

1
00:00:20,679 --> 00:00:27,039
hello and welcome to the skeptics own

2
00:00:23,510 --> 00:00:29,810
show number 44 for the 21st of august

3
00:00:27,039 --> 00:00:32,750
2009 Richard Saunders here with you from

4
00:00:29,809 --> 00:00:35,539
Sydney Australia on today's show our

5
00:00:32,750 --> 00:00:37,969
reporter Carly Sturgis talks to slough

6
00:00:35,539 --> 00:00:40,789
from sessions with Slough the podcast

7
00:00:37,969 --> 00:00:43,549
and the music producer friend of George

8
00:00:40,789 --> 00:00:46,009
Robert following that we have another

9
00:00:43,549 --> 00:00:49,099
think tank this time it's dr. Richie

10
00:00:46,009 --> 00:00:52,339
Diane burst open and Joanne benim oh yes

11
00:00:49,100 --> 00:00:54,109
an all-female think tank once again now

12
00:00:52,340 --> 00:00:56,330
those of you in the state's coming to

13
00:00:54,109 --> 00:00:58,338
dragoncon in a couple of weeks please

14
00:00:56,329 --> 00:01:00,530
come and find us we'll be at the skeptic

15
00:00:58,338 --> 00:01:02,570
track and i'll be at the silk road track

16
00:01:00,530 --> 00:01:05,210
doing origami they'll be Kyle Easter

17
00:01:02,570 --> 00:01:07,909
just dr. Richie and myself plus our

18
00:01:05,209 --> 00:01:11,000
friends dr. Steve Roberts the Australian

19
00:01:07,909 --> 00:01:12,799
skeptics UFO expert and dr. Martin

20
00:01:11,000 --> 00:01:14,719
bridge stop from Queensland we'll all be

21
00:01:12,799 --> 00:01:16,700
there please come and find this out and

22
00:01:14,719 --> 00:01:18,769
say hello and i hope you'll enjoy some

23
00:01:16,700 --> 00:01:21,290
of the panels and talks will be giving

24
00:01:18,769 --> 00:01:25,060
but for now let's get on to this week's

25
00:01:21,290 --> 00:01:25,060
episode of the skeptic zone

26
00:01:38,439 --> 00:01:44,090
I'm Carly Sturgis and today I'm talking

27
00:01:41,689 --> 00:01:46,909
to slavko harlowton known to his many

28
00:01:44,090 --> 00:01:48,829
fans as Slough he works as a music

29

00:01:46,909 --> 00:01:51,679
producer and an award-winning recording

30
00:01:48,829 --> 00:01:54,230
artist his podcast sessions with slough

31
00:01:51,680 --> 00:01:56,660
takes listeners behind the scenes at be

32
00:01:54,230 --> 00:01:59,090
sharp a recording studio in New York

33
00:01:56,659 --> 00:02:01,250
City is experienced with sessions gear

34
00:01:59,090 --> 00:02:03,469
reviews and equipment shootouts make him

35
00:02:01,250 --> 00:02:05,450
an expert choice to discuss how to feel

36
00:02:03,469 --> 00:02:07,728
practically and pragmatically with

37
00:02:05,450 --> 00:02:13,699
superstitions and pseudoscience in the

38
00:02:07,728 --> 00:02:15,469
audio industry okay I'm really with your

39
00:02:13,699 --> 00:02:18,109
work because I listened to a great

40
00:02:15,469 --> 00:02:20,389
podcast called sessions with slam and I

41
00:02:18,110 --> 00:02:23,150
am NOT one who is particularly familiar

42
00:02:20,389 --> 00:02:25,009
with audio technology but I I enjoy

43
00:02:23,150 --> 00:02:26,719

listening to someone who's enthusiastic

44

00:02:25,009 --> 00:02:29,030

about their profession and you're

45

00:02:26,719 --> 00:02:30,859

certainly that recently you discussed

46

00:02:29,030 --> 00:02:33,379

the superstition multitrack on your

47

00:02:30,860 --> 00:02:35,180

podcast and I immediately thought to

48

00:02:33,379 --> 00:02:37,430

myself are they commonly held

49

00:02:35,180 --> 00:02:39,020

superstitions in the audio industry and

50

00:02:37,430 --> 00:02:42,800

how do you deal with them when you come

51

00:02:39,020 --> 00:02:45,530

across them well um i would say that in

52

00:02:42,800 --> 00:02:47,390

them in the music industry or at least

53

00:02:45,530 --> 00:02:49,729

the part of the industry that I'm

54

00:02:47,389 --> 00:02:53,059

involved with mostly which is recording

55

00:02:49,729 --> 00:02:56,719

I would say generally there aren't too

56

00:02:53,060 --> 00:02:59,180

many superstitions that are a parent or

57

00:02:56,719 --> 00:03:02,090

obvious I mean like say like in

58
00:02:59,180 --> 00:03:04,280
something like baseball for example you

59
00:03:02,090 --> 00:03:07,099
might have the people who have a

60
00:03:04,280 --> 00:03:08,599
superstition about a a winning streak or

61
00:03:07,099 --> 00:03:09,709
something like that you know like the

62
00:03:08,599 --> 00:03:11,989
the pitcher won't change his underwear

63
00:03:09,709 --> 00:03:16,189
for three months or something disgusting

64
00:03:11,989 --> 00:03:18,110
like oh dear God yeah in the in the

65
00:03:16,189 --> 00:03:21,379
audio industry or in the recording

66
00:03:18,110 --> 00:03:24,230
industry um I think if if anything

67
00:03:21,379 --> 00:03:27,189
people might have their own little thing

68
00:03:24,229 --> 00:03:32,539
that they like to do to sort of get them

69
00:03:27,189 --> 00:03:35,930
themselves focused you know it is it is

70
00:03:32,539 --> 00:03:37,909
an environment where you have to deliver

71
00:03:35,930 --> 00:03:42,859
something creatively and sort of

72
00:03:37,909 --> 00:03:45,430
whatever relaxes you I i think is it can

73
00:03:42,859 --> 00:03:47,120
be a good thing you know people might

74
00:03:45,430 --> 00:03:49,010
bring some

75
00:03:47,120 --> 00:03:51,019
thing like oh I don't know their

76
00:03:49,009 --> 00:03:52,939
favorite little you know quote unquote

77
00:03:51,019 --> 00:03:54,469
lucky charm or something like that

78
00:03:52,939 --> 00:03:56,930
something that gives them a sense of

79
00:03:54,469 --> 00:04:01,969
comfort something from their from their

80
00:03:56,930 --> 00:04:03,620
home or something of a loved ones you

81
00:04:01,969 --> 00:04:05,870
know keychain or something I don't know

82
00:04:03,620 --> 00:04:08,120
what whatever it is I haven't had an

83
00:04:05,870 --> 00:04:12,379
instance where it's gotten in the way of

84
00:04:08,120 --> 00:04:17,269
anything sometimes you know I i happen

85
00:04:12,378 --> 00:04:19,879
to have quite a lot of religious clients

86

00:04:17,269 --> 00:04:23,329
a lot of like Baptists for some reason

87
00:04:19,879 --> 00:04:25,370
and the one thing I say that sort of

88
00:04:23,329 --> 00:04:27,379
makes me a little bit uncomfortable from

89
00:04:25,370 --> 00:04:32,689
time to time it's not a big deal but

90
00:04:27,379 --> 00:04:36,110
they really like to pray a lot oh and

91
00:04:32,689 --> 00:04:37,759
and it's like right before I it started

92
00:04:36,110 --> 00:04:41,000
out with some people at the beginning of

93
00:04:37,759 --> 00:04:42,800
a session they would sort of you know as

94
00:04:41,000 --> 00:04:44,750
a group they would pray and and that's

95
00:04:42,800 --> 00:04:46,538
fine i've just sit there that you know

96
00:04:44,750 --> 00:04:49,069
at the console i wouldn't say anything

97
00:04:46,538 --> 00:04:50,389
and they would do the thing but then it

98
00:04:49,069 --> 00:04:52,550
got to the point where people were sort

99
00:04:50,389 --> 00:04:54,110
of you know praying before each take in

100
00:04:52,550 --> 00:04:58,069

a recording session and that just gets

101

00:04:54,110 --> 00:05:02,180

that just really to me upsets the flow

102

00:04:58,069 --> 00:05:05,598

of things um but time is money as well

103

00:05:02,180 --> 00:05:07,400

it is it is and and i mean it's it's up

104

00:05:05,598 --> 00:05:09,800

to them if that's what makes you know if

105

00:05:07,399 --> 00:05:11,750

that's what gets them motivated well

106

00:05:09,800 --> 00:05:16,250

that's fine Who am I to say that they

107

00:05:11,750 --> 00:05:18,470

shouldn't be doing it the one time well

108

00:05:16,250 --> 00:05:21,079

it was actually it happened a couple of

109

00:05:18,470 --> 00:05:22,870

times now I but but the first time it

110

00:05:21,079 --> 00:05:25,969

happened it really took me by surprise

111

00:05:22,870 --> 00:05:28,189

one of my clients who it was a brilliant

112

00:05:25,970 --> 00:05:33,349

brilliant pianist like you know a

113

00:05:28,189 --> 00:05:36,680

grammy-winning kind of artist um he he's

114

00:05:33,348 --> 00:05:39,529

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

115
00:05:36,680 --> 00:05:42,319
band in and they sort of invited me to

116
00:05:39,529 --> 00:05:44,239
pray with them in the live room standing

117
00:05:42,319 --> 00:05:46,399
in a circle holding hands and and I just

118
00:05:44,240 --> 00:05:49,280
I'm the kind of person so I'm so non

119
00:05:46,399 --> 00:05:52,159
confrontational I said sure you know i

120
00:05:49,279 --> 00:05:55,459
just i went in there you know held the

121
00:05:52,160 --> 00:05:57,530
hell the hands and stuff and they just

122
00:05:55,459 --> 00:05:59,049
went into this real kind of like a

123
00:05:57,529 --> 00:06:01,719
baptist kind of prey

124
00:05:59,050 --> 00:06:03,879
the Lord praise and thank you Lord for

125
00:06:01,720 --> 00:06:06,550
for putting us in touch with Slough and

126
00:06:03,879 --> 00:06:09,780
this net you know I'm just standing

127
00:06:06,550 --> 00:06:11,800
there smiling and I'm not not

128
00:06:09,779 --> 00:06:14,948
participating in the sense of I'm not

129
00:06:11,800 --> 00:06:17,530
praying but hey if it if I you see the

130
00:06:14,949 --> 00:06:21,879
thing is if I were to say to them no no

131
00:06:17,529 --> 00:06:23,318
no go ahead you know I i pass i don't

132
00:06:21,879 --> 00:06:26,379
know if that would make them feel

133
00:06:23,319 --> 00:06:29,530
particularly uncomfortable and i feel

134
00:06:26,379 --> 00:06:33,129
less discomfort i believe just standing

135
00:06:29,529 --> 00:06:36,250
there and smiling than they would if I

136
00:06:33,129 --> 00:06:38,590
refused so you know it's a case of

137
00:06:36,250 --> 00:06:41,019
what's the harm in this case you're sort

138
00:06:38,589 --> 00:06:42,939
of helping them out I guess to me to me

139
00:06:41,019 --> 00:06:45,758
that that's yeah yeah that's how it

140
00:06:42,939 --> 00:06:48,939
feels to me so but as far as just

141
00:06:45,759 --> 00:06:52,330
general kind of superstition I i I've

142
00:06:48,939 --> 00:06:54,038
been lucky to not encounter it uh you

143

00:06:52,329 --> 00:06:57,399
know what whatever makes the person feel

144
00:06:54,038 --> 00:06:59,529
comfortable i think is ok if somebody

145
00:06:57,399 --> 00:07:02,348
came in and and and you know and wanted

146
00:06:59,529 --> 00:07:04,119
to do something that I objected to well

147
00:07:02,348 --> 00:07:08,259
then I don't know I have to deal with

148
00:07:04,120 --> 00:07:12,788
that you know as I encountered it but so

149
00:07:08,259 --> 00:07:14,319
far knock on wood lucky oh that's a good

150
00:07:12,788 --> 00:07:17,199
one to use definitely being a

151
00:07:14,319 --> 00:07:19,778
superstition in itself right now in

152
00:07:17,199 --> 00:07:22,210
these cases we can say okay it's routine

153
00:07:19,778 --> 00:07:23,528
it gets people into a comfort zone what

154
00:07:22,209 --> 00:07:26,339
happens when it's something that is

155
00:07:23,528 --> 00:07:28,389
dangerous when people start promoting

156
00:07:26,339 --> 00:07:30,968
pseudoscience that will actually rip

157
00:07:28,389 --> 00:07:33,250

them off have you come across many audio

158

00:07:30,968 --> 00:07:35,079

base to pseudoscience which people have

159

00:07:33,250 --> 00:07:37,718

been touting saying this will improve

160

00:07:35,079 --> 00:07:39,550

things beyond compare and it just really

161

00:07:37,718 --> 00:07:41,800

won't for their pocket at least if not

162

00:07:39,550 --> 00:07:44,740

maybe their career I don't know the

163

00:07:41,800 --> 00:07:48,250

