:39:57,549
with people out there calling themselves

859
00:40:01,109 --> 00:39:59,410
nutritionists who are not qualified to

860
00:40:04,049 --> 00:40:01,119
be giving people advice about nutrition

861
00:40:06,209 --> 00:40:04,059
saying God knows why and that there is a

862
00:40:09,420 --> 00:40:06,219
real need to crack down on on that as

863
00:40:11,549 --> 00:40:09,430

well as a dietitian no I think that node

864

00:40:13,469 --> 00:40:11,559

dietitians difficult I think they are

865

00:40:16,259 --> 00:40:13,479

registered fat yeah they are registered

866

00:40:18,509 --> 00:40:16,269

they have a body okay name is

867

00:40:19,709 --> 00:40:18,519

physiotherapist and dentists hmm and I

868

00:40:21,799 --> 00:40:19,719

think the thing is that in the

869

00:40:26,539 --> 00:40:21,809

application a dietitian is someone who

870

00:40:28,559 --> 00:40:26,549

has a clinical roll a nutritionist has a

871

00:40:30,930 --> 00:40:28,569

different role that they'd be seen more

872

00:40:32,910 --> 00:40:30,940

in industry and so on as a dietitian you

873

00:40:36,420 --> 00:40:32,920

would see more for example in a hospital

874

00:40:38,519 --> 00:40:36,430

making clinical decisions about did the

875

00:40:40,079 --> 00:40:38,529

body of or the regulatory body for the

876

00:40:42,509 --> 00:40:40,089

dietitians did they make any comment on

877

00:40:44,999 --> 00:40:42,519

this because they would be oh yes oh no

878

00:40:46,859 --> 00:40:45,009

they back it you mean this decision by

879

00:40:48,180 --> 00:40:46,869

the government to regulate this no

880

00:40:50,309 --> 00:40:48,190

effect in front of me I've got an

881

00:40:52,469 --> 00:40:50,319

article from newscom day you and I quote

882

00:40:56,130 --> 00:40:52,479

the dieticians Association of Australia

883

00:40:57,390 --> 00:40:56,140

is backing the recommendation and that's

884

00:40:59,459 --> 00:40:57,400

I mean it's a good thing for them

885

00:41:02,150 --> 00:40:59,469

because it protects their members and

886

00:41:04,949 --> 00:41:02,160

make sure that you know their their

887

00:41:06,359 --> 00:41:04,959

training is it's going to apply instead

888

00:41:07,529 --> 00:41:06,369

of someone who's hanging up a little

889

00:41:09,420 --> 00:41:07,539

thing on their door saying I'm a

890

00:41:10,070 --> 00:41:09,430

nutritionist I can give you advice you

891

00:41:16,710 --> 00:41:10,080

know

892

00:41:18,600 --> 00:41:16,720

so according to one expert here the only

893

00:41:24,510 --> 00:41:18,610

way to lose weight is to stop eating so

894

00:41:30,620 --> 00:41:24,520

much and do more exercise guys sorry

895

00:41:34,980 --> 00:41:30,630

about that yeah it is apparently so

896

00:41:36,180 --> 00:41:34,990

sorry no no quick fix with my diets so

897

00:41:39,920 --> 00:41:36,190

if you got something else to talk about

898

00:41:43,320 --> 00:41:39,930

their Joe I back on the homeopathy

899

00:41:44,730 --> 00:41:43,330

bandwagon again buddy aunty homeopathy

900

00:41:54,140 --> 00:41:44,740

Pendragon actually starting your

901
00:41:56,960 --> 00:41:54,150
Hanuman's not with us tonight oh yeah

902
00:42:07,940 --> 00:41:56,970
Gina you're drinking waters iron soda

903
00:42:13,800 --> 00:42:11,940
you've just shaken so the UM the the

904
00:42:18,300 --> 00:42:13,810
reason I've been interested in home your

905
00:42:20,180 --> 00:42:18,310
feet this week is where yet is I've been

906
00:42:23,880 --> 00:42:20,190
coming across a lot of things about

907
00:42:27,780 --> 00:42:23,890
homeopathy in India and the reason that

908
00:42:30,300 --> 00:42:27,790
interested me is because I know that in

909
00:42:32,310 --> 00:42:30,310
India and I don't know about what other

910
00:42:33,990 --> 00:42:32,320
countries but I know they didn't know a

911
00:42:36,810 --> 00:42:34,000
