

1
00:00:05,929 --> 00:00:12,589
welcome to the skeptic zone the podcast

2
00:00:09,119 --> 00:00:16,439
from Australia for science and reason

3
00:00:12,589 --> 00:00:26,099
yuria hosts Richard Saunders and Stefan

4
00:00:16,440 --> 00:00:27,900
psycho Richard good evening good

5
00:00:26,099 --> 00:00:29,760
afternoon good morning all the above

6
00:00:27,899 --> 00:00:31,079
Stefan here we are back in our favorite

7
00:00:29,760 --> 00:00:32,579
club down the end of the street we're

8
00:00:31,079 --> 00:00:34,350
actually here to record a think tank but

9
00:00:32,579 --> 00:00:36,539
I thought let's take the opportunity and

10
00:00:34,350 --> 00:00:38,399
intro the show well I'm shocked that I'm

11
00:00:36,539 --> 00:00:40,109
even here so that the back up here and

12
00:00:38,399 --> 00:00:41,820
killing two birds with one stone is just

13
00:00:40,109 --> 00:00:43,799
a phenomenon for me and it's going to be

14
00:00:41,820 --> 00:00:45,808
here this place is just rocking at the

15
00:00:43,799 --> 00:00:48,479
moment it is the new restaurants full of

16
00:00:45,808 --> 00:00:50,669
people i mean it's it's usually got some

17
00:00:48,479 --> 00:00:52,229
people here but it's i think they've

18
00:00:50,670 --> 00:00:54,448
changed the chef and the chef might be

19
00:00:52,229 --> 00:00:56,189
ivy like another operation going out of

20
00:00:54,448 --> 00:00:57,509
the money laundering or so you know

21
00:00:56,189 --> 00:01:00,089
they've just opened up a gyming you

22
00:00:57,509 --> 00:01:02,070
that's fine restaurant us easier or on

23
00:01:00,090 --> 00:01:04,439
protein shakes they know they even go

24
00:01:02,070 --> 00:01:06,780
from the gym to the restaurant or the

25
00:01:04,438 --> 00:01:08,579
restaurant of the gym all they come to

26
00:01:06,780 --> 00:01:09,989
the restaurant pig out and go home I

27
00:01:08,579 --> 00:01:12,569
just feel more guilty than they would

28
00:01:09,989 --> 00:01:15,298
have otherwise at the 24 hour gym you

29

00:01:12,569 --> 00:01:16,798
can come here in the morning or any

30
00:01:15,299 --> 00:01:19,710
guilt really kicks in what's good to be

31
00:01:16,799 --> 00:01:22,170
here but what episode are we on now 191

32
00:01:19,709 --> 00:01:24,899
that's ridiculous i'm sure i've been

33
00:01:22,170 --> 00:01:26,070
here for at least 190 at know how it was

34
00:01:24,900 --> 00:01:28,228
last time I was here it's been a while

35
00:01:26,069 --> 00:01:30,389
thinking why it's been a while this year

36
00:01:28,228 --> 00:01:32,159
2012 I can see why we're hurtling

37
00:01:30,390 --> 00:01:33,629
towards oblivion because this is almost

38
00:01:32,159 --> 00:01:35,250
over all right now ish it's interesting

39
00:01:33,629 --> 00:01:36,719
you should say hurtling towards oblivion

40
00:01:35,250 --> 00:01:38,400
because you know the world's ending this

41
00:01:36,719 --> 00:01:40,048
year anyway oh that's right but before

42
00:01:38,400 --> 00:01:43,290
it does I've noticed in the last couple

43
00:01:40,049 --> 00:01:45,180

of weeks our listenership has reached by

44

00:01:43,290 --> 00:01:47,579

about twenty-five to thirty percent are

45

00:01:45,180 --> 00:01:49,229

you trying to understand what a lot of

46

00:01:47,578 --> 00:01:51,000

people are downloading on a show they

47

00:01:49,228 --> 00:01:53,069

all want to be saved before the end ah

48

00:01:51,000 --> 00:01:54,450

yeah that's it yeah that's what they

49

00:01:53,069 --> 00:01:56,218

figure there's gonna be a skeptic

50

00:01:54,450 --> 00:01:59,430

rapture or may not thinks it's because

51

00:01:56,218 --> 00:02:01,199

of him I think he's probably she's

52

00:01:59,430 --> 00:02:02,670

probably good a good point there I'm a

53