thing that I that I've encountered so

164

00:07:44,740 --> 00:07:52,079

far in terms of stuff like that I think

165

00:07:48,250 --> 00:07:55,149

that people are easily influenced by

166

00:07:52,079 --> 00:07:57,490

just you know brand names and the way

167

00:07:55,149 --> 00:08:01,179

things look as opposed to the way they

168

00:07:57,490 --> 00:08:03,819

sound and the way they work you know

169

00:08:01,180 --> 00:08:06,310

there was a case where I had a bass

170

00:08:03,819 --> 00:08:10,020

player who came in and would would not

171

00:08:06,310 --> 00:08:14,339

use anything but monster cable

172
00:08:10,019 --> 00:08:16,709
yeah and and he swore that you know the

173
00:08:14,339 --> 00:08:19,318
transient was response was much better

174
00:08:16,709 --> 00:08:21,418
and stuff like that and you know the

175
00:08:19,319 --> 00:08:23,490
thing is I know that he paid like an

176
00:08:21,418 --> 00:08:26,788
enormous amount of money for cables and

177
00:08:23,490 --> 00:08:30,030
stuff and and to me it was just

178
00:08:26,788 --> 00:08:34,500
something that I didn't believe in any

179
00:08:30,029 --> 00:08:36,299
way made any difference you know so I

180
00:08:34,500 --> 00:08:38,610
it's it's something that I've

181
00:08:36,299 --> 00:08:43,708
encountered to a degree but I think more

182
00:08:38,610 --> 00:08:48,289
so people are just mesmerised by brand

183
00:08:43,708 --> 00:08:50,849
names and the uh you know the the

184
00:08:48,289 --> 00:08:52,679
promise of something rather than the

185
00:08:50,850 --> 00:08:55,019
performance they say well this

186
00:08:52,679 --> 00:08:57,469
microphone will make you sound to you

187
00:08:55,019 --> 00:09:00,838
know like so and so it's a vintage

188
00:08:57,470 --> 00:09:04,050
styled microphone with you know with

189
00:09:00,839 --> 00:09:06,240
vacuum tube electronics and that kind of

190
00:09:04,049 --> 00:09:08,370
stuff and and you know that that's all

191
00:09:06,240 --> 00:09:12,149
fine and good but really I think it's

192
00:09:08,370 --> 00:09:15,389
it's just it's the image it's the it's

193
00:09:12,149 --> 00:09:18,328
the sexiness of what is being sold it's

194
00:09:15,389 --> 00:09:20,490
a business I mean that's its retail it

195
00:09:18,328 --> 00:09:22,229
happens everywhere yeah absolutely yeah

196
00:09:20,490 --> 00:09:25,500
is it very difficult to distinguish

197
00:09:22,230 --> 00:09:29,149
height from a good product um well it is

198
00:09:25,500 --> 00:09:33,059
it difficult I I think that it can be

199
00:09:29,149 --> 00:09:37,019
you know unfortunately in in the audio

200

00:09:33,059 --> 00:09:43,349
industry much of what is sold is sold by

201
00:09:37,019 --> 00:09:45,659
ad copy and you really that there's not

202
00:09:43,350 --> 00:09:49,560
much that you can determine when you

203
00:09:45,659 --> 00:09:51,299
walk into a pro audio shop you know is

204
00:09:49,559 --> 00:09:52,769
this microphone good well sure we could

205
00:09:51,299 --> 00:09:55,109
plug it in you could hear it well that's

206
00:09:52,769 --> 00:09:59,399
not really going to be a great test of

207
00:09:55,110 --> 00:10:01,139
something that that will have subtle

208
00:09:59,399 --> 00:10:04,620
differences between one product and

209
00:10:01,139 --> 00:10:06,208
another and well fortunately or

210
00:10:04,620 --> 00:10:08,370
unfortunately I'm not sure they're the

211
00:10:06,208 --> 00:10:11,629
only way to tell is to really purchase

212
00:10:08,370 --> 00:10:13,828
the product and then try it in your own

213
00:10:11,629 --> 00:10:15,958
studio in your own home whatever

214
00:10:13,828 --> 00:10:20,909

whatever it is on location whatever kind

215

00:10:15,958 --> 00:10:24,179

of work you do as far as the sort of

216

00:10:20,909 --> 00:10:26,429

consumer market a stereo system

217

00:10:24,179 --> 00:10:28,649

and stuff I think what sells a lot of

218

00:10:26,429 --> 00:10:30,870

people are the specifications of

219

00:10:28,649 --> 00:10:34,649

something and say well this thing goes

220

00:10:30,870 --> 00:10:37,740

down to 20 Hertz and and and has a this

221

00:10:34,649 --> 00:10:39,509

amplifier has a frequency range of up to

222

00:10:37,740 --> 00:10:42,269

fifty kilohertz or something like that

223

00:10:39,509 --> 00:10:46,139

which is just beyond anything that we

224

00:10:42,269 --> 00:10:49,679

can really detect and and some people I

225

00:10:46,139 --> 00:10:54,000

think just by on specs alone and I

226

00:10:49,679 --> 00:10:56,419

suppose that's okay really sometimes I

227

00:10:54,000 --> 00:10:59,789

think that people just spend money

228

00:10:56,419 --> 00:11:02,579

unnecessarily and they're they're just

229
00:10:59,789 --> 00:11:06,088
sold in a store by my image again

230
00:11:02,580 --> 00:11:06,899
there's an excellent podcast i want to

231
00:11:06,089 --> 00:11:09,779
mention i don't know if you're familiar

232
00:11:06,899 --> 00:11:12,208
with quick hits yes a guy named dave hit

233
00:11:09,778 --> 00:11:14,970
has a podcast he had a blog called the

234
00:11:12,208 --> 00:11:17,609
Hitman chronicles and in his podcast he

235
00:11:14,970 --> 00:11:21,389
has an episode where he speaks about

236
00:11:17,610 --> 00:11:24,240
being he used to work in a in an audio

237
00:11:21,389 --> 00:11:26,519
retail kind of a place place that sells

238
00:11:24,240 --> 00:11:29,370
stereo systems and stuff like that and

239
00:11:26,519 --> 00:11:32,569
the workers there were of course very

240
00:11:29,370 --> 00:11:35,009
familiar with the equipment the the

241
00:11:32,570 --> 00:11:37,379
speaker enclosures that they would sell

242
00:11:35,009 --> 00:11:38,789
the amplifiers the stereo systems in

243

00:11:37,379 --> 00:11:41,429

general the turntables and everything

244

00:11:38,789 --> 00:11:45,149

and so they would sometimes when it was

245

00:11:41,429 --> 00:11:48,419

slow they would just kind of do kind of

246

00:11:45,149 --> 00:11:50,159

their own little blind tests you know of

247

00:11:48,419 --> 00:11:52,559

equipment and they got to the point

248

00:11:50,159 --> 00:11:54,389

where they could tell speakers apart and

249

00:11:52,559 --> 00:11:57,119

stuff like that because with speakers

250

00:11:54,389 --> 00:12:00,088

that's something that's pretty pretty

251

00:11:57,120 --> 00:12:02,129

apparent especially if if you get used

252

00:12:00,089 --> 00:12:05,910

to hearing a particular pair of speakers

253

00:12:02,129 --> 00:12:08,490

and stuff um but you know they they when

254

00:12:05,909 --> 00:12:12,419

they sold equipment they would throw in

255

00:12:08,490 --> 00:12:14,459

speaker wire and um you know this stuff

256

00:12:12,419 --> 00:12:17,009

was like you know what penny of foot it

257

00:12:14,458 --> 00:12:18,208
was just it was really nothing I mean

258
00:12:17,009 --> 00:12:19,528
they didn't they didn't charge the

259
00:12:18,208 --> 00:12:22,379
customer they would just say you know

260
00:12:19,528 --> 00:12:23,700
hey how how many feet of speaker cable

261
00:12:22,379 --> 00:12:25,950
do you need and it was kind of a way to

262
00:12:23,700 --> 00:12:27,509
close the deal you know it's like if a

263
00:12:25,950 --> 00:12:29,220
person was standing there wondering this

264
00:12:27,509 --> 00:12:30,778
is so how many speedy feet of speaker

265
00:12:29,220 --> 00:12:32,399
cable I need then and that would sort

266
00:12:30,778 --> 00:12:34,919
of push them over the edge of you know

267
00:12:32,399 --> 00:12:36,809
they would say you know 12 feet and boom

268
00:12:34,919 --> 00:12:38,479
that the sale is done and at a certain

269
00:12:36,809 --> 00:12:40,589
point they started gay

270
00:12:38,480 --> 00:12:43,529
monster cable and this was in the late

271
00:12:40,590 --> 00:12:47,430

70s now the monster cable they sold at

272

00:12:43,529 --> 00:12:48,929

like forty dollars a foot or some or for

273

00:12:47,429 --> 00:12:51,599

forty dollars a cable or whatever it was

274

00:12:48,929 --> 00:12:53,969

but but the point is that this stuff was

275

00:12:51,600 --> 00:12:57,210

way more expensive and they actually had

276

00:12:53,970 --> 00:12:59,519

to charge the client and some people you

277

00:12:57,210 --> 00:13:01,560

know came in specifically asking for

278

00:12:59,519 --> 00:13:03,500

monster cable and stuff and and these

279

00:13:01,559 --> 00:13:05,579

employees just didn't feel that they

280

00:13:03,500 --> 00:13:08,629

that there really was a difference

281

00:13:05,580 --> 00:13:11,430

between the two cables so they set up a

282

00:13:08,629 --> 00:13:12,689

blind test that they did themselves and

283

00:13:11,429 --> 00:13:14,759

like all the people in the store the

284

00:13:12,690 --> 00:13:17,370

employees participated and they

285

00:13:14,759 --> 00:13:19,950

absolutely could not tell the difference

286
00:13:17,370 --> 00:13:25,139
between one cable and another there was

287
00:13:19,950 --> 00:13:27,240
just simply no difference and yet ah you

288
00:13:25,139 --> 00:13:30,710
know if a person wants to spend that

289
00:13:27,240 --> 00:13:33,060
kind of money on a cable well fine I

290
00:13:30,710 --> 00:13:36,540
guess there's nothing wrong with it

291
00:13:33,059 --> 00:13:38,849
however if these were sales people there

292
00:13:36,539 --> 00:13:42,719
in there in it to make money to make a

293
00:13:38,850 --> 00:13:45,540
commission and well Dave when he was

294
00:13:42,720 --> 00:13:47,580
recounting this in his podcast said well

295
00:13:45,539 --> 00:13:49,319
you know for him if somebody

296
00:13:47,580 --> 00:13:50,910
specifically asked for it he would he

297
00:13:49,320 --> 00:13:53,400
would sell it to them brother but

298
00:13:50,909 --> 00:13:55,620
otherwise he didn't push it because he

299
00:13:53,399 --> 00:13:57,870
just didn't feel that it was right to do

300
00:13:55,620 --> 00:14:00,450
so you know it was like one does this

301
00:13:57,870 --> 00:14:02,450
cheap one penny a foot cable is just as

302
00:14:00,450 --> 00:14:05,160
good it's certainly something that

303
00:14:02,450 --> 00:14:08,730
skeptics are interested in we had James

304
00:14:05,159 --> 00:14:10,620
Randi back in 2007 who had to test the

305
00:14:08,730 --> 00:14:13,920
let me see seven thousand two hundred

306
00:14:10,620 --> 00:14:16,409
and fifty dollar 12-foot our new audio

307
00:14:13,919 --> 00:14:19,219
cables which are sold by company pair oh

308
00:14:16,409 --> 00:14:21,569
you're starting to grown already yeah

309
00:14:19,220 --> 00:14:23,279
have you ever had the opportunity to do

310
00:14:21,570 --> 00:14:26,129
a similar taste or would you suggest

311
00:14:23,279 --> 00:14:27,990
people to such a thing you know I've

312
00:14:26,129 --> 00:14:34,259
never heard I've never had the

313
00:14:27,990 --> 00:14:37,769
opportunity to use pair cable um I've

314

00:14:34,259 --> 00:14:39,840
certainly heard of places that had cable

315
00:14:37,769 --> 00:14:42,029
even more expensive there are some

316
00:14:39,840 --> 00:14:46,350
studios you know that that just have

317
00:14:42,029 --> 00:14:50,100
solid gold cable and it's just I mean

318
00:14:46,350 --> 00:14:51,320
you know the thing is it's common to go

319
00:14:50,100 --> 00:14:53,840
into a

320
00:14:51,320 --> 00:14:57,020
electronics shop and see or into a pro

321
00:14:53,840 --> 00:14:59,570
audio retailer and see things that are

322
00:14:57,019 --> 00:15:02,809
like you know gold-plated contacts you

323
00:14:59,570 --> 00:15:06,190
know and well gold is a great conductor

324
00:15:02,809 --> 00:15:11,809
of electricity and stuff and and and

325