lot of countries in Europe homeopathy is

912
00:42:41,040 --> 00:42:36,820
very much accepted as part of mainstream

913
00:42:43,320 --> 00:42:41,050

medicine and when you read news reports

914

00:42:47,190 --> 00:42:43,330

from India about medicine you hear

915

00:42:49,980 --> 00:42:47,200

homeopaths referred to as part of the

916

00:42:52,170 --> 00:42:49,990

mainstream medical body and it's quite a

917

00:42:54,210 --> 00:42:52,180

strange experience to read these

918

00:42:56,490 --> 00:42:54,220

articles and the reason it's been

919

00:42:58,920 --> 00:42:56,500

particularly in the the manor a lot in

920

00:43:02,460 --> 00:42:58,930

the last few weeks is because of swine

921

00:43:07,050 --> 00:43:02,470

flu hmm and the UM the Indian government

922

00:43:09,260 --> 00:43:07,060

is um you know well specifically the

923

00:43:13,500 --> 00:43:09,270

particular I shall I looked at was some

924

00:43:15,540 --> 00:43:13,510

about in an area of India I can't

925

00:43:17,490 --> 00:43:15,550

remember exactly where it was but the

926
00:43:21,100 --> 00:43:17,500
government was funding research into a

927
00:43:24,160 --> 00:43:21,110
homeopathic treatment for the h1n1

928
00:43:27,730 --> 00:43:24,170
a virus and i just found this such a

929
00:43:31,150 --> 00:43:27,740
bizarre thing to read that this is not

930
00:43:33,340 --> 00:43:31,160
just that some random homeopathic

931
00:43:36,250 --> 00:43:33,350
organization is doing this isn't this is

932
00:43:39,820 --> 00:43:36,260
a government-funded local government or

933
00:43:41,890 --> 00:43:39,830
is it federal ah it's a sort of i think

934
00:43:43,690 --> 00:43:41,900
it was sort of almost equivalent of

935
00:43:46,210 --> 00:43:43,700
state I don't I can't remember exactly

936
00:43:48,250 --> 00:43:46,220
where which area of India that was a

937
00:43:51,370 --> 00:43:48,260
province of some yeah bring your

938
00:43:52,810 --> 00:43:51,380

government yeah that's right and in fact

939

00:43:54,820 --> 00:43:52,820

actually I can tell you exactly because

940

00:43:57,220 --> 00:43:54,830

i thought the article yeah listen this

941

00:44:02,380 --> 00:43:57,230

is quite i'm relevant to in for the case

942

00:44:05,740 --> 00:44:02,390

here of the baby girl Sam yeah its own

943

00:44:09,250 --> 00:44:05,750

family case yeah because some Alice's

944

00:44:12,160 --> 00:44:09,260

who don't remember Gloria Sam was nine

945

00:44:15,010 --> 00:44:12,170

months old when she died of malnutrition

946

00:44:17,890 --> 00:44:15,020

and infections because she had severe

947

00:44:20,440 --> 00:44:17,900

eczema and her parents had treated her

948

00:44:22,270 --> 00:44:20,450

with homeopathy despite the fact that

949

00:44:24,640 --> 00:44:22,280

her father was a registered homeopath

950

00:44:28,110 --> 00:44:24,650

but also a registered medical doctor

951
00:44:31,510 --> 00:44:28,120
yeah then that trial has been going on

952
00:44:34,180 --> 00:44:31,520
they were charged with manslaughter and

953
00:44:35,770 --> 00:44:34,190
recently there was another finding in

954
00:44:38,560 --> 00:44:35,780
that care but actually they think they

955
00:44:41,680 --> 00:44:38,570
were talking about the sentencing in the

956
00:44:45,670 --> 00:44:41,690
last couple of weeks and I think that

957
00:44:52,210 --> 00:44:45,680
his his barrister had done had said

958
00:44:55,660 --> 00:44:52,220
recently that that the father's name but

959
00:44:57,700 --> 00:44:55,670
the Thomas Thomas firm that he had

960
00:44:58,800 --> 00:44:57,710
demonstrated that he had learned from

961
00:45:02,170 --> 00:44:58,810
what had happened to his daughter

962
00:45:04,510 --> 00:45:02,180
because his other child who is I think

963
00:45:07,420 --> 00:45:04,520

now three years old according to the

964

00:45:11,050 --> 00:45:07,430

barrister developed similar illnesses

965