00:02:01,200 --> 00:02:06,230

new a bit of a talent this is episode

54

00:02:02,670 --> 00:02:07,909

number 191 for the 16th of June

55

00:02:06,230 --> 00:02:10,610

and coming up coming up on today's

56

00:02:07,909 --> 00:02:12,620

episode dr. Ricci goes on a little

57

00:02:10,610 --> 00:02:14,330

adventure to Rhode Island in Sydney

58
00:02:12,620 --> 00:02:17,300
Harbour have you heard of Rhode Island

59
00:02:14,330 --> 00:02:19,100
I'd like this alone Weiland's is Sydney

60
00:02:17,300 --> 00:02:21,770
Harbour ya know what's on Rhode Island

61
00:02:19,099 --> 00:02:24,829
well not too much at the moment but in

62
00:02:21,770 --> 00:02:27,050
the past Louis pastors nib you did some

63
00:02:24,830 --> 00:02:28,460
research there with rabbits right I was

64
00:02:27,050 --> 00:02:30,260
going to say rats because there's a lot

65
00:02:28,460 --> 00:02:32,540
of rats in Sydney and especially on the

66
00:02:30,259 --> 00:02:34,159
islands with rabbits rabbits rabbits oh

67
00:02:32,539 --> 00:02:36,530
that's her laughing in the background

68
00:02:34,159 --> 00:02:39,020
nothing so we're gonna hear all about ok

69
00:02:36,530 --> 00:02:41,210
pastures near view on rhode island in

70
00:02:39,020 --> 00:02:46,969
sydney harbour wow it was a scientific

71
00:02:41,210 --> 00:02:51,080
research i abuse inside out and what

72
00:02:46,969 --> 00:02:53,090
else he got well a good man i met a year

73
00:02:51,080 --> 00:02:54,620
or so ago in california i smoke at his

74
00:02:53,090 --> 00:02:56,659
school oh really he's a high school

75
00:02:54,620 --> 00:02:58,849
teacher at a place called vacaville high

76
00:02:56,659 --> 00:03:00,560
school which is not far out of san

77
00:02:58,849 --> 00:03:02,900
francisco and i spoke their free student

78
00:03:00,560 --> 00:03:05,270
which get really great he's written to

79
00:03:02,900 --> 00:03:08,140
me in a concern because the governor of

80
00:03:05,270 --> 00:03:10,340
california is indicating that

81
00:03:08,139 --> 00:03:13,009
california's high school students need

82
00:03:10,340 --> 00:03:14,569
only do now one year of science to

83
00:03:13,009 --> 00:03:17,509
graduate high school instead of two

84
00:03:14,569 --> 00:03:19,280
really yeah what I thought too wasn't

85
00:03:17,509 --> 00:03:20,989
enough or too isn't enough that's really

86

00:03:19,280 --> 00:03:22,819
it was that one year of science are

87
00:03:20,990 --> 00:03:24,830
weaned idea behind that we need to get a

88
00:03:22,819 --> 00:03:26,449
campaign erin is quite concerned about

89
00:03:24,830 --> 00:03:29,000
this so he has a chat to some of his

90
00:03:26,449 --> 00:03:31,549
teachers colleagues so teachers around

91
00:03:29,000 --> 00:03:33,500
the world will have a special interest

92
00:03:31,550 --> 00:03:37,070
in today's episode of the skipper sorry

93
00:03:33,500 --> 00:03:38,360
your Californian colleagues okay well

94
00:03:37,069 --> 00:03:40,939
that's good and then following that that

95
00:03:38,360 --> 00:03:42,200
and the reason why we're here at the our

96
00:03:40,939 --> 00:03:44,300
favorite club down the other streaking

97
00:03:42,199 --> 00:03:45,889
think tank the thing to be thinking in

98
00:03:44,300 --> 00:03:47,360
the thing tank look I can see them over

99
00:03:45,889 --> 00:03:49,519
there is it they're just polishing away

100
00:03:47,360 --> 00:03:51,200

no I need food Maynard their nose show

101

00:03:49,520 --> 00:03:53,600

Ben amoud operate you they're having a

102

00:03:51,199 --> 00:03:55,969

chat at them are very engaged they seem

103

00:03:53,599 --> 00:03:58,039

very intense may nights got about 14

104

00:03:55,969 --> 00:03:59,359

screens he's got a three iphones couple

105