00:15:06,190 --> 00:15:16,090
yeah okay I'll buy that that the gold

326
00:15:11,809 --> 00:15:20,139
contacts don't corrode they they don't

327
00:15:16,090 --> 00:15:24,050
break down like some other cheap metals

328
00:15:20,139 --> 00:15:27,470

but you know as a conductor copper is

329

00:15:24,049 --> 00:15:32,659
also great as long as it's sort of

330

00:15:27,470 --> 00:15:38,840
oxygen free it'll last a lifetime and so

331

00:15:32,659 --> 00:15:40,669
I just simply don't buy this this claim

332

00:15:38,840 --> 00:15:43,250
and I I've certainly heard of that

333

00:15:40,669 --> 00:15:46,309
challenge and and it's did it's just no

334

00:15:43,250 --> 00:15:48,769
surprise that it just never went through

335

00:15:46,309 --> 00:15:50,919
it never got past the preliminaries you

336

00:15:48,769 --> 00:15:53,809
know the and there are ways to of course

337

00:15:50,919 --> 00:15:57,409
you know test even even from a

338

00:15:53,809 --> 00:15:59,689
perspective of you know I'll tell you

339

00:15:57,409 --> 00:16:01,689
what it you know in it in a controlled

340

00:15:59,690 --> 00:16:05,060
experiment where you're doing a

341

00:16:01,690 --> 00:16:08,590
spectrographic sort of analysis of how

342

00:16:05,059 --> 00:16:14,059
one cable works as opposed to another

343
00:16:08,590 --> 00:16:16,310
there might be a slight difference in

344
00:16:14,059 --> 00:16:18,919
the response me you could take two of

345
00:16:16,309 --> 00:16:22,429
the same kind of cable and you might get

346
00:16:18,919 --> 00:16:24,349
a slightly different response but really

347
00:16:22,429 --> 00:16:28,339
it's non-detectable it's an

348
00:16:24,350 --> 00:16:32,420
insignificant differences and ultimately

349
00:16:28,340 --> 00:16:35,629
a the person on the street to them you

350
00:16:32,419 --> 00:16:37,099
know it would never make a difference it

351
00:16:35,629 --> 00:16:39,889
would just absolutely would never make a

352
00:16:37,100 --> 00:16:43,580
difference people tend not to hear the

353
00:16:39,889 --> 00:16:49,250
difference between mp3 and CD audio I

354
00:16:43,580 --> 00:16:52,940
mean low resolution mp3's stuff that's

355
00:16:49,250 --> 00:16:56,000
been compressed quite a bit um yeah

356
00:16:52,940 --> 00:17:01,370
people start to hear the artifacts but

357
00:16:56,000 --> 00:17:03,799
when you're getting up to a 320kbps sort

358
00:17:01,370 --> 00:17:04,940
of compression where you're you're

359
00:17:03,799 --> 00:17:08,539
decreasing the fire

360
00:17:04,940 --> 00:17:12,039
size by a factor of say a quarter of the

361
00:17:08,539 --> 00:17:14,690
original size or so most people just

362
00:17:12,039 --> 00:17:17,359
absolutely cannot tell a difference I

363
00:17:14,690 --> 00:17:20,029
can barely tell the difference sometimes

364
00:17:17,359 --> 00:17:23,479
depending on the program material but

365
00:17:20,029 --> 00:17:25,460
you know it's so so is it ever worth it

366
00:17:23,480 --> 00:17:28,130
for someone to pay seven thousand

367
00:17:25,460 --> 00:17:30,380
dollars for a cable absolutely not in my

368
00:17:28,130 --> 00:17:32,840
opinion but you know what if you have

369
00:17:30,380 --> 00:17:35,090
the money and you want the bragging

370
00:17:32,839 --> 00:17:37,669
rights well that's what it costs hmm

371

00:17:35,089 --> 00:17:39,829
yeah you know there was another thing

372
00:17:37,670 --> 00:17:42,110
that came to mind speaking of audio CDs

373
00:17:39,829 --> 00:17:45,319
I mean then this is an example of just

374
00:17:42,109 --> 00:17:48,439
as absolute quackery there were people

375
00:17:45,319 --> 00:17:52,819
that absolutely swore that if you took

376
00:17:48,440 --> 00:17:56,650
an audio CD and put it in a ziplock bag

377
00:17:52,819 --> 00:17:59,809
and put it in the freezer overnight

378
00:17:56,650 --> 00:18:02,450
really that the next day you take it out

379
00:17:59,809 --> 00:18:04,879
let it sit you know just to get to room

380
00:18:02,450 --> 00:18:07,819
temperature and they swore it would

381
00:18:04,880 --> 00:18:11,000
absolutely sound better now these are

382
00:18:07,819 --> 00:18:13,099
ones and zeros this is digital and

383
00:18:11,000 --> 00:18:14,720
people swore that it made a difference

384
00:18:13,099 --> 00:18:17,049
there were another group of people who

385
00:18:14,720 --> 00:18:19,519

swore that if you took this particular

386

00:18:17,049 --> 00:18:21,500

green marker and it was a particular

387

00:18:19,519 --> 00:18:25,460

brand on a particular shade of green and

388

00:18:21,500 --> 00:18:27,769

if you and if you sort of marked the

389

00:18:25,460 --> 00:18:31,220

edge of the CD that that would influence

390

00:18:27,769 --> 00:18:34,480

the sound baloney I mean that its just

391

00:18:31,220 --> 00:18:39,799

oh wow I'm trying to keep it clean Kylie

392

00:18:34,480 --> 00:18:42,710

because I it just it's just outrageous

393

00:18:39,799 --> 00:18:45,349

and how you know how do you prove

394

00:18:42,710 --> 00:18:47,090

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

395

00:18:45,349 --> 00:18:48,469

subjective somebody might sit there and

396

00:18:47,089 --> 00:18:50,569

listen and say well that sounds better

397

00:18:48,470 --> 00:18:52,069

and you know what if you had one CD that

398

00:18:50,569 --> 00:18:53,720

you didn't do that with and the CD that

399

00:18:52,069 --> 00:18:56,419

you did it with you have a 50-50 chance

400
00:18:53,720 --> 00:18:59,690
of getting right it's just it's not a

401
00:18:56,420 --> 00:19:02,300
good test and there's no way there's no

402
00:18:59,690 --> 00:19:05,600
way that somebody could pick out a CD

403
00:19:02,299 --> 00:19:08,869
that's been frozen you know at this just

404
00:19:05,599 --> 00:19:13,129
it's just absolutely no way and and in

405
00:19:08,869 --> 00:19:16,399
the audio industry they're they're just

406
00:19:13,130 --> 00:19:18,350
so few people I haven't even come across

407
00:19:16,400 --> 00:19:22,640
an instance where

408
00:19:18,349 --> 00:19:24,288
an audio professional really uh you know

409
00:19:22,640 --> 00:19:27,500
where they put their reputation on the

410
00:19:24,288 --> 00:19:30,379
line and said that I can tell this over

411
00:19:27,500 --> 00:19:33,380
this other thing because nobody nobody

412
00:19:30,380 --> 00:19:35,840
can you know it's not like the

413
00:19:33,380 --> 00:19:37,390
difference between it's not like telling

414
00:19:35,839 --> 00:19:40,250
the difference between something that's

415
00:19:37,390 --> 00:19:43,730
absolute crap and something that's quite

416
00:19:40,250 --> 00:19:45,470
good we're talking often you know you're

417
00:19:43,730 --> 00:19:47,929
you're talking about differences that

418
00:19:45,470 --> 00:19:50,419
are just in perceivable and and thus

419
00:19:47,929 --> 00:19:52,730
insignificant and they don't make a

420
00:19:50,419 --> 00:19:54,860
difference you find so little of that

421
00:19:52,730 --> 00:19:57,558
but you'll find tons of people who are

422
00:19:54,859 --> 00:19:59,990
willing to tout the the benefits of this

423
00:19:57,558 --> 00:20:03,168
particular gear over that and and how

424
00:19:59,990 --> 00:20:06,019
wonderful this sounds and how warm this

425
00:20:03,169 --> 00:20:08,090
particular microphone sounds as opposed

426
00:20:06,019 --> 00:20:09,558
to something else and you know there are

427
00:20:08,089 --> 00:20:14,139
buzz words like that you know something

428

00:20:09,558 --> 00:20:17,029
that sounds warm and and punchy well

429
00:20:14,140 --> 00:20:20,840
people have yet to define those words

430
00:20:17,029 --> 00:20:22,908
are they good publications or sites or

431
00:20:20,839 --> 00:20:25,038
even professionals within the industry

432
00:20:22,909 --> 00:20:29,630
who are considered trustworthy in terms

433
00:20:25,038 --> 00:20:33,769
of consumer affairs you know yeah as as

434
00:20:29,630 --> 00:20:38,030
far as as far as consumer audio there is

435
00:20:33,769 --> 00:20:41,210
a consumer reports magazine of course

436
00:20:38,029 --> 00:20:45,200
that they really go through enormous

437
00:20:41,210 --> 00:20:47,630
pains to do controlled experiments and

438
00:20:45,200 --> 00:20:51,169
they built an anechoic chamber which is

439
00:20:47,630 --> 00:20:53,840
which is a huge room that has no echo in

440
00:20:51,169 --> 00:20:56,120
it whatsoever it's absolutely lined top

441
00:20:53,839 --> 00:20:58,788
to bottom with fiberglass even the floor

442
00:20:56,119 --> 00:21:01,129

is actually a metal grid beneath which

443

00:20:58,788 --> 00:21:03,970

there's fiberglass so when you walk into

444

00:21:01,130 --> 00:21:07,820

this thing it is it is the most unusual

445

00:21:03,970 --> 00:21:10,400

experience because you have no sense of

446

00:21:07,819 --> 00:21:13,839

space you have no sense of whether

447

00:21:10,400 --> 00:21:16,130

you're in a tiny room or a gigantic

448

00:21:13,839 --> 00:21:19,220

auditorium a bit because there's nothing

449

00:21:16,130 --> 00:21:21,140

to give you that audible feedback and

450

00:21:19,220 --> 00:21:22,909

actually when you're walking into an

451

00:21:21,140 --> 00:21:25,159

anechoic chamber you almost feel like

452

00:21:22,909 --> 00:21:28,190

you're going into sort of a submarine or

453

00:21:25,159 --> 00:21:29,870

something because suddenly it feels like

454

00:21:28,190 --> 00:21:31,730

that the pressure is different although

455

00:21:29,869 --> 00:21:32,049

it's absolutely the same it hasn't

456

00:21:31,730 --> 00:21:33,759

changed

457
00:21:32,049 --> 00:21:37,359
but it's just an illusion because of

458
00:21:33,759 --> 00:21:40,720
your ears anyway so they go through noon

459
00:21:37,359 --> 00:21:44,919
or enormous pains to build you know

460
00:21:40,720 --> 00:21:48,519
places like this and and set up tests to

461
00:21:44,920 --> 00:21:54,670
to give a real-world comparison between

462
00:21:48,519 --> 00:21:56,529
say stereo speakers or or amplifiers and

463
00:21:54,670 --> 00:21:58,570
stuff they don't have any advertising

464
00:21:56,529 --> 00:22:01,629
and so that's what makes it you know

465
00:21:58,569 --> 00:22:04,000
it's purely subscription-based so that's

466
00:22:01,630 --> 00:22:07,780
what makes it trustworthy in the audio

467
00:22:04,000 --> 00:22:11,049
the pro audio world there used to be a

468
00:22:07,779 --> 00:22:15,180
publication that had no ads and I used

469
00:22:11,049 --> 00:22:17,919
to read their reviews all the time but

470
00:22:15,180 --> 00:22:21,180
unfortunately now they have ads and

471
00:22:17,920 --> 00:22:23,620
suddenly and yeah yeah it's just uh

472
00:22:21,180 --> 00:22:26,740
every review is like well this is a

473
00:22:23,619 --> 00:22:28,359
great product you know that's just it's

474
00:22:26,740 --> 00:22:30,759
a little bit like fashion magazines

475
00:22:28,359 --> 00:22:32,379
where oh yes this lipstick is wonderful

476
00:22:30,759 --> 00:22:36,069
and then suddenly there's a full-page ad

477
00:22:32,380 --> 00:22:39,060
for it on the other page and you got Lee

478
00:22:36,069 --> 00:22:42,339
so so there's you know unfortunately

479
00:22:39,059 --> 00:22:47,200
there is no publication that I know of

480
00:22:42,339 --> 00:22:49,839
that is purely objective and and doesn't

481
00:22:47,200 --> 00:22:52,569
accept advertising there are plenty of

482
00:22:49,839 --> 00:22:55,569
online forms but that's just like the

483
00:22:52,569 --> 00:22:58,179
worst place in the world to research

484
00:22:55,569 --> 00:23:00,250
yeah I mean it's just because everybody

485

00:22:58,180 --> 00:23:04,269
in these forms especially in the pro