00:45:12,610 --> 00:45:11,060

and that initially I think initially I

966

00:45:14,830 --> 00:45:12,620

think it had been treated to homeopathic

967

00:45:17,170 --> 00:45:14,840

Lee but that now it was being treated

968

00:45:20,710 --> 00:45:17,180

with conventional medicine along with

969

00:45:25,210 --> 00:45:20,720

homeopathy and other treatments and I i

970

00:45:27,520 --> 00:45:25,220

just had to sort of walk away from I

971

00:45:29,140 --> 00:45:27,530

remember reading that too and and the

972

00:45:30,880 --> 00:45:29,150

barrister was clutching at straws that

973

00:45:33,190 --> 00:45:30,890

was so small that you can hardly even

974

00:45:35,020 --> 00:45:33,200

imagine they existed i remember one of

975

00:45:37,810 --> 00:45:35,030

his statements was to do with the fact

976

00:45:39,970 --> 00:45:37,820

he said Thomas Sam made a mistake

977

00:45:42,520 --> 00:45:39,980

because of his faith and respect for

978

00:45:45,610 --> 00:45:42,530

homeopathy but he was a qualified doctor

979

00:45:47,680 --> 00:45:45,620

a qualified medical doctor so they are

980

00:45:51,700 --> 00:45:47,690

scampering in the dirt to find something

981

00:45:55,900 --> 00:45:51,710

here absolutely yeah anyway I digress oh

982

00:45:57,910 --> 00:45:55,910

no no never all but yeah it's just it's

983

00:46:00,790 --> 00:45:57,920

quite fascinating we're sort of how this

984

00:46:04,180 --> 00:46:00,800

is being being played out in India the

985

00:46:07,420 --> 00:46:04,190

so the young the particular it was the

986

00:46:09,820 --> 00:46:07,430

Maharashtra government in an area called

987

00:46:14,320 --> 00:46:09,830

Pinal poon I'm not sure how to pronounce

988

00:46:16,930 --> 00:46:14,330

back time so they were looking at they

989

00:46:18,730 --> 00:46:16,940

wanting to be the first to find an

990

00:46:22,780 --> 00:46:18,740

effective alternative medical treatment

991

00:46:25,420 --> 00:46:22,790

for the h1n1 virus hmm and they and

992

00:46:28,120 --> 00:46:25,430

what's really interesting is I've seen

993

00:46:30,250 --> 00:46:28,130

these particular substances mentioned in

994

00:46:32,410 --> 00:46:30,260

a couple of articles but there are few

995

00:46:34,660 --> 00:46:32,420

articles where they talk about finding a

996

00:46:36,790 --> 00:46:34,670

treatment for h1n one who are using

997

00:46:40,240 --> 00:46:36,800

homeopathic treatments and they all

998

00:46:42,400 --> 00:46:40,250

refer to different substances as having

999

00:46:44,260 --> 00:46:42,410

you know being ones that will you know

1000

00:46:46,120 --> 00:46:44,270

will save the day will be the correct

1001

00:46:48,310 --> 00:46:46,130

substance so they talked about two of

1002

00:46:52,480 --> 00:46:48,320

them one was called barren phosphate and

1003

00:46:55,180 --> 00:46:52,490

which which they say increases

1004

00:46:57,850 --> 00:46:55,190

hemoglobin and therefore increases the

1005

00:47:00,130 --> 00:46:57,860

resistance to disease and the other one

1006

00:47:02,440 --> 00:47:00,140

is called Callie muir which strengthens

1007

00:47:04,780 --> 00:47:02,450

cells and enhances their ability to

1008

00:47:06,340 --> 00:47:04,790

fight viruses and I wouldn't know how to

1009

00:47:10,240 --> 00:47:06,350

look at you know what each of these

1010

00:47:12,340 --> 00:47:10,250

substances were and there and this was

1011

00:47:17,590 --> 00:47:12,350

all recommended by a senior homeopath

1012

00:47:20,020 --> 00:47:17,600

called dr. oak inverse phosphate or as

1013

00:47:22,180 --> 00:47:20,030

they call fareham theorem phosphate or

1014

00:47:24,400 --> 00:47:22,190

had a very sort of homeopathic sounding

1015

00:47:25,870 --> 00:47:24,410

name is an inorganic compound which is

1016

00:47:27,730 --> 00:47:25,880

used in garden chemicals but it's also

1017