00:03:58,039 --> 00:04:01,099

that a couple of the moment yeah yeah

106

00:03:59,360 --> 00:04:02,870

he's just east geographies got he's the

107

00:04:01,099 --> 00:04:05,049

Wi-Fi go he's where these are withered

108

00:04:02,870 --> 00:04:07,310

guy he's switched on I think we should

109

00:04:05,050 --> 00:04:08,750

settle back with a drink listen to the

110

00:04:07,310 --> 00:04:10,340

first part of the zone and going back

111

00:04:08,750 --> 00:04:12,110

with it to come back with the the old

112

00:04:10,340 --> 00:04:13,909

think tank we should it is to be be here

113

00:04:12,110 --> 00:04:15,940

Richard let's do it let's do it let's do

114

00:04:13,909 --> 00:04:15,939

it

115
00:04:26,720 --> 00:04:35,910
now it's time for dr. Rachel reports

116
00:04:30,089 --> 00:04:38,969
with dr. Rachel Dunlop and so here I am

117
00:04:35,910 --> 00:04:41,820
on rod Island which is in the middle of

118
00:04:38,970 --> 00:04:44,370
Sydney Harbor almost to the bottom of

119
00:04:41,819 --> 00:04:47,519
the harbor in fact just across from like

120
00:04:44,370 --> 00:04:50,780
art on one side and drew mine on the

121
00:04:47,519 --> 00:04:53,490
other the island is actually quite small

122
00:04:50,779 --> 00:04:56,689
although apparently it's twice as big as

123
00:04:53,490 --> 00:05:01,079
what it was when it was initially used

124
00:04:56,689 --> 00:05:05,939
back in the 1800s and I'm standing

125
00:05:01,079 --> 00:05:09,089
outside the summerhouse the large summer

126
00:05:05,939 --> 00:05:10,288
house which from the outside you can

127
00:05:09,089 --> 00:05:11,758
just look through the windows and it's

128
00:05:10,288 --> 00:05:13,469
got a wooden floors it looks like it

129
00:05:11,759 --> 00:05:16,770
used to be used as a dance hall or

130
00:05:13,470 --> 00:05:19,889
something similar I'm under a giant fig

131
00:05:16,769 --> 00:05:23,490
tree and I'm reading a plaque hear about

132
00:05:19,889 --> 00:05:26,340
the era of recreation that was Rhode

133
00:05:23,490 --> 00:05:28,408
Island so it was first declared a

134
00:05:26,339 --> 00:05:33,709
reserve for recreation in eighteen

135
00:05:28,408 --> 00:05:36,899
seventy nine but by 1888 it was public

136
00:05:33,709 --> 00:05:38,969
recreation was ceased because there was

137
00:05:36,899 --> 00:05:42,060
a biological laboratory built on this

138
00:05:38,970 --> 00:05:44,310
island now it's very curious that many

139
00:05:42,060 --> 00:05:47,430
people who live in Sydney and indeed in

140
00:05:44,310 --> 00:05:49,740
Australia are not aware that this

141
00:05:47,430 --> 00:05:53,009
biological research facility was

142
00:05:49,740 --> 00:05:56,728
actually inhabited by Adrian lawar who

143

00:05:53,009 --> 00:05:59,009
was the nephew of Louis Pasteur now the

144
00:05:56,728 --> 00:06:02,610
wonderful interesting and fascinating

145
00:05:59,009 --> 00:06:04,848
story of why Adrian Lawar came to be in

146
00:06:02,610 --> 00:06:08,098
Sydney and indeed on rod island is

147
00:06:04,848 --> 00:06:11,848
detailed in the book by Stephen Dando

148
00:06:08,098 --> 00:06:14,339
Collins called pastors gambit it's a

149
00:06:11,848 --> 00:06:16,500
fascinating tale I recommend that all

150
00:06:14,339 --> 00:06:19,069
listeners seek it out if they can it

151
00:06:16,500 --> 00:06:21,389
actually won a Queensland literary award

152
00:06:19,069 --> 00:06:24,269
when it was published a few years ago

153
00:06:21,389 --> 00:06:27,240
and you can also find a podcast about

154
00:06:24,269 --> 00:06:28,439
the book with which is an interview with

155
00:06:27,240 --> 00:06:31,139
the author

156
00:06:28,439 --> 00:06:33,360
which was featured on conversations with

157
00:06:31,139 --> 00:06:34,979