486
00:23:00,250 --> 00:23:07,900
audio world you know everybody just

487
00:23:04,269 --> 00:23:11,349
really likes to brag about what they

488
00:23:07,900 --> 00:23:15,370
particularly own or they'll only regard

489
00:23:11,349 --> 00:23:18,279
a particular brand yeah you know as

490
00:23:15,369 --> 00:23:20,019
being worth anything and everything else

491
00:23:18,279 --> 00:23:22,930
is crap and everything is made in china

492
00:23:20,019 --> 00:23:25,119
and i can't stand to listen to this

493
00:23:22,930 --> 00:23:29,380
particular product or whatever it is and

494
00:23:25,119 --> 00:23:32,559
it's just it's just fairly useless it is

495
00:23:29,380 --> 00:23:35,680
difficult if you're getting into that

496
00:23:32,559 --> 00:23:38,019
the signal to noise is obese yeah yes

497
00:23:35,680 --> 00:23:40,480
exactly I have one more question which

498
00:23:38,019 --> 00:23:43,450
our CDs really good at replacing LPS

499
00:23:40,480 --> 00:23:45,528

after all well you know when when CDs

500

00:23:43,450 --> 00:23:48,960

first came out

501

00:23:45,528 --> 00:23:52,648

the technology that was used to create

502

00:23:48,960 --> 00:23:55,200

those cds wasn't a mature technology and

503

00:23:52,648 --> 00:23:58,768

everybody complained well some people of

504

00:23:55,200 --> 00:24:01,048

course purists naturally complained that

505

00:23:58,769 --> 00:24:06,628

it just didn't sound anywhere near as

506

00:24:01,048 --> 00:24:10,618

good as LPS or or as good as you know a

507

00:24:06,628 --> 00:24:15,259

30 inch per second half inch tape you

508

00:24:10,618 --> 00:24:18,178

know and and the problem was that the

509

00:24:15,259 --> 00:24:22,200

analog-to-digital converters at that

510

00:24:18,179 --> 00:24:27,119

time weren't very good and since then

511

00:24:22,200 --> 00:24:30,389

well you see the CDs the format of a CD

512

00:24:27,118 --> 00:24:34,528

is a 16-bit word length and a sampling

513

00:24:30,388 --> 00:24:36,178

rate of 44,000 kilohertz now what that

514
00:24:34,528 --> 00:24:38,759
just simply means is that there's a

515
00:24:36,179 --> 00:24:40,919
particular dynamic range to them and

516
00:24:38,759 --> 00:24:44,278
there's a certain frequency response

517
00:24:40,919 --> 00:24:49,259
that it can detect and and it's well

518
00:24:44,278 --> 00:24:51,808
within the range of human hearing but

519
00:24:49,259 --> 00:24:56,278
since the days when CDs first came out

520
00:24:51,808 --> 00:24:58,348
the technology has has has advanced to

521
00:24:56,278 --> 00:25:01,739
the point where today when people are

522
00:24:58,348 --> 00:25:04,918
recording stuff it's done in 24-bit

523
00:25:01,739 --> 00:25:08,249
which has a much wider dynamic range so

524
00:25:04,919 --> 00:25:12,299
the signal is is cleaner it's a longer

525
00:25:08,249 --> 00:25:15,028
word length the things are just even the

526
00:25:12,298 --> 00:25:18,329
the sampling rates have gone up even

527
00:25:15,028 --> 00:25:19,888
though it's beyond human hearing the

528
00:25:18,329 --> 00:25:24,168
things have progressed to the point

529
00:25:19,888 --> 00:25:28,138
where uh it really sounds much better

530
00:25:24,169 --> 00:25:32,839
than when CDs were first introduced i

531
00:25:28,138 --> 00:25:38,189
would say in my opinion a well recorded

532
00:25:32,838 --> 00:25:42,868
you know program will sound will sound

533
00:25:38,190 --> 00:25:47,729
absolutely wonderful as compared with an

534
00:25:42,868 --> 00:25:49,558
LP record or half inch tape is it better

535
00:25:47,729 --> 00:25:54,019
I don't you know to me it's sort of

536
00:25:49,558 --> 00:25:57,450
different I I have not heard the new

537
00:25:54,019 --> 00:25:59,039
sacd the super audio CD format it's a

538
00:25:57,450 --> 00:26:03,960
it's a completely different

539
00:25:59,039 --> 00:26:06,089
format then the then the what they call

540
00:26:03,960 --> 00:26:08,250
the PCM pulse code modulation format

541
00:26:06,089 --> 00:26:11,039
which has been used thus far in the

542

00:26:08,250 --> 00:26:15,079
digital world they use direct stream

543
00:26:11,039 --> 00:26:18,869
digital the Sony format for sacd it's

544
00:26:15,079 --> 00:26:22,199
DSD supposedly people claim that it's

545
00:26:18,869 --> 00:26:26,819
the first format to really sound as good

546
00:26:22,200 --> 00:26:29,039
as analog tape and vinyl I personally

547
00:26:26,819 --> 00:26:30,809
haven't heard it compared with anything

548
00:26:29,039 --> 00:26:33,599
else when when you don't have a

549
00:26:30,809 --> 00:26:37,980
reference point I don't know you know

550
00:26:33,599 --> 00:26:40,740
like I said even even a great Sam you

551
00:26:37,980 --> 00:26:44,130
know mp3 sounds pretty good to the

552
00:26:40,740 --> 00:26:46,109
average person but I think the key is to

553
00:26:44,130 --> 00:26:47,550
be able to compare one to the other and

554
00:26:46,109 --> 00:26:49,919
I haven't had a chance to do that yet

555
00:26:47,549 --> 00:26:55,019
but you know all of this is to say that

556
00:26:49,920 --> 00:26:57,960

in my world I I strive to get the best

557

00:26:55,019 --> 00:27:01,319

possible sound and and I go through

558

00:26:57,960 --> 00:27:03,240

great pains to to to try and accomplish

559

00:27:01,319 --> 00:27:09,809

that and what happens in the end people

560

00:27:03,240 --> 00:27:12,390

rip it to mp3 know so and and it you

561

00:27:09,809 --> 00:27:15,779

know what but I think it's great that a

562

00:27:12,390 --> 00:27:18,060

person can rip a CD and put it on their

563

00:27:15,779 --> 00:27:20,849

ipod I mean I think that's great for the

564

00:27:18,059 --> 00:27:24,599

music industry in general as far as

565

00:27:20,849 --> 00:27:26,159

fidelity well it's unfortunate but you

566

00:27:24,599 --> 00:27:29,159

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

567

00:27:26,160 --> 00:27:33,420

going to give up and and not do the best

568

00:27:29,160 --> 00:27:36,390

that I can do because this is my craft I

569

00:27:33,420 --> 00:27:38,220

take pride in it so you know as well as

570

00:27:36,390 --> 00:27:40,440

you know thousands of other people

571
00:27:38,220 --> 00:27:42,450
around the world they do the same thing

572
00:27:40,440 --> 00:27:45,120
and they they strive to make it the best

573
00:27:42,450 --> 00:27:46,830
that they can be and I'll continue to do

574
00:27:45,119 --> 00:27:48,959
that and if people wish to hear more

575
00:27:46,829 --> 00:27:52,079
about audio technology in your your

576
00:27:48,960 --> 00:27:54,480
efforts to continue to my quest for

577
00:27:52,079 --> 00:27:57,329
perfect audio we can hear it on your

578
00:27:54,480 --> 00:28:01,160
podcast can't we the website is sessions

579
00:27:57,329 --> 00:28:04,799
with slough calm and that's SLA you and

580
00:28:01,160 --> 00:28:06,840
yeah it's a I I try to keep it sort of

581
00:28:04,799 --> 00:28:08,909
general sometimes and I know that I

582
00:28:06,839 --> 00:28:10,980
sometimes get quite geeky but you know

583
00:28:08,910 --> 00:28:12,169
if it gets too geeky for anyone that can

584
00:28:10,980 --> 00:28:14,269
always just delete

585
00:28:12,169 --> 00:28:15,859
that's the beauty of podcasting isn't it

586
00:28:14,269 --> 00:28:18,589
yeah and all they can write in and say

587
00:28:15,858 --> 00:28:20,269
what exactly did you mean here or yes

588
00:28:18,589 --> 00:28:23,118
absolutely could always drop me a line

589
00:28:20,269 --> 00:28:25,159
at UH sessions with slough @ gmail.com

590
00:28:23,118 --> 00:28:27,678
that's an easy one to remember I suppose

591
00:28:25,159 --> 00:28:30,830
and I'm was happy to answer questions

592
00:28:27,679 --> 00:28:33,528
and yet in any way that I can I I I

593
00:28:30,829 --> 00:28:36,439
enjoyed I take a lot of pleasure in that

594
00:28:33,528 --> 00:28:39,769
in just no just answering questions and

595
00:28:36,440 --> 00:28:42,288
giving my my experience my perspective

596
00:28:39,769 --> 00:28:45,528
and I'm not afraid to say I don't know

597
00:28:42,288 --> 00:28:47,898
because sometimes always learning yeah

598
00:28:45,528 --> 00:28:49,069
yeah absolutely absolutely brilliant

599

00:28:47,898 --> 00:28:51,199
thank you so much for this opportunity

600
00:28:49,069 --> 00:28:55,278
to talk to you thank you so much Kylie's

601
00:28:51,200 --> 00:28:57,919
been an absolute pleasure the song used

602
00:28:55,278 --> 00:29:01,788
in this segment is I'm the one from the

603
00:28:57,919 --> 00:29:04,369
album the weight of words in addition to

604
00:29:01,788 --> 00:29:06,200
his podcast sessions with slam you'll be

605
00:29:04,368 --> 00:29:08,959
appearing on podcasting panels at

606
00:29:06,200 --> 00:29:12,489
dragoncon in atlanta next month you can

607
00:29:08,960 --> 00:29:19,009
check out the podcasting track at ww

608
00:29:12,489 --> 00:29:20,869
dragon hyphen pod calm and now a message

609
00:29:19,009 --> 00:29:24,159
from the inside of Richard Saunders

610
00:29:20,868 --> 00:29:24,158
walk-in refrigerator

611
00:29:25,299 --> 00:29:30,680
thank you to everybody who came up to

612
00:29:28,039 --> 00:29:32,329
see me at the amazing meeting and thank

613
00:29:30,680 --> 00:29:34,840

you for those who bought my origami

614

00:29:32,329 --> 00:29:41,240

earrings I've set up a little store at

615

00:29:34,839 --> 00:29:45,069

skeptic zone dot ETS y dot com it all

616

00:29:41,240 --> 00:29:45,069

goes to helping the skeptics own podcast

617

00:29:45,789 --> 00:29:55,190

you're listening to the skeptic zone I'm

618

00:29:48,829 --> 00:29:58,039

Brian Dunning from sceptile com join us

619

00:29:55,190 --> 00:30:00,789

now for drinking skeptically in the

620

00:29:58,039 --> 00:30:00,789

think tank

621

00:30:04,799 --> 00:30:09,029

hello listeners and welcome to the think

622

00:30:06,990 --> 00:30:11,579

tank once again we're at our favorite

623

00:30:09,029 --> 00:30:14,039

Club and before we start our little

624

00:30:11,579 --> 00:30:16,980

chitchat today about things that we've

625

00:30:14,039 --> 00:30:18,720

heard in the last week we want to say

626

00:30:16,980 --> 00:30:20,970

cheers to the health of a listener by

627

00:30:18,720 --> 00:30:24,000

the name of Stephen Montgomery from Utah

628
00:30:20,970 --> 00:30:26,100
who sent us some money for drinks she so

629
00:30:24,000 --> 00:30:29,279
cheers to your health care thank you

630
00:30:26,099 --> 00:30:32,099
cheers and I'd like to welcome our

631
00:30:29,279 --> 00:30:34,649
special guest today we have Joanne venom

632
00:30:32,099 --> 00:30:40,049
ooh hi Joan hi Rachel how are you today

633
00:30:34,650 --> 00:30:43,530
I'm a little bit some whoreson I'm

634
00:30:40,049 --> 00:30:45,359
soldiering on you've had a few colds and

635
00:30:43,529 --> 00:30:48,119
flus recently haven't you have I have a

636
00:30:45,359 --> 00:30:51,329
despite all this time continue with my

637
00:30:48,119 --> 00:30:53,579
medical treatments oh that's I just buy

638
00:30:51,329 --> 00:30:55,109
mine doc by your doctor good Joe good to

639
00:30:53,579 --> 00:30:56,549
see well thanks for coming all the way

640
00:30:55,109 --> 00:30:58,859
from the other side of the bridge to be

641
00:30:56,549 --> 00:31:00,839
with us tonight and I'd also like to say

642
00:30:58,859 --> 00:31:03,419
hello to Diane bestop and hello Diane

643
00:31:00,839 --> 00:31:06,509
how are you Rachel good how are you busy

644
00:31:03,420 --> 00:31:09,539
busy busy with work busy with work

645
00:31:06,509 --> 00:31:12,210
flying and lots of places lots of stuff

646
00:31:09,539 --> 00:31:13,920
to do at the moment we've all got stuff