00:47:30,190 --> 00:47:27,740

added to food supplement as a way of

1018

00:47:31,240 --> 00:47:30,200

adding iron to the diet so I mean you

1019

00:47:33,220 --> 00:47:31,250

know they're of course they're

1020

00:47:37,570 --> 00:47:33,230

legitimate so you know mmm substance is

1021

00:47:39,250 --> 00:47:37,580

used in health care and so on the other

1022

00:47:40,710 --> 00:47:39,260

one and this is what I found rather

1023

00:47:43,240 --> 00:47:40,720

interesting this cali mirror is

1024

00:47:46,880 --> 00:47:43,250

potassium chloride

1025

00:47:50,150 --> 00:47:46,890

with what yeah it's also called Callie

1026

00:47:54,829 --> 00:47:50,160

Muir is an interesting homeopathic name

1027

00:47:56,150 --> 00:47:54,839

for potassium chloride and the thing

1028

00:47:57,950 --> 00:47:56,160

about potassium chloride is that it's

1029

00:48:00,440 --> 00:47:57,960

essentially our in our bodies and it's

1030

00:48:03,980 --> 00:48:00,450

used in medical treatments for treating

1031

00:48:05,720 --> 00:48:03,990

low potassium and to replenish

1032

00:48:08,210 --> 00:48:05,730

electrolytes and you have diarrhea and

1033

00:48:09,800 --> 00:48:08,220

so on but in very high doses it can

1034

00:48:11,690 --> 00:48:09,810

actually cause cardiac arrest yeah

1035

00:48:15,560 --> 00:48:11,700

because of the potassium exactly yeah

1036

00:48:19,400 --> 00:48:15,570

and in homeopathic dilutions you see it

1037

00:48:22,370 --> 00:48:19,410

in you know the see six or 630 dilutions

1038

00:48:24,020 --> 00:48:22,380

crazy crazy homeopathic delusions but

1039

00:48:28,819 --> 00:48:24,030

what I've had a really really strange

1040

00:48:34,400 --> 00:48:28,829

was that one of the herbal cold and flu

1041

00:48:37,130 --> 00:48:34,410

tablets contains 35 milligrams of

1042

00:48:39,950 --> 00:48:37,140

potassium chloride and 20 milligrams of

1043

00:48:41,599 --> 00:48:39,960

ferrous phosphate but what I was trying

1044

00:48:47,120 --> 00:48:41,609

to work out lies and and and so

1045

00:48:49,040 --> 00:48:47,130

homeopathic remedies are sold in the you

1046

00:48:51,620 --> 00:48:49,050

find homeopathic remedies sold alongside

1047

00:48:55,160 --> 00:48:51,630

herbal remedies yeah they all they all

1048

00:48:56,630 --> 00:48:55,170

sort of feed off each other so if this

1049

00:48:58,910 --> 00:48:56,640

particular cold and flu tablet is

1050

00:49:01,040 --> 00:48:58,920

claiming that this high dose of

1051

00:49:04,400 --> 00:49:01,050

potassium chloride and this high dose of

1052

00:49:06,500 --> 00:49:04,410

ferrous phosphate is going to be is

1053

00:49:08,270 --> 00:49:06,510

going to be able to be used for cold and

1054

00:49:09,710 --> 00:49:08,280

flu tablets and yet the homeopath are

1055

00:49:12,050 --> 00:49:09,720

saying that they're exceptional

1056

00:49:14,079 --> 00:49:12,060

dilutions of these substances I got

1057

00:49:17,780 --> 00:49:14,089

which they say have the opposite effect

1058

00:49:20,599 --> 00:49:17,790

mmm how does that in any way make any

1059

00:49:21,829 --> 00:49:20,609

sense shouldn't if the ones using it to

1060

00:49:23,420 --> 00:49:21,839

fight cold the flu but the other ones

1061

00:49:24,650 --> 00:49:23,430

using join your path acknowledge like

1062

00:49:27,800 --> 00:49:24,660

this stage you should know that

1063

00:49:32,000 --> 00:49:27,810

homeopathy doesn't make any sense Co

1064

00:49:33,770 --> 00:49:32,010

you're missing the point of it to a

1065

00:49:35,510 --> 00:49:33,780

ticket a bit of an extreme but it was

1066

00:49:38,270 --> 00:49:35,520

just that I just looked at this and I

1067

00:49:40,130 --> 00:49:38,280

thought this this is just you know you

1068

00:49:41,780 --> 00:49:40,140

can't you know they talk about some of

1069

00:49:45,140 --> 00:49:41,790

these substances which have this