richard fidler so if you don't have time

158

00:06:33,360 --> 00:06:37,139

to read the book or you can't dig it up

159

00:06:34,980 --> 00:06:40,050

I recommend you find the podcast it's

160

00:06:37,139 --> 00:06:41,819

fascinating so that's why I've bothered

161

00:06:40,050 --> 00:06:44,879

to come out here today to Rhode Island

162

00:06:41,819 --> 00:06:47,480

in fact anyone can come here it's a

163

00:06:44,879 --> 00:06:50,519

national park and Wildlife Service

164

00:06:47,480 --> 00:06:53,490

National Park you just have to pay a

165

00:06:50,519 --> 00:06:56,459

landing fee which gives you a permit to

166

00:06:53,490 --> 00:06:59,009

come here the only way you can get to

167

00:06:56,459 --> 00:07:01,139

the island is with your own transport so

168

00:06:59,009 --> 00:07:04,680

I actually caught myself a water taxi

169

00:07:01,139 --> 00:07:07,139

here this morning it's a Monday so

170

00:07:04,680 --> 00:07:09,660

there's nobody else here making it a

171

00:07:07,139 --> 00:07:12,419

pretty special place to be right now the

172
00:07:09,660 --> 00:07:14,790
Sun is out it's a beautiful day in

173
00:07:12,420 --> 00:07:19,470
Sydney I'm right in the center of the

174
00:07:14,790 --> 00:07:21,540
harbor and there's nobody here so back

175
00:07:19,470 --> 00:07:27,840
to what this island used to be used for

176
00:07:21,540 --> 00:07:32,490
well as i mentioned in 1879 it was used

177
00:07:27,839 --> 00:07:34,769
for recreation but in 1888 when adrian

178
00:07:32,490 --> 00:07:38,160
lawar came here to do experiments on

179
00:07:34,769 --> 00:07:40,319
chicken cholera which Louis Pasteur had

180
00:07:38,160 --> 00:07:43,230
already demonstrated in France could be

181
00:07:40,319 --> 00:07:45,389
used to kill rabbits now the new south

182
00:07:43,230 --> 00:07:47,550
wales government had put out

183
00:07:45,389 --> 00:07:50,879
advertisements in newspapers all across

184
00:07:47,550 --> 00:07:53,189
the world are seeking a biological

185
00:07:50,879 --> 00:07:59,850
solution to the rabbit plague in

186
00:07:53,189 --> 00:08:01,439
Australia and in the 1800's Henry Parkes

187
00:07:59,850 --> 00:08:03,870
who at the time was the Premier of New

188
00:08:01,439 --> 00:08:06,360
South Wales decided to offer the

189
00:08:03,870 --> 00:08:10,560
princely sum of twenty-five thousand

190
00:08:06,360 --> 00:08:13,379
pounds which roughly converts to about

191
00:08:10,560 --> 00:08:16,290
10 million dollars in today's money as a

192
00:08:13,379 --> 00:08:18,209
prize for the person who could find a

193
00:08:16,290 --> 00:08:20,970
biological solution to the rabbit

194
00:08:18,209 --> 00:08:24,479
problem in New South Wales so of course

195
00:08:20,970 --> 00:08:26,010
Louis Pasteur at the time was looking

196
00:08:24,480 --> 00:08:29,819
for funds to build the Pasteur Institute

197
00:08:26,009 --> 00:08:32,929
in Paris and his wife came across his

198
00:08:29,819 --> 00:08:36,360
advertisement in a Parisian newspaper

199
00:08:32,929 --> 00:08:39,120
and Louie decided immediately to send

200

00:08:36,360 --> 00:08:41,879
his nephew and protege Adrian la loire

201
00:08:39,120 --> 00:08:43,649
out to Australia to

202
00:08:41,879 --> 00:08:45,120
see if he could collect this prize money

203
00:08:43,649 --> 00:08:48,389
which could then be used to build the

204
00:08:45,120 --> 00:08:52,289
Pasteur Institute and so his research

205
00:08:48,389 --> 00:08:54,629
facility which was doing research with

206
00:08:52,289 --> 00:08:58,829
chicken cholera and also later I think

207
00:08:54,629 --> 00:09:01,379
with anthrax vaccine was set up here on

208
00:08:58,830 --> 00:09:03,090
Rhode Island the public go a little bit

209
00:09:01,379 --> 00:09:05,070