647
00:31:12,210 --> 00:31:16,890
on at the moment I think heaven wears in

648
00:31:13,920 --> 00:31:20,130
a very busy couple of months for most of

649
00:31:16,890 --> 00:31:21,680
us we've obviously had the vaccination

650
00:31:20,130 --> 00:31:24,150
campaign that we've been dealing with

651
00:31:21,680 --> 00:31:26,100
Australian skeptics and Smith it's been

652
00:31:24,150 --> 00:31:27,540
dealing with some media fallout as a

653
00:31:26,099 --> 00:31:30,839
result of that will not so much fallout

654
00:31:27,539 --> 00:31:32,759
but interest rather and there will be a

655
00:31:30,839 --> 00:31:34,980
couple of new stories coming up in the

656

00:31:32,759 --> 00:31:37,410
next few days in fact on Australian

657
00:31:34,980 --> 00:31:39,120
television so as soon as they go to air

658
00:31:37,410 --> 00:31:41,700
we'll stick them up on youtube so our

659
00:31:39,119 --> 00:31:43,289
international listeners can see what's

660
00:31:41,700 --> 00:31:45,390
continuing to be investigated by the

661
00:31:43,289 --> 00:31:48,480
Australian media which is a good thing

662
00:31:45,390 --> 00:31:50,520
to see responsible scientific journalism

663
00:31:48,480 --> 00:31:52,380
is not something we see that much in

664
00:31:50,519 --> 00:31:54,059
this country or across the world before

665
00:31:52,380 --> 00:31:56,280
that matter any particular channels or

666
00:31:54,059 --> 00:31:58,829
any particular programs yes there will

667
00:31:56,279 --> 00:32:00,809
be a report on the Australian

668
00:31:58,829 --> 00:32:03,299
broadcasting corporation in the next few

669
00:32:00,809 --> 00:32:05,759
days possibly next week so i can't say

670
00:32:03,299 --> 00:32:08,700

too much but um that will be coming up

671

00:32:05,759 --> 00:32:11,039

so keep an eye out for that and of

672

00:32:08,700 --> 00:32:13,319

course there was some a new story in The

673

00:32:11,039 --> 00:32:17,269

Sydney Morning Herald that appeared on

674

00:32:13,319 --> 00:32:19,048

saturday morning in Sydney which was

675

00:32:17,269 --> 00:32:22,288

talking about

676

00:32:19,048 --> 00:32:25,769

complaint that was issued by Ken MacLeod

677

00:32:22,288 --> 00:32:30,329

who is a friend of ours and also a

678

00:32:25,769 --> 00:32:31,980

response from merrill dory and our

679

00:32:30,329 --> 00:32:34,230

president Iran's to give did an

680

00:32:31,980 --> 00:32:36,239

interview for a local radio station in

681

00:32:34,230 --> 00:32:37,739

fact a couple of days ago where Meryl

682

00:32:36,239 --> 00:32:40,739

was interviewed and then Iran was

683

00:32:37,739 --> 00:32:42,509

interviewed and they did a bit of a hack

684

00:32:40,739 --> 00:32:44,730

job on that interview Joe did you hear

685
00:32:42,509 --> 00:32:48,569
that I did hear it it was I thought it

686
00:32:44,730 --> 00:32:51,358
was actually quite badly um didn't

687
00:32:48,569 --> 00:32:53,368
translate very well yeah well it wasn't

688
00:32:51,358 --> 00:32:56,398
very we had the we were lucky to be able

689
00:32:53,368 --> 00:32:57,868
to hear Iran's recording which he made

690
00:32:56,398 --> 00:33:00,028
when he was being interviewed and then

691
00:32:57,868 --> 00:33:02,189
we heard what happened when the editor

692
00:33:00,028 --> 00:33:04,858
or the journalist one edited it all

693
00:33:02,190 --> 00:33:07,019
together and yeah most of the important

694
00:33:04,858 --> 00:33:08,730
points that he made were actually didn't

695
00:33:07,019 --> 00:33:10,649
seem to appear on the final edit did

696
00:33:08,730 --> 00:33:13,230
there it was it was very strangely

697
00:33:10,648 --> 00:33:15,928
attitude of Nam didn't really translate

698
00:33:13,230 --> 00:33:17,548
very well into I think just to let our

699
00:33:15,929 --> 00:33:19,528
international and interstate listeners

700
00:33:17,548 --> 00:33:22,378
know two are they the radio station is

701
00:33:19,528 --> 00:33:24,808
to ser and it's an independent sort of

702
00:33:22,378 --> 00:33:29,398
local radio station funded by donations

703
00:33:24,808 --> 00:33:31,710
and so uni students and yeah it's

704
00:33:29,398 --> 00:33:33,449
volunteers in fact one of our friends

705
00:33:31,710 --> 00:33:35,278
Ian wolf does a very good show called

706
00:33:33,450 --> 00:33:38,190
diffusion radio which is a science based

707
00:33:35,278 --> 00:33:39,569
program but you don't always know what

708
00:33:38,190 --> 00:33:42,090
you're going to get with those kind of

709
00:33:39,569 --> 00:33:43,428
places so I'm yeah anyway that it would

710
00:33:42,089 --> 00:33:45,569
be interesting for people to hear that

711
00:33:43,429 --> 00:33:48,899
all right let's kick off with some news

712
00:33:45,569 --> 00:33:50,579
item shall we now Joe you and I heard

713

00:33:48,898 --> 00:33:53,099
about something today which is to do

714
00:33:50,579 --> 00:33:55,249
with weight loss products in Australia

715
00:33:53,099 --> 00:33:58,138
didn't we yeah no I haven't actually

716
00:33:55,249 --> 00:33:59,548
read any of the newspaper articles that

717
00:33:58,138 --> 00:34:01,108
have been reporting on this but I did

718
00:33:59,548 --> 00:34:03,058
see one of the news reports tonight and

719
00:34:01,108 --> 00:34:05,668
it seems like the the weight loss

720
00:34:03,058 --> 00:34:07,980
industry has decided to finally crack

721
00:34:05,669 --> 00:34:11,838
down on some of these shonky products

722
00:34:07,980 --> 00:34:15,298
that are um promoted within the industry

723
00:34:11,838 --> 00:34:18,628
mmm the large number of chunky products

724
00:34:15,298 --> 00:34:19,858
of rights in the industry so I'm not

725
00:34:18,628 --> 00:34:22,409
quite sure where they're intending on

726
00:34:19,858 --> 00:34:25,019
going with it but it seems to have

727
00:34:22,409 --> 00:34:26,579

finally come to their attention that a

728

00:34:25,019 --> 00:34:28,648

lot of the things that have been

729

00:34:26,579 --> 00:34:30,669

promoted is particularly their time at

730

00:34:28,648 --> 00:34:32,230

fad diets and

731

00:34:30,668 --> 00:34:34,029

done things like that which you know I

732

00:34:32,230 --> 00:34:35,289

don't think it's particularly news to a

733

00:34:34,030 --> 00:34:38,079

lot of people that these things don't

734

00:34:35,289 --> 00:34:39,639

really work but they seem to have so

735

00:34:38,079 --> 00:34:42,010

they decided that they need to crack

736

00:34:39,639 --> 00:34:44,710

down on things well this was actually a

737

00:34:42,010 --> 00:34:46,329

federal government task force which is

738

00:34:44,710 --> 00:34:49,179

called the preventative health task

739

00:34:46,329 --> 00:34:51,309

force and they've called for the weight

740

00:34:49,179 --> 00:34:53,700

loss industry to be regulated in a

741

00:34:51,309 --> 00:34:57,010

report that's going to be handed down

742
00:34:53,699 --> 00:34:58,149
what was handed down last month and the

743
00:34:57,010 --> 00:34:59,710
reason that they're doing this is

744
00:34:58,150 --> 00:35:02,108
because they've of course there's an

745
00:34:59,710 --> 00:35:03,760
obesity epidemic in this country like

746
00:35:02,108 --> 00:35:05,980
there is in many other parts of the

747
00:35:03,760 --> 00:35:08,530
Western world and they see this as a

748
00:35:05,980 --> 00:35:11,289
contributing factor in the sense that

749
00:35:08,530 --> 00:35:12,970
people go on these fad diets that might

750
00:35:11,289 --> 00:35:14,710
last for a few months and they lose

751
00:35:12,969 --> 00:35:17,618
weight because they're not eating

752
00:35:14,710 --> 00:35:20,230
essentially and then once they go off

753
00:35:17,619 --> 00:35:21,700
the diet more often than not statistics

754
00:35:20,230 --> 00:35:25,389
show that they put on the weight they

755
00:35:21,699 --> 00:35:27,759
lost and sometimes even more yeah and so

756
00:35:25,389 --> 00:35:29,858
this is just contributing to the obesity

757
00:35:27,760 --> 00:35:32,309
crisis and which also which then

758
00:35:29,858 --> 00:35:34,420
reflects on the health care budget etc

759
00:35:32,309 --> 00:35:37,150
so the government's decided they're

760
00:35:34,420 --> 00:35:38,588
getting crackdown on these things but a

761
00:35:37,150 --> 00:35:43,480
lot of these products are sold in

762
00:35:38,588 --> 00:35:46,449
pharmacies yes and if not only are they

763
00:35:43,480 --> 00:35:48,789
sold in pharmacies a lot of pharmacies

764
00:35:46,449 --> 00:35:53,189
have gotten onto the bandwagon of you

765
00:35:48,789 --> 00:35:55,900
know making their own products and

766
00:35:53,190 --> 00:35:59,559
promoting them as that particular

767
00:35:55,900 --> 00:36:01,420
pharmacies product and once again it

768
00:35:59,559 --> 00:36:03,760
sort of draws one back to the issue of

769
00:36:01,420 --> 00:36:06,789
where pharmacies lie in their

770

00:36:03,760 --> 00:36:09,790
responsibility for using evidence-based

771
00:36:06,789 --> 00:36:12,308
treatments and interventions and

772
00:36:09,789 --> 00:36:13,659
products and so on so well I think I may

773
00:36:12,309 --> 00:36:16,559
have mentioned this on the think tank

774
00:36:13,659 --> 00:36:20,048
before but there's a consumer watchdog

775
00:36:16,559 --> 00:36:23,859
body in Australia called choice and they

776
00:36:20,048 --> 00:36:27,579
tend to examine consumer products for

777
00:36:23,858 --> 00:36:29,289
efficacy and for they do a whole oh yeah

778
00:36:27,579 --> 00:36:31,390
and quality so they do a whole gamut of

779
00:36:29,289 --> 00:36:34,568
things from washing machines and you

780
00:36:31,389 --> 00:36:37,389
know toasters to things like diets that

781
00:36:34,568 --> 00:36:39,969
you can buy in pharmacies and they did a

782
00:36:37,389 --> 00:36:41,710
study late last year showing that most

783
00:36:39,969 --> 00:36:44,409
of these things that you buy in a in a

784
00:36:41,710 --> 00:36:46,750

pharmacy don't do any have any long

785

00:36:44,409 --> 00:36:48,909

home benefits and I think they cited

786

00:36:46,750 --> 00:36:51,699

they may have and if they didn't they

787

00:36:48,909 --> 00:36:56,889

should have the lemon detox diet which

788

00:36:51,699 --> 00:36:59,679

of course is useless like my supposed to

789

00:36:56,889 --> 00:37:01,269

work detox diets generally well in fact

790

00:36:59,679 --> 00:37:06,339

there was a blog written about this on

791

00:37:01,269 --> 00:37:08,289

the punch yesterday um it's it's a

792

00:37:06,340 --> 00:37:10,120

special kind of powder that has some

793

00:37:08,289 --> 00:37:11,980

sort of peppery stuffing it's sort of

794

00:37:10,119 --> 00:37:15,219

like capsicum powder or paprika powder

795

00:37:11,980 --> 00:37:16,719

and then a lemons sort of stash a and

796

00:37:15,219 --> 00:37:19,079

you just make up this drink so you're

797

00:37:16,719 --> 00:37:22,419

basically drinking peppery lemony water

798

00:37:19,079 --> 00:37:24,400

so you lose weight because you're not

799

00:37:22,420 --> 00:37:27,150

eating any calories well that's right

800

00:37:24,400 --> 00:37:29,260

yeah but it's also supposed to be detox

801

00:37:27,150 --> 00:37:32,650

and of course listeners would know that

802

00:37:29,260 --> 00:37:35,050

I hope so by now that detox diets have

803

00:37:32,650 --> 00:37:37,090

no basis in medicine or science it's

804

00:37:35,050 --> 00:37:39,430

just a fad and you know it's all made up

805

00:37:37,090 --> 00:37:41,050

so but the lemon detox diet is

806

00:37:39,429 --> 00:37:42,819

particularly well known and in fact

807

00:37:41,050 --> 00:37:45,789

there's a shop just down the road from

808

00:37:42,820 --> 00:37:47,140