1070

00:49:47,630 --> 00:49:45,150

opposite effect hmm but they're talking

1071

00:49:49,880 --> 00:49:47,640

about the same substance not having it

1072

00:49:52,010 --> 00:49:49,890

just it's not really but avoid it

1073

00:49:55,040 --> 00:49:52,020

because it's made up that's why it

1074

00:49:55,370 --> 00:49:55,050

made up as Steve novella said and I

1075

00:49:56,930 --> 00:49:55,380

think

1076
00:49:58,609 --> 00:49:56,940
latest episode of skeptics guide to the

1077
00:50:02,769 --> 00:49:58,619
universe and he's now created my

1078
00:50:07,160 --> 00:50:02,779
favorite logical fallacy ever it's the

1079
00:50:09,289 --> 00:50:07,170
I've just gone blank it's the making up

1080
00:50:15,440 --> 00:50:09,299
and pulling it out of your ass

1081
00:50:17,630 --> 00:50:15,450
and I just oh I just think you know this

1082
00:50:19,339 --> 00:50:17,640
color stuff is not if you try to draw a

1083
00:50:21,650 --> 00:50:19,349
logical conclusions from the stuff you

1084
00:50:23,150 --> 00:50:21,660
read about monopoly you just end up in a

1085
00:50:26,480 --> 00:50:23,160
screaming heap you know isn't there's no

1086
00:50:28,539 --> 00:50:26,490
logical conclusion to be drawn but it

1087
00:50:33,740 --> 00:50:28,549
you know when you when you see how

1088
00:50:36,829 --> 00:50:33,750

illogical it is and trying to get people

1089

00:50:39,710 --> 00:50:36,839

who are who are bowling into it to

1090

00:50:42,740 --> 00:50:39,720

realize that there is no scientific

1091

00:50:44,450 --> 00:50:42,750

basis to it you know it's that it's a

1092

00:50:46,880 --> 00:50:44,460

kind of thing that that we hope that

1093

00:50:51,740 --> 00:50:46,890

people will actually sing about

1094

00:50:52,999 --> 00:50:51,750

yesterday yeah yeah so um okay I got off

1095

00:50:54,559 --> 00:50:53,009

on a bit of a tangent on that well

1096

00:50:56,150 --> 00:50:54,569

kranes on more crazy stuff from the

1097

00:50:58,400 --> 00:50:56,160

homeopath actually just just there was

1098

00:50:59,539 --> 00:50:58,410

one other little thing in Hanukkah which

1099

00:51:01,640 --> 00:50:59,549

I thought you will find a little bit

1100

00:51:04,400 --> 00:51:01,650

amusing which was that there was a bit

1101
00:51:08,990 --> 00:51:04,410
of an SMS crisis related to homeopathy

1102
00:51:12,589 --> 00:51:09,000
and the and swine flows which SMS christ

1103
00:51:15,769 --> 00:51:12,599
SMS crisis homeopathic medicine SMS

1104
00:51:18,470 --> 00:51:15,779
spread misinformation there was an SMS

1105
00:51:21,650 --> 00:51:18,480
apparently got sent around randomly the

1106
00:51:24,440 --> 00:51:21,660
SU game was in india are telling people

1107
00:51:26,930 --> 00:51:24,450
to take a particular homeopathic remedy

1108
00:51:32,269 --> 00:51:26,940
three times a day for five days as

1109
00:51:33,950 --> 00:51:32,279
prevention for swine flu and apparently

1110
00:51:35,569 --> 00:51:33,960
this created some sort of public panic

1111
00:51:39,980 --> 00:51:35,579
because people were getting this random

1112
00:51:43,009 --> 00:51:39,990
service my gosh it was very strange

1113
00:51:44,990 --> 00:51:43,019

little um a little something that

1114

00:51:47,630 --> 00:51:45,000

happened can they explain what happened

1115

00:51:49,009 --> 00:51:47,640

it was it was just a viral SMS was it

1116

00:51:50,809 --> 00:51:49,019

yeah it's like a chain letter or

1117

00:51:52,849 --> 00:51:50,819

something it was like a viral SMS that

1118

00:51:55,309 --> 00:51:52,859

went around telling able to take a

1119

00:52:01,520 --> 00:51:55,319

jingle homeopath nixle preparation to

1120

00:52:03,630 --> 00:52:01,530

prevent h1n1 right insane

1121

00:52:06,020 --> 00:52:03,640

well we might just finish off by talking

1122

00:52:10,050 --> 00:52:06,030

about something completely different

1123

00:52:13,230 --> 00:52:10,060