annoyed about the fact that the island

210
00:09:03,090 --> 00:09:10,860
was taken away from them to be used for

211
00:09:05,070 --> 00:09:14,640
research so in 1894 it was reverted back

212
00:09:10,860 --> 00:09:18,029
for public recreation and a trust was

213
00:09:14,639 --> 00:09:21,179
appointed to manage the island and the

214
00:09:18,029 --> 00:09:23,339

son of Brett rod now of course this is

215

00:09:21,179 --> 00:09:26,039
called rod Island the reason it's called

216

00:09:23,340 --> 00:09:28,980
rod island is because a man by the name

217

00:09:26,039 --> 00:09:32,610
of Brent rod had paid a deposit on this

218

00:09:28,980 --> 00:09:35,909
place in 1859 and he was the first

219

00:09:32,610 --> 00:09:37,590
chairperson of the trust and within the

220

00:09:35,909 --> 00:09:39,899
first year of the trust managing the

221

00:09:37,590 --> 00:09:41,160
island most of the buildings were

222

00:09:39,899 --> 00:09:43,399
removed so the laboratories

223

00:09:41,159 --> 00:09:44,969
unfortunately were torn down and

224

00:09:43,399 --> 00:09:49,620
improvements were made to accommodate

225

00:09:44,970 --> 00:09:51,240
the public so in fact up to about a

226

00:09:49,620 --> 00:09:55,019
thousand visitors at a time were

227

00:09:51,240 --> 00:09:57,870
received in 1904 and it was the height

228

00:09:55,019 --> 00:10:00,600
of popularity in the 20s and 30s for

229

00:09:57,870 --> 00:10:02,250
picnics and social events including

230

00:10:00,600 --> 00:10:04,460
dances which were held in the hall which

231

00:10:02,250 --> 00:10:07,620
is I'm standing in front of right now

232

00:10:04,460 --> 00:10:10,350
there was also a pool and a changing

233

00:10:07,620 --> 00:10:12,330
room constructed as well as summer

234

00:10:10,350 --> 00:10:15,840
houses and gazebos for picnicking and

235

00:10:12,330 --> 00:10:18,389
I'm standing if I turn 180 degrees to

236

00:10:15,840 --> 00:10:20,580
face towards drummoyne I can see two of

237

00:10:18,389 --> 00:10:24,480
these gazebos one of which I've been

238

00:10:20,580 --> 00:10:27,090
having lunch in indy today which faces

239

00:10:24,480 --> 00:10:35,639
the water and it's um it's a beautiful

240

00:10:27,090 --> 00:10:38,550
place to be so I'm just walking around

241

00:10:35,639 --> 00:10:42,360
now to the other side of the island to

242

00:10:38,549 --> 00:10:45,179
the eastern side to to read some

243
00:10:42,360 --> 00:10:48,889
information about the experimentation

244
00:10:45,179 --> 00:10:48,889
error on Rhode Island

245
00:10:50,840 --> 00:10:55,100
so there's actually a map here on this

246
00:10:52,940 --> 00:10:57,530
plaque that I'm looking at which shows a

247
00:10:55,100 --> 00:11:00,610
plan of Rhode Island and the lab

248
00:10:57,529 --> 00:11:05,839
buildings during the Royal Commission on

249
00:11:00,610 --> 00:11:08,690
rabbit experimentation so this was in

250
00:11:05,840 --> 00:11:12,100
1888 that these labs were built for

251
00:11:08,690 --> 00:11:15,350
Adrian lawar Louis Pasteur as nephew

252
00:11:12,100 --> 00:11:18,950
there were artificial burrows built in

253
00:11:15,350 --> 00:11:20,750
the middle of the island this enclosure

254
00:11:18,950 --> 00:11:23,540
was surrounded and roofed with wire

255
00:11:20,750 --> 00:11:25,539
gauze to keep the rabbits obviously in

256
00:11:23,539 --> 00:11:27,469
and of course a big part of this

257

00:11:25,539 --> 00:11:30,159
experimentation happening on an island

258
00:11:27,470 --> 00:11:32,540
is obviously for quarantine purposes

259
00:11:30,159 --> 00:11:35,419
there was a residence there was a

260
00:11:32,539 --> 00:11:38,659
kitchen a general laboratory with a

261
00:11:35,419 --> 00:11:42,459