my work that I walk past every day it's

809

00:37:45,789 --> 00:37:48,460

a health food shop and their front

810

00:37:47,139 --> 00:37:52,569

window at the moment is this beautiful

811

00:37:48,460 --> 00:37:54,280

window display of lemons and nice the

812

00:37:52,570 --> 00:37:56,019

packaging is really attractive in fact

813
00:37:54,280 --> 00:37:57,970
it's this nice white box with this lady

814
00:37:56,019 --> 00:38:00,489
sort of jumping in the air like oh I've

815
00:37:57,969 --> 00:38:02,189
detox I'm feeling so much better and

816
00:38:00,489 --> 00:38:05,709
there's a pile of lemons in the window

817
00:38:02,190 --> 00:38:07,809
but yet choice showed through their

818
00:38:05,710 --> 00:38:09,699
studies that these things don't have any

819
00:38:07,809 --> 00:38:13,929
benefit but one of the things they did

820
00:38:09,699 --> 00:38:15,159
point out in their report was the diets

821
00:38:13,929 --> 00:38:17,859
that you just mentioned that some

822
00:38:15,159 --> 00:38:20,949
pharmacies set up they have these

823
00:38:17,860 --> 00:38:22,380
consultants in there in the pharmacy or

824
00:38:20,949 --> 00:38:25,509
you can go and see and they apparently

825
00:38:22,380 --> 00:38:27,400
designer diets this especially for you

826
00:38:25,510 --> 00:38:31,570
tailored to your weight and your blood

827

00:38:27,400 --> 00:38:33,760
type and that's an atrocious I don't

828
00:38:31,570 --> 00:38:35,620
know if they are I'm in some cases

829
00:38:33,760 --> 00:38:38,350
they're just pharmacy employees who've

830
00:38:35,619 --> 00:38:39,579
done a three hour training course some

831
00:38:38,349 --> 00:38:41,469
have done a little bit more training

832
00:38:39,579 --> 00:38:45,639
than that some of them are homie up

833
00:38:41,469 --> 00:38:48,399
homeopaths not the ones linked to the

834
00:38:45,639 --> 00:38:50,920
pharmacy diet specifically but there are

835
00:38:48,400 --> 00:38:55,059
some that are called nutritionists or

836
00:38:50,920 --> 00:38:56,249
homeopaths who I'm just sell some sort

837
00:38:55,059 --> 00:38:58,690
of definitely not died

838
00:38:56,248 --> 00:39:00,338
not as far as I'm aware there may be

839
00:38:58,690 --> 00:39:03,849
some dietitians but generally though

840
00:39:00,338 --> 00:39:06,759
generally no that's not the the common

841
00:39:03,849 --> 00:39:07,869

person to do this sort of stuff so that

842

00:39:06,759 --> 00:39:09,548

was one of the things that choice was

843

00:39:07,869 --> 00:39:11,289

complaining about was that these people

844

00:39:09,548 --> 00:39:14,949

have had three hours of training in some

845

00:39:11,289 --> 00:39:19,209

cases as little as and so they're not

846

00:39:14,949 --> 00:39:21,399

qualified to be giving advice about diet

847

00:39:19,208 --> 00:39:22,538

and nutrition and I guess that actually

848

00:39:21,400 --> 00:39:23,858

it's interesting because it raises a

849

00:39:22,539 --> 00:39:28,109

point that we were talking about earlier

850

00:39:23,858 --> 00:39:30,670

where someone had asked me yesterday

851

00:39:28,108 --> 00:39:35,528

watch you know whether the term

852

00:39:30,670 --> 00:39:36,999

nutritionist is a it can be applied to

853

00:39:35,528 --> 00:39:39,818

anyone with anyone can call themselves a

854

00:39:36,998 --> 00:39:43,808

nutritionist and I had a look at the the

855

00:39:39,818 --> 00:39:45,458

website of the one of the nutritionists

856
00:39:43,809 --> 00:39:47,559
bodies I don't remember the exact name

857
00:39:45,458 --> 00:39:49,389
in Australia and and they they

858
00:39:47,559 --> 00:39:51,130
recognized that indeed the term

859
00:39:49,389 --> 00:39:52,389
nutritionist has never been regulated

860
00:39:51,130 --> 00:39:54,039
anyone can call themselves a

861
00:39:52,389 --> 00:39:55,629
nutritionist yeah and so they've

862
00:39:54,039 --> 00:39:57,549
recognized that there is a real problem

863
00:39:55,630 --> 00:39:59,410
with people out there calling themselves

864
00:39:57,548 --> 00:40:01,119
nutritionists who are not qualified to

865
00:39:59,409 --> 00:40:04,058
be giving people advice about nutrition

866
00:40:01,119 --> 00:40:06,219
saying God knows why and that there is a

867
00:40:04,059 --> 00:40:09,430
real need to crack down on on that as

868
00:40:06,219 --> 00:40:11,559
well as a dietitian no I think that node

869
00:40:09,429 --> 00:40:13,478
dietitians difficult I think they are

870
00:40:11,559 --> 00:40:16,269
registered fat yeah they are registered

871
00:40:13,478 --> 00:40:18,518
they have a body okay name is

872
00:40:16,268 --> 00:40:19,718
physiotherapist and dentists hmm and I

873
00:40:18,518 --> 00:40:21,808
think the thing is that in the

874
00:40:19,719 --> 00:40:26,548
application a dietitian is someone who

875
00:40:21,809 --> 00:40:28,569
has a clinical roll a nutritionist has a

876
00:40:26,548 --> 00:40:30,940
different role that they'd be seen more

877
00:40:28,568 --> 00:40:32,920
in industry and so on as a dietitian you

878
00:40:30,940 --> 00:40:36,429
would see more for example in a hospital

879
00:40:32,920 --> 00:40:38,528
making clinical decisions about did the

880
00:40:36,429 --> 00:40:40,088
body of or the regulatory body for the

881
00:40:38,528 --> 00:40:42,518
dietitians did they make any comment on

882
00:40:40,088 --> 00:40:45,009
this because they would be oh yes oh no

883
00:40:42,518 --> 00:40:46,868
they back it you mean this decision by

884

00:40:45,009 --> 00:40:48,190
the government to regulate this no

885
00:40:46,869 --> 00:40:50,318
effect in front of me I've got an

886
00:40:48,190 --> 00:40:52,479
article from newscom day you and I quote

887
00:40:50,318 --> 00:40:56,139
the dieticians Association of Australia

888
00:40:52,478 --> 00:40:57,399
is backing the recommendation and that's

889
00:40:56,139 --> 00:40:59,469
I mean it's a good thing for them

890
00:40:57,400 --> 00:41:02,160
because it protects their members and

891
00:40:59,469 --> 00:41:04,958
make sure that you know their their

892
00:41:02,159 --> 00:41:06,368
training is it's going to apply instead

893
00:41:04,958 --> 00:41:07,538
of someone who's hanging up a little

894
00:41:06,369 --> 00:41:09,430
thing on their door saying I'm a

895
00:41:07,539 --> 00:41:10,080
nutritionist I can give you advice you

896
00:41:09,429 --> 00:41:16,719
know

897
00:41:10,079 --> 00:41:18,610
so according to one expert here the only

898
00:41:16,719 --> 00:41:24,519

way to lose weight is to stop eating so

899

00:41:18,610 --> 00:41:30,630

much and do more exercise guys sorry

900

00:41:24,519 --> 00:41:34,989

about that yeah it is apparently so

901

00:41:30,630 --> 00:41:36,190

sorry no no quick fix with my diets so

902

00:41:34,989 --> 00:41:39,929

if you got something else to talk about

903

00:41:36,190 --> 00:41:43,329

their Joe I back on the homeopathy

904

00:41:39,929 --> 00:41:44,739

bandwagon again buddy aunty homeopathy

905

00:41:43,329 --> 00:41:54,150

Pendragon actually starting your

906

00:41:44,739 --> 00:41:56,969

Hanuman's not with us tonight oh yeah

907

00:41:54,150 --> 00:42:04,139

Gina you're drinking waters iron soda

908

00:41:56,969 --> 00:42:04,139

juggle it's gorgeous Samuel Hahnemann

909

00:42:07,949 --> 00:42:13,809

you've just shaken so the UM the the

910

00:42:11,949 --> 00:42:18,309

reason I've been interested in home your

911

00:42:13,809 --> 00:42:20,190

feet this week is where yet is I've been

912

00:42:18,309 --> 00:42:23,889

coming across a lot of things about

913
00:42:20,190 --> 00:42:27,789
homeopathy in India and the reason that

914
00:42:23,889 --> 00:42:30,309
interested me is because I know that in

915
00:42:27,789 --> 00:42:32,320
India and I don't know about what other

916
00:42:30,309 --> 00:42:34,000
countries but I know they didn't know a

917
00:42:32,320 --> 00:42:36,820
lot of countries in Europe homeopathy is

918
00:42:34,000 --> 00:42:41,050
very much accepted as part of mainstream

919
00:42:36,820 --> 00:42:43,330
medicine and when you read news reports

920
00:42:41,050 --> 00:42:47,200
from India about medicine you hear

921
00:42:43,329 --> 00:42:49,989
homeopaths referred to as part of the

922
00:42:47,199 --> 00:42:52,179
mainstream medical body and it's quite a

923
00:42:49,989 --> 00:42:54,219
strange experience to read these

924
00:42:52,179 --> 00:42:56,500
articles and the reason it's been

925
00:42:54,219 --> 00:42:58,929
particularly in the the manor a lot in

926
00:42:56,500 --> 00:43:02,469
the last few weeks is because of swine

927
00:42:58,929 --> 00:43:07,059
flu hmm and the UM the Indian government

928
00:43:02,469 --> 00:43:09,269
is um you know well specifically the

929
00:43:07,059 --> 00:43:13,509
particular I shall I looked at was some

930
00:43:09,269 --> 00:43:15,550
about in an area of India I can't

931
00:43:13,510 --> 00:43:17,500
remember exactly where it was but the

932
00:43:15,550 --> 00:43:21,110
government was funding research into a

933
00:43:17,500 --> 00:43:24,170
homeopathic treatment for the h1n1

934
00:43:21,110 --> 00:43:27,740
a virus and i just found this such a

935
00:43:24,170 --> 00:43:31,159
bizarre thing to read that this is not

936
00:43:27,739 --> 00:43:33,349
just that some random homeopathic

937
00:43:31,159 --> 00:43:36,259
organization is doing this isn't this is

938
00:43:33,349 --> 00:43:39,829
a government-funded local government or

939
00:43:36,260 --> 00:43:41,900
is it federal ah it's a sort of i think

940
00:43:39,829 --> 00:43:43,699
it was sort of almost equivalent of

941

00:43:41,900 --> 00:43:46,220
state I don't I can't remember exactly

942
00:43:43,699 --> 00:43:48,259
where which area of India that was a

943
00:43:46,219 --> 00:43:51,379
province of some yeah bring your

944
00:43:48,260 --> 00:43:52,820
government yeah that's right and in fact

945
00:43:51,380 --> 00:43:54,829
actually I can tell you exactly because

946
00:43:52,820 --> 00:43:57,230
i thought the article yeah listen this

947
00:43:54,829 --> 00:44:02,389
is quite i'm relevant to in for the case

948
00:43:57,230 --> 00:44:05,750
here of the baby girl Sam yeah its own

949
00:44:02,389 --> 00:44:09,259
family case yeah because some Alice's

950
00:44:05,750 --> 00:44:12,170
who don't remember Gloria Sam was nine

951
00:44:09,260 --> 00:44:15,020
months old when she died of malnutrition

952
00:44:12,170 --> 00:44:17,900
and infections because she had severe

953
00:44:15,019 --> 00:44:20,449
eczema and her parents had treated her

954
00:44:17,900 --> 00:44:22,280
with homeopathy despite the fact that

955
00:44:20,449 --> 00:44:24,649

her father was a registered homeopath

956

00:44:22,280 --> 00:44:28,120

but also a registered medical doctor

957

00:44:24,650 --> 00:44:31,519

yeah then that trial has been going on

958

00:44:28,119 --> 00:44:34,190

they were charged with manslaughter and

959

00:44:31,519 --> 00:44:35,780

recently there was another finding in

960

00:44:34,190 --> 00:44:38,570

that case but actually they think they

961

00:44:35,780 --> 00:44:41,690

were talking about the sentencing in the

962

00:44:38,570 --> 00:44:45,680

last couple of weeks and I think that

963

00:44:41,690 --> 00:44:52,220

his his barrister had done had said

964

00:44:45,679 --> 00:44:55,669

recently that that the father's name but

965

00:44:52,219 --> 00:44:57,709

the Thomas Thomas firm that he had

966

00:44:55,670 --> 00:44:58,809

demonstrated that he had learned from

967

00:44:57,710 --> 00:45:02,179

what had happened to his daughter

968

00:44:58,809 --> 00:45:04,519

because his other child who is I think

969

00:45:02,179 --> 00:45:07,429

now three years old according to the

970