ghosties and ufos have you guys heard

1124

00:52:15,660 --> 00:52:13,240

about the sightings in the last week of

1125

00:52:18,390 --> 00:52:15,670

ufos in darwin which is in the north of

1126
00:52:21,360 --> 00:52:18,400
Australia I have an actual in either a

1127
00:52:24,240 --> 00:52:21,370
high service and enlighten us well there

1128
00:52:26,850 --> 00:52:24,250
have been reports of UFOs in the

1129
00:52:31,760 --> 00:52:26,860
Northern Territory quite a lot in the

1130
00:52:33,990 --> 00:52:31,770
last 12 months and just this week a

1131
00:52:38,070 --> 00:52:34,000
gentleman from the Northern Territory by

1132
00:52:39,990 --> 00:52:38,080
the name of our alan ferguson produced a

1133
00:52:42,960 --> 00:52:40,000
video or released a video that he said

1134
00:52:44,970 --> 00:52:42,970
was of UFO activity and he's now

1135
00:52:47,580 --> 00:52:44,980
claiming that tourists will be flocking

1136
00:52:49,620 --> 00:52:47,590
to darwin from around the world because

1137
00:52:52,110 --> 00:52:49,630
he believes that alien activity in the

1138
00:52:55,040 --> 00:52:52,120

skies could rival the wonders of the

1139

00:52:58,410 --> 00:52:55,050

natural world in the Northern Territory

1140

00:53:01,680 --> 00:52:58,420

for example like coolaroo which is ayers

1141

00:53:04,380 --> 00:53:01,690

rock kakadu gorge or kakadu national

1142

00:53:05,820 --> 00:53:04,390

park and the katherine gorge which are

1143

00:53:08,910 --> 00:53:05,830

considered one of the most spectacular

1144

00:53:10,290 --> 00:53:08,920

parts of australia yeah he thinks people

1145

00:53:14,370 --> 00:53:10,300

won't worry about that anymore they'll

1146

00:53:16,500 --> 00:53:14,380

go up to Sandia to the UFOs yeah so um

1147

00:53:18,840 --> 00:53:16,510

he says that after seeing all these

1148

00:53:21,030 --> 00:53:18,850

sightings for years I've said to myself

1149

00:53:27,120 --> 00:53:21,040

we're crazy for not promoting it to the

1150

00:53:31,110 --> 00:53:27,130

rest of the world has refocused Wow yeah

1151
00:53:32,970 --> 00:53:31,120
so um they have they also the Seven

1152
00:53:35,550 --> 00:53:32,980
Network channel seven spoke to a UF

1153
00:53:37,440 --> 00:53:35,560
ologist who said there was a history of

1154
00:53:39,690 --> 00:53:37,450
unexplained sightings in the northern

1155
00:53:41,430 --> 00:53:39,700
territory and he thinks that in the last

1156
00:53:43,170 --> 00:53:41,440
18 months has been unusually high

1157
00:53:44,640 --> 00:53:43,180
activity I'm wondering whether this

1158
00:53:50,310 --> 00:53:44,650
might be because they're a whole lot of

1159
00:53:52,440 --> 00:53:50,320
dehydrated lunatics with three well I

1160
00:53:55,550 --> 00:53:52,450
don't know from any mean to offend any

1161
00:53:57,930 --> 00:53:55,560
listeners that live there ready no no

1162
00:54:02,610 --> 00:53:57,940
i'm thinking more you know British

1163
00:54:05,010 --> 00:54:02,620

British hmm i think it's lola and

1164

00:54:07,290 --> 00:54:05,020

germans in fact yes hello to our German

1165

00:54:08,790 --> 00:54:07,300

friends if you come to the Northern

1166

00:54:11,220 --> 00:54:08,800

Territory don't walk around thinking

1167

00:54:12,510 --> 00:54:11,230

you'll find a town because you won't and

1168

00:54:13,580 --> 00:54:12,520

you'll end up either eaten by a

1169

00:54:17,720 --> 00:54:13,590

crocodile or so

1170

00:54:24,440 --> 00:54:17,730

UFOs yeah running out of water and

1171

00:54:26,930 --> 00:54:24,450

seeing UFOs yeah so am this a northern

1172

00:54:29,720 --> 00:54:26,940

territory MP in fact member of

1173

00:54:31,490 --> 00:54:29,730

parliament by the name of Jerry would he

1174

00:54:33,770 --> 00:54:31,500

told a local paper he had seen UFOs

1175

00:54:36,530 --> 00:54:33,780

flying around in Darwin's rural area and

1176

00:54:38,060 --> 00:54:36,540