microscope room a crematorium a

262
00:11:38,659 --> 00:11:45,799
storeroom disinfecting tanks or drainage

263
00:11:42,460 --> 00:11:49,580
pumps and water tanks and a kitchen and

264
00:11:45,799 --> 00:11:51,199
an avery pastor did well Louis pastors

265
00:11:49,580 --> 00:11:53,389
nephew Adrian lawar did conduct

266
00:11:51,200 --> 00:11:56,750
experiments here using the chicken

267
00:11:53,389 --> 00:11:59,299
cholera however pastor had already done

268
00:11:56,750 --> 00:12:02,379
field trials with chicken cholera in

269
00:11:59,299 --> 00:12:07,279
France before lawar came to Australia

270
00:12:02,379 --> 00:12:08,539
and pastor was very keen to collect the

271
00:12:07,279 --> 00:12:11,120

prize money from the New South Wales

272

00:12:08,539 --> 00:12:12,469

Government and go back to France so he

273

00:12:11,120 --> 00:12:14,990

could get on with building the Pasteur

274

00:12:12,470 --> 00:12:16,820

Institute because unsurprisingly he

275

00:12:14,990 --> 00:12:18,889

wasn't particularly interested in the

276

00:12:16,820 --> 00:12:21,050

Australian issue with rabbits he was

277

00:12:18,889 --> 00:12:23,029

really more concerned about snatching

278

00:12:21,049 --> 00:12:26,419

that money and getting back to Paris to

279

00:12:23,029 --> 00:12:29,419

do what he wanted to do so after a short

280

00:12:26,419 --> 00:12:30,620

time of working on Rhode Island pastor

281

00:12:29,419 --> 00:12:32,449

declared to the New South Wales

282

00:12:30,620 --> 00:12:36,470

Government that he wasn't going to

283

00:12:32,450 --> 00:12:39,020

conduct any further experiments and he

284

00:12:36,470 --> 00:12:40,580

wanted to just take the money and go now

285

00:12:39,019 --> 00:12:42,139

it's also a bit more complicated than

286
00:12:40,580 --> 00:12:43,970
that because it turns out that there was

287
00:12:42,139 --> 00:12:46,759
quite a lot of people that were against

288
00:12:43,970 --> 00:12:48,410
what he was doing primarily because they

289
00:12:46,759 --> 00:12:50,750
had a vested interest in the rabbits

290
00:12:48,409 --> 00:12:53,480
remaining in Australia so this included

291
00:12:50,750 --> 00:12:55,429
people that were fences so making rabbit

292
00:12:53,480 --> 00:12:57,710
fences for money people that were

293
00:12:55,429 --> 00:13:00,289
scalpers so who would catch the rabbits

294
00:12:57,710 --> 00:13:02,330
and then sell their pelts and people

295
00:13:00,289 --> 00:13:04,789
that poisoned the rabbits so if a

296
00:13:02,330 --> 00:13:06,500
biological solution could be

297
00:13:04,789 --> 00:13:08,089
noun to get rid of the plague all these

298
00:13:06,500 --> 00:13:10,250
people would be out of money and out of

299
00:13:08,090 --> 00:13:13,129
a job so they weren't very interested in

300
00:13:10,250 --> 00:13:15,799
this occurring there was also some

301
00:13:13,129 --> 00:13:17,779
political unrest at the time that

302
00:13:15,799 --> 00:13:21,500
eventually resulted in this prize money

303
00:13:17,779 --> 00:13:23,299
not being awarded to anyone however it

304
00:13:21,500 --> 00:13:25,730
also says on this plaque and I don't

305
00:13:23,299 --> 00:13:28,849
recall reading this in Stephen dando

306
00:13:25,730 --> 00:13:30,649
Collins wonderful book but it says that

307
00:13:28,850 --> 00:13:32,750
experiments carried out by the rabbit

308
00:13:30,649 --> 00:13:35,199
Commission revealed that native birds

309
00:13:32,750 --> 00:13:36,919
were also susceptible to the microbe and

310
00:13:35,200 --> 00:13:39,590
therefore the Commission rejected

311
00:13:36,919 --> 00:13:41,599
pastors claim now I guess this doesn't

312
00:13:39,590 --> 00:13:44,300
sound completely outlandish if we are

313
00:13:41,600 --> 00:13:46,730