00:45:04,519 --> 00:45:11,059
barrister developed similar illnesses

971
00:45:07,429 --> 00:45:12,619
and that initially I think initially I

972
00:45:11,059 --> 00:45:14,840
think it had been treated to homeopathic

973
00:45:12,619 --> 00:45:17,179
Lee but that now it was being treated

974
00:45:14,840 --> 00:45:20,720
with conventional medicine along with

975
00:45:17,179 --> 00:45:25,219
homeopathy and other treatments and I i

976
00:45:20,719 --> 00:45:27,529
just had to sort of walk away from I

977
00:45:25,219 --> 00:45:29,149
remember reading that too and and the

978
00:45:27,530 --> 00:45:30,890
barrister was clutching at straws that

979
00:45:29,150 --> 00:45:33,200
was so small that you can hardly even

980
00:45:30,889 --> 00:45:35,029
imagine they existed i remember one of

981
00:45:33,199 --> 00:45:37,819
his statements was to do with the fact

982
00:45:35,030 --> 00:45:39,980
he said Thomas Sam made a mistake

983
00:45:37,820 --> 00:45:42,530
because of his faith and respect for

984
00:45:39,980 --> 00:45:45,619
homeopathy but he was a qualified doctor

985
00:45:42,530 --> 00:45:47,690
a qualified medical doctor so they are

986
00:45:45,619 --> 00:45:51,710
scampering in the dirt to find something

987
00:45:47,690 --> 00:45:55,909
here absolutely yeah anyway I digress oh

988
00:45:51,710 --> 00:45:57,920
no no never all but yeah it's just it's

989
00:45:55,909 --> 00:46:00,799
quite fascinating we're sort of how this

990
00:45:57,920 --> 00:46:04,190
is being being played out in India the

991
00:46:00,800 --> 00:46:07,430
so the young the particular it was the

992
00:46:04,190 --> 00:46:09,829
Maharashtra government in an area called

993
00:46:07,429 --> 00:46:14,329
Pinal poon I'm not sure how to pronounce

994
00:46:09,829 --> 00:46:16,940
back time so they were looking at they

995
00:46:14,329 --> 00:46:18,739
wanting to be the first to find an

996
00:46:16,940 --> 00:46:22,789
effective alternative medical treatment

997
00:46:18,739 --> 00:46:25,429
for the h1n1 virus hmm and they and

998

00:46:22,789 --> 00:46:28,130
what's really interesting is I've seen

999
00:46:25,429 --> 00:46:30,259
these particular substances mentioned in

1000
00:46:28,130 --> 00:46:32,420
a couple of articles but there are few

1001
00:46:30,260 --> 00:46:34,670
articles where they talk about finding a

1002
00:46:32,420 --> 00:46:36,800
treatment for h1n one who are using

1003
00:46:34,670 --> 00:46:40,250
homeopathic treatments and they all

1004
00:46:36,800 --> 00:46:42,410
refer to different substances as having

1005
00:46:40,250 --> 00:46:44,269
you know being ones that will you know

1006
00:46:42,409 --> 00:46:46,129
will save the day will be the correct

1007
00:46:44,269 --> 00:46:48,320
substance so they talked about two of

1008
00:46:46,130 --> 00:46:52,490
them one was called barren phosphate and

1009
00:46:48,320 --> 00:46:55,190
which which they say increases

1010
00:46:52,489 --> 00:46:57,859
hemoglobin and therefore increases the

1011
00:46:55,190 --> 00:47:00,139
resistance to disease and the other one

1012
00:46:57,860 --> 00:47:02,450

is called Callie muir which strengthens

1013

00:47:00,139 --> 00:47:04,789

cells and enhances their ability to

1014

00:47:02,449 --> 00:47:06,349

fight viruses and I wouldn't know how to

1015

00:47:04,789 --> 00:47:10,250

look at you know what each of these

1016

00:47:06,349 --> 00:47:12,349

substances were and there and this was

1017

00:47:10,250 --> 00:47:17,599

all recommended by a senior homeopath

1018

00:47:12,349 --> 00:47:20,029

called dr. oak inverse phosphate or as

1019

00:47:17,599 --> 00:47:22,190

they call fareham theorem phosphate or

1020

00:47:20,030 --> 00:47:24,410

had a very sort of homeopathic sounding

1021

00:47:22,190 --> 00:47:25,880

name is an inorganic compound which is

1022

00:47:24,409 --> 00:47:27,739

used in garden chemicals but it's also

1023

00:47:25,880 --> 00:47:30,200

added to food supplement as a way of

1024

00:47:27,739 --> 00:47:31,250

adding iron to the diet so I mean you

1025

00:47:30,199 --> 00:47:33,230

know they're of course they're

1026

00:47:31,250 --> 00:47:37,579

legitimate so you know mmm substance is

1027
00:47:33,230 --> 00:47:39,260
used in health care and so on the other

1028
00:47:37,579 --> 00:47:40,719
one and this is what I found rather

1029
00:47:39,260 --> 00:47:43,250
interesting this cali mirror is

1030
00:47:40,719 --> 00:47:46,889
potassium chloride

1031
00:47:43,250 --> 00:47:50,159
with what yeah it's also called Callie

1032
00:47:46,889 --> 00:47:54,838
Muir is an interesting homeopathic name

1033
00:47:50,159 --> 00:47:56,159
for potassium chloride and the thing

1034
00:47:54,838 --> 00:47:57,960
about potassium chloride is that it's

1035
00:47:56,159 --> 00:48:00,449
essentially our in our bodies and it's

1036
00:47:57,960 --> 00:48:03,990
used in medical treatments for treating

1037
00:48:00,449 --> 00:48:05,730
low potassium and to replenish

1038
00:48:03,989 --> 00:48:08,219
electrolytes and you have diarrhea and

1039
00:48:05,730 --> 00:48:09,809
so on but in very high doses it can

1040
00:48:08,219 --> 00:48:11,699
actually cause cardiac arrest yeah

1041
00:48:09,809 --> 00:48:15,570
because of the potassium exactly yeah

1042
00:48:11,699 --> 00:48:19,409
and in homeopathic dilutions you see it

1043
00:48:15,570 --> 00:48:22,380
in you know the see six or 630 dilutions

1044
00:48:19,409 --> 00:48:24,029
crazy crazy homeopathic delusions but

1045
00:48:22,380 --> 00:48:28,829
what I've had a really really strange

1046
00:48:24,030 --> 00:48:34,410
was that one of the herbal cold and flu

1047
00:48:28,829 --> 00:48:37,140
tablets contains 35 milligrams of

1048
00:48:34,409 --> 00:48:39,960
potassium chloride and 20 milligrams of

1049
00:48:37,139 --> 00:48:41,608
ferrous phosphate but what I was trying

1050
00:48:39,960 --> 00:48:47,130
to work out lies and and and so

1051
00:48:41,608 --> 00:48:49,049
homeopathic remedies are sold in the you

1052
00:48:47,130 --> 00:48:51,630
find homeopathic remedies sold alongside

1053
00:48:49,050 --> 00:48:55,170
herbal remedies yeah they all they all

1054
00:48:51,630 --> 00:48:56,640
sort of feed off each other so if this

1055

00:48:55,170 --> 00:48:58,920
particular cold and flu tablet is

1056
00:48:56,639 --> 00:49:01,049
claiming that this high dose of

1057
00:48:58,920 --> 00:49:04,409
potassium chloride and this high dose of

1058
00:49:01,050 --> 00:49:06,510
ferrous phosphate is going to be is

1059
00:49:04,409 --> 00:49:08,279
going to be able to be used for cold and

1060
00:49:06,510 --> 00:49:09,720
flu tablets and yet the homeopath are

1061
00:49:08,280 --> 00:49:12,060
saying that they're exceptional

1062
00:49:09,719 --> 00:49:14,088
dilutions of these substances I got

1063
00:49:12,059 --> 00:49:17,789
which they say have the opposite effect

1064
00:49:14,088 --> 00:49:20,608
mmm how does that in any way make any

1065
00:49:17,789 --> 00:49:21,838
sense shouldn't if the ones using it to

1066
00:49:20,608 --> 00:49:23,429
fight cold the flu but the other ones

1067
00:49:21,838 --> 00:49:24,659
using join your path acknowledge like

1068
00:49:23,429 --> 00:49:27,809
this stage you should know that

1069
00:49:24,659 --> 00:49:32,009

homeopathy doesn't make any sense Co

1070

00:49:27,809 --> 00:49:33,779

you're missing the point of it to a

1071

00:49:32,010 --> 00:49:35,520

ticket a bit of an extreme but it was

1072

00:49:33,780 --> 00:49:38,280

just that I just looked at this and I

1073

00:49:35,519 --> 00:49:40,139

thought this this is just you know you

1074

00:49:38,280 --> 00:49:41,790

can't you know they talk about some of

1075

00:49:40,139 --> 00:49:45,150

these substances which have this

1076

00:49:41,789 --> 00:49:47,639

opposite effect hmm but they're talking

1077

00:49:45,150 --> 00:49:49,889

about the same substance not having it

1078

00:49:47,639 --> 00:49:52,019

just it's not really but avoid it

1079

00:49:49,889 --> 00:49:55,049

because it's made up that's why it

1080

00:49:52,019 --> 00:49:55,380

made up as Steve novella said and I

1081

00:49:55,050 --> 00:49:56,940

think

1082

00:49:55,380 --> 00:49:58,619

latest episode of skeptics guide to the

1083

00:49:56,940 --> 00:50:02,778

universe and he's now created my

1084
00:49:58,619 --> 00:50:07,170
favorite logical fallacy ever it's the

1085
00:50:02,778 --> 00:50:09,298
I've just gone blank it's the making up

1086
00:50:07,170 --> 00:50:15,450
and pulling it out of your ass

1087
00:50:09,298 --> 00:50:17,639
and I just oh I just think you know this

1088
00:50:15,449 --> 00:50:19,348
color stuff is not if you try to draw a

1089
00:50:17,639 --> 00:50:21,659
logical conclusions from the stuff you

1090
00:50:19,349 --> 00:50:23,160
read about monopoly you just end up in a

1091
00:50:21,659 --> 00:50:26,489
screaming heap you know isn't there's no

1092
00:50:23,159 --> 00:50:28,548
logical conclusion to be drawn but it

1093
00:50:26,489 --> 00:50:33,750
you know when you when you see how

1094
00:50:28,548 --> 00:50:36,838
illogical it is and trying to get people

1095
00:50:33,750 --> 00:50:39,719
who are who are bowling into it to

1096
00:50:36,838 --> 00:50:42,750
realize that there is no scientific

1097
00:50:39,719 --> 00:50:44,459
basis to it you know it's that it's a

1098
00:50:42,750 --> 00:50:46,889
kind of thing that that we hope that

1099
00:50:44,460 --> 00:50:51,750
people will actually sing about

1100
00:50:46,889 --> 00:50:53,009
yesterday yeah yeah so um okay I got off

1101
00:50:51,750 --> 00:50:54,568
on a bit of a tangent on that well

1102
00:50:53,009 --> 00:50:56,159
kranes on more crazy stuff from the

1103
00:50:54,568 --> 00:50:58,409
homeopath actually just just there was

1104
00:50:56,159 --> 00:50:59,548
one other little thing in Hanukkah which

1105
00:50:58,409 --> 00:51:01,649
I thought you will find a little bit

1106
00:50:59,548 --> 00:51:04,409
amusing which was that there was a bit

1107
00:51:01,650 --> 00:51:09,000
of an SMS crisis related to homeopathy

1108
00:51:04,409 --> 00:51:12,598
and the and swine flows which SMS christ

1109
00:51:09,000 --> 00:51:15,778
SMS crisis homeopathic medicine SMS

1110
00:51:12,599 --> 00:51:18,480
spread misinformation there was an SMS

1111
00:51:15,778 --> 00:51:21,659
apparently got sent around randomly the

1112

00:51:18,480 --> 00:51:24,449
SU game was in india are telling people

1113
00:51:21,659 --> 00:51:26,940
to take a particular homeopathic remedy

1114
00:51:24,449 --> 00:51:32,278
three times a day for five days as

1115
00:51:26,940 --> 00:51:33,960
prevention for swine flu and apparently

1116
00:51:32,278 --> 00:51:35,579
this created some sort of public panic

1117
00:51:33,960 --> 00:51:39,990
because people were getting this random

1118
00:51:35,579 --> 00:51:43,019
service my gosh it was very strange

1119
00:51:39,989 --> 00:51:45,000
little um a little something that

1120
00:51:43,018 --> 00:51:47,639
happened can they explain what happened

1121
00:51:45,000 --> 00:51:49,018
it was it was just a viral SMS was it

1122
00:51:47,639 --> 00:51:50,818
yeah it's like a chain letter or

1123
00:51:49,018 --> 00:51:52,858
something it was like a viral SMS that

1124
00:51:50,818 --> 00:51:55,318
went around telling able to take a

1125
00:51:52,858 --> 00:52:01,529
jingle homeopath nixle preparation to

1126
00:51:55,318 --> 00:52:03,639

prevent h1n1 right insane

1127

00:52:01,530 --> 00:52:06,030

well we might just finish off by talking

1128

00:52:03,639 --> 00:52:10,059

about something completely different

1129

00:52:06,030 --> 00:52:13,240

ghosties and ufos have you guys heard

1130

00:52:10,059 --> 00:52:15,670

about the sightings in the last week of