he said that there there wasn't even a

1177

00:54:39,380 --> 00:54:38,070

sound or a whisper there was nothing you

1178

00:54:41,930 --> 00:54:39,390

could just see these things moving

1179

00:54:44,230 --> 00:54:41,940

quickly across the sky and he said it

1180

00:54:46,220 --> 00:54:44,240

was like a trail of part of sparks

1181

00:54:49,700 --> 00:54:46,230

similar to when you see a shooting star

1182

00:54:52,370 --> 00:54:49,710

d perhaps it was a shooting star well no

1183

00:54:54,830 --> 00:54:52,380

listen to this joke I quote I am also a

1184

00:55:00,560 --> 00:54:54,840

skeptic but I saw this thing clear as

1185

00:55:03,830 --> 00:55:00,570

day see see ya he's a skeptic but it was

1186

00:55:05,900 --> 00:55:03,840

still there yeah yeah so skeptics we

1187

00:55:08,180 --> 00:55:05,910

never get things wrong we never we are

1188

00:55:09,560 --> 00:55:08,190

no no no no and you know people that

1189

00:55:13,400 --> 00:55:09,570

call themselves skeptic are always

1190

00:55:15,350 --> 00:55:13,410

really escape absolutely so maybe

1191

00:55:17,780 --> 00:55:15,360

Darwinism going to be the next UFO

1192

00:55:20,510 --> 00:55:17,790

hotspot so anyone who's coming to the

1193

00:55:23,780 --> 00:55:20,520

conference in 2010 might like the time

1194

00:55:26,660 --> 00:55:23,790

head Fidel went after Sydney and go and

1195

00:55:28,250 --> 00:55:26,670

sit in the in the outback with no water

1196

00:55:30,170 --> 00:55:28,260

and wait till you start to see things in

1197

00:55:32,210 --> 00:55:30,180

the sky and then you do it actually

1198

00:55:36,500 --> 00:55:32,220

don't know if anyone I think a few of us

1199

00:55:39,760 --> 00:55:36,510

caught Louie throws um look at UFOs on

1200

00:55:42,530 --> 00:55:39,770

the other night oh that was a knife

1201
00:55:46,400 --> 00:55:42,540
anywhere ever if ever we needed another

1202
00:55:48,470 --> 00:55:46,410
one mmm we also have seen there's been

1203
00:55:51,370 --> 00:55:48,480
reports this week of ghosts in our

1204
00:55:54,950 --> 00:55:51,380
parliament house in New South Wales

1205
00:55:57,320 --> 00:55:54,960
apparently there's been the sounds of a

1206
00:55:59,320 --> 00:55:57,330
crying baby then when people go to look

1207
00:56:03,500 --> 00:55:59,330
for the baby they can't find it

1208
00:56:05,270 --> 00:56:03,510
kookaburra Oh miss Australia I had no

1209
00:56:08,600 --> 00:56:05,280
idea what kookaburras what I thought

1210
00:56:10,340 --> 00:56:08,610
they were crying babies did you really I

1211
00:56:12,410 --> 00:56:10,350
came all this crush my husband so they

1212
00:56:15,230 --> 00:56:12,420
were monkeys yes we had monkeys in

1213
00:56:17,480 --> 00:56:15,240

Australia we monkey kookaburras perhaps

1214

00:56:19,569 --> 00:56:17,490

we shouldn't see if we can play a

1215

00:56:31,930 --> 00:56:19,579

kookaburra sound so that out

1216

00:56:34,630 --> 00:56:31,940

oh baby can't find the baby though yes

1217

00:56:36,670 --> 00:56:34,640

on top of this there's been there have

1218

00:56:38,499 --> 00:56:36,680

been reports of people feeling someone

1219

00:56:40,749 --> 00:56:38,509

tapping their shoulder on the back of

1220

00:56:42,789 --> 00:56:40,759

their neck and then turning around and

1221

00:56:49,719 --> 00:56:42,799

there's nothing there and of course the

1222

00:56:54,690 --> 00:56:49,729

traditional somebody just taps me on the

1223

00:56:58,539 --> 00:56:54,700

shoulder jose meter Oh wasn't me honest

1224

00:57:01,569 --> 00:56:58,549

and apparently there's also the typical

1225

00:57:03,039 --> 00:57:01,579

vision of a you know an old man who just

1226

00:57:05,829 --> 00:57:03,049

sort of walked past the corridor or

1227

00:57:08,739 --> 00:57:05,839

something but it is true that parliament

1228

00:57:11,279 --> 00:57:08,749

house is located in an area where