1131

00:52:13,239 --> 00:52:18,399

ufos in darwin which is in the north of

1132

00:52:15,670 --> 00:52:21,369

Australia I have an actual in either a

1133

00:52:18,400 --> 00:52:24,250

high service and enlighten us well there

1134

00:52:21,369 --> 00:52:26,859

have been reports of UFOs in the

1135

00:52:24,250 --> 00:52:31,769

Northern Territory quite a lot in the

1136

00:52:26,860 --> 00:52:34,000

last 12 months and just this week a

1137

00:52:31,769 --> 00:52:38,079

gentleman from the Northern Territory by

1138

00:52:34,000 --> 00:52:40,000

the name of our alan ferguson produced a

1139

00:52:38,079 --> 00:52:42,969

video or released a video that he said

1140

00:52:40,000 --> 00:52:44,980

was of UFO activity and he's now

1141
00:52:42,969 --> 00:52:47,589
claiming that tourists will be flocking

1142
00:52:44,980 --> 00:52:49,630
to darwin from around the world because

1143
00:52:47,590 --> 00:52:52,120
he believes that alien activity in the

1144
00:52:49,630 --> 00:52:55,050
skies could rival the wonders of the

1145
00:52:52,119 --> 00:52:58,420
natural world in the Northern Territory

1146
00:52:55,050 --> 00:53:01,690
for example like coolaroo which is ayers

1147
00:52:58,420 --> 00:53:04,389
rock kakadu gorge or kakadu national

1148
00:53:01,690 --> 00:53:05,829
park and the katherine gorge which are

1149
00:53:04,389 --> 00:53:08,920
considered one of the most spectacular

1150
00:53:05,829 --> 00:53:10,299
parts of australia yeah he thinks people

1151
00:53:08,920 --> 00:53:14,380
won't worry about that anymore they'll

1152
00:53:10,300 --> 00:53:16,510
go up to Sandia to the UFOs yeah so um

1153
00:53:14,380 --> 00:53:18,849
he says that after seeing all these

1154
00:53:16,510 --> 00:53:21,040
sightings for years I've said to myself

1155
00:53:18,849 --> 00:53:27,130
we're crazy for not promoting it to the

1156
00:53:21,039 --> 00:53:31,119
rest of the world has refocused Wow yeah

1157
00:53:27,130 --> 00:53:32,980
so um they have they also the Seven

1158
00:53:31,119 --> 00:53:35,559
Network channel seven spoke to a UF

1159
00:53:32,980 --> 00:53:37,449
ologist who said there was a history of

1160
00:53:35,559 --> 00:53:39,699
unexplained sightings in the northern

1161
00:53:37,449 --> 00:53:41,439
territory and he thinks that in the last

1162
00:53:39,699 --> 00:53:43,179
18 months has been unusually high

1163
00:53:41,440 --> 00:53:44,650
activity I'm wondering whether this

1164
00:53:43,179 --> 00:53:50,319
might be because they're a whole lot of

1165
00:53:44,650 --> 00:53:52,450
dehydrated lunatics with three well I

1166
00:53:50,320 --> 00:53:55,559
don't know from any mean to offend any

1167
00:53:52,449 --> 00:53:57,939
listeners that live there ready no no

1168
00:53:55,559 --> 00:54:02,619
i'm thinking more you know British

1169

00:53:57,940 --> 00:54:05,019
British hmm i think it's lola and

1170
00:54:02,619 --> 00:54:07,299
germans in fact yes hello to our German

1171
00:54:05,019 --> 00:54:08,800
friends if you come to the Northern

1172
00:54:07,300 --> 00:54:11,230
Territory don't walk around thinking

1173
00:54:08,800 --> 00:54:12,519
you'll find a town because you won't and

1174
00:54:11,230 --> 00:54:13,590
you'll end up either eaten by a

1175
00:54:12,519 --> 00:54:17,730
crocodile or so

1176
00:54:13,590 --> 00:54:24,450
UFOs yeah running out of water and

1177
00:54:17,730 --> 00:54:26,940
seeing UFOs yeah so am this a northern

1178
00:54:24,449 --> 00:54:29,730
territory MP in fact member of

1179
00:54:26,940 --> 00:54:31,500
parliament by the name of Jerry would he

1180
00:54:29,730 --> 00:54:33,780
told a local paper he had seen UFOs

1181
00:54:31,500 --> 00:54:36,539
flying around in Darwin's rural area and

1182
00:54:33,780 --> 00:54:38,070
he said that there there wasn't even a

1183
00:54:36,539 --> 00:54:39,389

sound or a whisper there was nothing you

1184

00:54:38,070 --> 00:54:41,940

could just see these things moving

1185

00:54:39,389 --> 00:54:44,239

quickly across the sky and he said it

1186

00:54:41,940 --> 00:54:46,230

was like a trail of part of sparks

1187

00:54:44,239 --> 00:54:49,709

similar to when you see a shooting star

1188

00:54:46,230 --> 00:54:52,380

d perhaps it was a shooting star well no

1189

00:54:49,710 --> 00:54:54,840

listen to this joke I quote I am also a

1190

00:54:52,380 --> 00:55:00,570

skeptic but I saw this thing clear as

1191

00:54:54,840 --> 00:55:03,840

day see see ya he's a skeptic but it was

1192

00:55:00,570 --> 00:55:05,910

still there yeah yeah so skeptics we

1193

00:55:03,840 --> 00:55:08,190

never get things wrong we never we are

1194

00:55:05,909 --> 00:55:09,569

no no no no and you know people that

1195

00:55:08,190 --> 00:55:13,409

call themselves skeptic are always

1196

00:55:09,570 --> 00:55:15,360

really escape absolutely so maybe

1197

00:55:13,409 --> 00:55:17,789

Darwinism going to be the next UFO

1198
00:55:15,360 --> 00:55:20,519
hotspot so anyone who's coming to the

1199
00:55:17,789 --> 00:55:23,789
conference in 2010 might like the time

1200
00:55:20,519 --> 00:55:26,670
head Fidel went after Sydney and go and

1201
00:55:23,789 --> 00:55:28,259
sit in the in the outback with no water

1202
00:55:26,670 --> 00:55:30,180
and wait till you start to see things in

1203
00:55:28,260 --> 00:55:32,220
the sky and then you do it actually

1204
00:55:30,179 --> 00:55:36,509
don't know if anyone I think a few of us

1205
00:55:32,219 --> 00:55:39,769
caught Louie throws um look at UFOs on

1206
00:55:36,510 --> 00:55:42,540
the other night oh that was a knife

1207
00:55:39,769 --> 00:55:46,409
anywhere ever if ever we needed another

1208
00:55:42,539 --> 00:55:48,480
one mmm we also have seen there's been

1209
00:55:46,409 --> 00:55:51,379
reports this week of ghosts in our

1210
00:55:48,480 --> 00:55:54,960
parliament house in New South Wales

1211
00:55:51,380 --> 00:55:57,329
apparently there's been the sounds of a

1212
00:55:54,960 --> 00:55:59,329
crying baby then when people go to look

1213
00:55:57,329 --> 00:56:03,509
for the baby they can't find it

1214
00:55:59,329 --> 00:56:05,279
kookaburra Oh miss Australia I had no

1215
00:56:03,510 --> 00:56:08,610
idea what kookaburras what I thought

1216
00:56:05,280 --> 00:56:10,350
they were crying babies did you really I

1217
00:56:08,610 --> 00:56:12,420
came all this crush my husband so they

1218
00:56:10,349 --> 00:56:15,239
were monkeys yes we had monkeys in

1219
00:56:12,420 --> 00:56:17,490
Australia we monkey kookaburras perhaps

1220
00:56:15,239 --> 00:56:19,578
we shouldn't see if we can play a

1221
00:56:17,489 --> 00:56:31,939
kookaburra sound so that out

1222
00:56:19,579 --> 00:56:34,640
oh baby can't find the baby though yes

1223
00:56:31,940 --> 00:56:36,679
on top of this there's been there have

1224
00:56:34,639 --> 00:56:38,509
been reports of people feeling someone

1225
00:56:36,679 --> 00:56:40,759
tapping their shoulder on the back of

1226

00:56:38,509 --> 00:56:42,798
their neck and then turning around and

1227
00:56:40,759 --> 00:56:49,728
there's nothing there and of course the

1228
00:56:42,798 --> 00:56:54,699
traditional somebody just taps me on the

1229
00:56:49,728 --> 00:56:58,548
shoulder jose meter Oh wasn't me honest

1230
00:56:54,699 --> 00:57:01,578
and apparently there's also the typical

1231
00:56:58,548 --> 00:57:03,048
vision of a you know an old man who just

1232
00:57:01,579 --> 00:57:05,839
sort of walked past the corridor or

1233
00:57:03,048 --> 00:57:08,748
something but it is true that parliament

1234
00:57:05,838 --> 00:57:11,288
house is located in an area where

1235
00:57:08,748 --> 00:57:14,509
there's a hospital around the area and

1236
00:57:11,289 --> 00:57:17,150
they used to be a morgue underneath or

1237
00:57:14,509 --> 00:57:19,489
something so that would make sense

1238
00:57:17,150 --> 00:57:22,130
that's probably why Jared ghosties there

1239
00:57:19,489 --> 00:57:24,588
yeah and there was actually some pretty

1240
00:57:22,130 --> 00:57:26,778

funny reporting on this by the media

1241
00:57:24,588 --> 00:57:28,429
saying that the ghosts are not just of

1242
00:57:26,778 --> 00:57:30,108
the old parliamentarians who are still

1243
00:57:28,429 --> 00:57:32,538
hanging around you just don't want to

1244
00:57:30,108 --> 00:57:36,768
leave there are apparently spirits there

1245
00:57:32,539 --> 00:57:40,359
as well oh I actually heard a um mr.

1246
00:57:36,768 --> 00:57:42,919
what what did he call himself 00

1247
00:57:40,358 --> 00:57:44,449
Australia's go to own ghost whisperer oh

1248
00:57:42,920 --> 00:57:47,059
I heard interviewed on the radio

1249
00:57:44,449 --> 00:57:54,440
yesterday and um die annually in please

1250
00:57:47,059 --> 00:57:56,420
because you talk about orbs like I'm so

1251
00:57:54,440 --> 00:58:00,079
much style on Twitter when I take

1252
00:57:56,420 --> 00:58:02,329
pictures I'd love orbs in my picture are

1253
00:58:00,079 --> 00:58:06,829
you get off TI and always tweet is

1254
00:58:02,329 --> 00:58:22,548
beautiful if our listeners would like to

1255
00:58:06,829 --> 00:58:27,349
check out diane's please go she died an

1256
00:58:22,548 --> 00:58:29,289
underscore look good hey AUB's she's

1257
00:58:27,349 --> 00:58:36,340
gone bright red alert

1258
00:58:29,289 --> 00:58:38,440
that's my beautiful orbs as joe said all

1259
00:58:36,340 --> 00:58:43,050
right well we we can play wrap it up on

1260
00:58:38,440 --> 00:58:43,050
that thing we can follow that can we

1261
00:58:43,800 --> 00:58:50,370
thank you Joe better moon thank you for

1262
00:58:46,809 --> 00:58:53,139
talking to us about Diane's or anytime

1263
00:58:50,369 --> 00:58:57,099
ty Ann thank you for joining us on the

1264
00:58:53,139 --> 00:58:58,690
think tank I wonder if a guest for tea

1265
00:58:57,099 --> 00:59:01,779
party five minutes servicing the

1266
00:58:58,690 --> 00:59:04,510
ashfield coinin little recorded Park can

1267
00:59:01,780 --> 00:59:07,120
see Canterbury areas cozy bus will

1268
00:59:04,510 --> 00:59:11,650
depart in five minutes thank you yeah

1269
00:59:07,119 --> 00:59:14,409
well and next time you hear our sisters

1270
00:59:11,650 --> 00:59:17,710
will be back to a normal show with our

1271
00:59:14,409 --> 00:59:21,579
regular members including Richard

1272
00:59:17,710 --> 00:59:23,710
Saunders so when Ellie forgot and

1273
00:59:21,579 --> 00:59:25,630
hopefully we'll have them Dave the happy

1274
00:59:23,710 --> 00:59:28,030
singer and maybe around to give and Joe

1275
00:59:25,630 --> 00:59:31,920
you'll be back one day and Diane will be

1276
00:59:28,030 --> 00:59:31,920
here for excellent cheese

1277
00:59:52,480 --> 00:59:56,349
well thanks for joining me for the

1278
00:59:54,219 --> 00:59:58,959
skeptical zone next week we'll have our

1279
00:59:56,349 --> 01:00:00,608
full show back with dr. Reggie reports a

1280
00:59:58,960 --> 01:00:03,250
grain of salt with Iran's to give and

1281
01:00:00,608 --> 01:00:06,069
our regular think tank and don't forget

1282
01:00:03,250 --> 01:00:08,019
come and see us at Dragon Con in Atlanta

1283

01:00:06,070 --> 01:00:10,539
come and find this will be there at the

1284
01:00:08,019 --> 01:00:15,639
skeptical track until then it's goodbye

1285
01:00:10,539 --> 01:00:17,949
from Richard Saunders you've been

1286
01:00:15,639 --> 01:00:22,480
listening to the skeptical zone visit our

1287
01:00:17,949 --> 01:00:24,969
website at [www.skeptics on TV](http://www.skepticsontv.com) the

1288
01:00:22,480 --> 01:00:27,260
comments contacts and extra video

1289
01:00:24,969 --> 01:00:30,889
reports

1290
01:00:27,260 --> 01:00:30,890
her skin

1291
01:00:45,960 --> 01:00:48,019
you