1229

00:57:14,499 --> 00:57:11,289

there's a hospital around the area and

1230

00:57:17,140 --> 00:57:14,509

they used to be a morgue underneath or

1231

00:57:19,479 --> 00:57:17,150

something so that would make sense

1232

00:57:22,120 --> 00:57:19,489

that's probably why Jared ghosties there

1233

00:57:24,579 --> 00:57:22,130

yeah and there was actually some pretty

1234

00:57:26,769 --> 00:57:24,589

funny reporting on this by the media

1235

00:57:28,420 --> 00:57:26,779

saying that the ghosts are not just of

1236

00:57:30,099 --> 00:57:28,430

the old parliamentarians who are still

1237

00:57:32,529 --> 00:57:30,109

hanging around you just don't want to

1238

00:57:36,759 --> 00:57:32,539

leave there are apparently spirits there

1239

00:57:40,349 --> 00:57:36,769

as well oh I actually heard a um mr.

1240

00:57:42,910 --> 00:57:40,359

what what did he call himself 00

1241

00:57:44,439 --> 00:57:42,920

Australia's go to own ghost whisperer oh

1242

00:57:47,049 --> 00:57:44,449

I heard interviewed on the radio

1243

00:57:54,430 --> 00:57:47,059

yesterday and um die annually in please

1244

00:57:56,410 --> 00:57:54,440

because you talk about orbs like I'm so

1245

00:58:00,069 --> 00:57:56,420

much style on Twitter when I take

1246

00:58:02,319 --> 00:58:00,079

pictures I'd love orbs in my picture are

1247

00:58:06,819 --> 00:58:02,329

you get off TI and always tweet is

1248

00:58:22,539 --> 00:58:06,829

beautiful if our listeners would like to

1249

00:58:27,339 --> 00:58:22,549

check out diane's please go she died an

1250

00:58:29,280 --> 00:58:27,349

underscore look good hey AUB's she's

1251

00:58:36,330 --> 00:58:29,290

gone bright red alert

1252

00:58:38,430 --> 00:58:36,340

that's my beautiful orbs as joe said all

1253

00:58:43,790 --> 00:58:38,440

right well we we can play wrap it up on

1254

00:58:50,360 --> 00:58:46,800

thank you Joe better moon thank you for

1255

00:58:53,130 --> 00:58:50,370

talking to us about Diane's or anytime

1256

00:58:57,090 --> 00:58:53,140

ty Ann thank you for joining us on the

1257

00:58:58,680 --> 00:58:57,100

think tank I wonder if a guest for tea

1258

00:59:01,770 --> 00:58:58,690

party five minutes servicing the

1259

00:59:04,500 --> 00:59:01,780

ashfield coinin little recorded Park can

1260

00:59:07,110 --> 00:59:04,510

see Canterbury areas cozy bus will

1261

00:59:11,640 --> 00:59:07,120

depart in five minutes thank you yeah

1262

00:59:14,400 --> 00:59:11,650

well and next time you hear our sisters

1263

00:59:17,700 --> 00:59:14,410

will be back to a normal show with our

1264

00:59:21,570 --> 00:59:17,710

regular members including Richard

1265

00:59:23,700 --> 00:59:21,580

Saunders so when Ellie forgot and

1266

00:59:25,620 --> 00:59:23,710

hopefully we'll have them Dave the happy

1267

00:59:28,020 --> 00:59:25,630

singer and maybe around to give and Joe

1268

00:59:52,470 --> 00:59:28,030

you'll be back one day and Diane will be

1269

00:59:56,340 --> 00:59:54,210

well thanks for joining me for the

1270

00:59:58,950 --> 00:59:56,350

skeptic zone next week we'll have our

1271

01:00:00,599 --> 00:59:58,960

full show back with dr. Reggie reports a

1272

01:00:03,240 --> 01:00:00,609

grain of salt with Iran's to give and

1273

01:00:06,060 --> 01:00:03,250

our regular think tank and don't forget

1274

01:00:08,010 --> 01:00:06,070

come and see us at Dragon Con in Atlanta

1275

01:00:10,530 --> 01:00:08,020

come and find this will be there at the

1276

01:00:15,630 --> 01:00:10,540

skeptic track until then it's goodbye

1277

01:00:17,940 --> 01:00:15,640

from Richard Saunders you've been

1278

01:00:22,470 --> 01:00:17,950

listening to the skeptic zone visit our

1279

01:00:24,960 --> 01:00:22,480

website at www.skeptics.org on TV the

1280

01:00:27,250 --> 01:00:24,970

comments contacts and extra video