talking about chicken cholera or you

314

00:13:44,299 --> 00:13:49,329
know if it affects chickens I guess it's

315
00:13:46,730 --> 00:13:52,399
potentially going to affect other birds

316
00:13:49,330 --> 00:13:54,410
and but this rejection it says here this

317
00:13:52,399 --> 00:13:55,819
rejection was a significant decision as

318
00:13:54,409 --> 00:13:57,919
it indicated the professional

319
00:13:55,820 --> 00:14:03,230
development of the Australian scientific

320
00:13:57,919 --> 00:14:05,389
community now apart from this site being

321
00:14:03,230 --> 00:14:07,190
historically very interesting and I

322
00:14:05,389 --> 00:14:10,189
think incredibly important and I think

323
00:14:07,190 --> 00:14:12,770
incredibly underrated interestingly

324
00:14:10,190 --> 00:14:15,500
enough when i caught a water taxi here

325
00:14:12,769 --> 00:14:18,350
this morning I came from circular key

326
00:14:15,500 --> 00:14:20,960
which is the major port for fairies in

327
00:14:18,350 --> 00:14:24,889
Sydney and as we whizzed out towards

328
00:14:20,960 --> 00:14:27,590

here the cab driver whose job it is and

329

00:14:24,889 --> 00:14:30,019

his life it is to ferry people around

330

00:14:27,590 --> 00:14:32,420

the harbour wasn't even sure which

331

00:14:30,019 --> 00:14:36,230

island was Rhode Island and didn't know

332

00:14:32,419 --> 00:14:38,149

the significance of it and also there's

333

00:14:36,230 --> 00:14:39,920

been some sort of lurid activity that's

334

00:14:38,149 --> 00:14:42,370

gone on here as well which i think is

335

00:14:39,919 --> 00:14:45,799

makes the story even more fascinating a

336

00:14:42,370 --> 00:14:49,100

French actress Sarah Bernhardt who

337

00:14:45,799 --> 00:14:51,559

toured Australia in 1891 she became

338

00:14:49,100 --> 00:14:55,190

romantically linked with Adrienne lawar

339

00:14:51,559 --> 00:14:58,399

pastor's nephew and indeed she used this

340

00:14:55,190 --> 00:15:00,980

island as quarantine for her dogs as she

341

00:14:58,399 --> 00:15:03,289

came out here from france by ship and

342

00:15:00,980 --> 00:15:05,570

she wanted to bring her collection of

343
00:15:03,289 --> 00:15:06,949
little lap dogs and of course she

344
00:15:05,570 --> 00:15:09,470
couldn't bring them into Australia

345
00:15:06,950 --> 00:15:11,259
without them being quarantined and so

346
00:15:09,470 --> 00:15:14,180
she organized for them to stay here

347
00:15:11,259 --> 00:15:16,220
whilst they were quarantined for any

348
00:15:14,179 --> 00:15:18,659
infectious disease

349
00:15:16,220 --> 00:15:20,790
and according to this plug during her

350
00:15:18,659 --> 00:15:23,519
stay she visited Rhode Island often and

351
00:15:20,789 --> 00:15:25,679
held picnics for her friends and there

352
00:15:23,519 --> 00:15:27,360
are stories of her escapades including

353
00:15:25,679 --> 00:15:29,279
sarah and other ladies in her group

354
00:15:27,360 --> 00:15:33,720
climbing onto the roof of the house

355
00:15:29,279 --> 00:15:37,169
during a game of hide-and-seek so once

356
00:15:33,720 --> 00:15:39,320
Adrian lawar finished his experiments

357
00:15:37,169 --> 00:15:41,819
here pastor ordered him back to France

358
00:15:39,320 --> 00:15:45,930
the island was then converted back to

359
00:15:41,820 --> 00:15:47,640
recreation in 1894 and now you can hire

360
00:15:45,929 --> 00:15:50,159
it out for private functions for

361
00:15:47,639 --> 00:15:53,669
weddings or for just you can just come

362
00:15:50,159 --> 00:15:56,490
here it's cost me seven dollars to land

363
00:15:53,669 --> 00:15:58,559
here the only issue is actually getting

364
00:15:56,490 --> 00:16:00,840
yourself here considering that you need

365
00:15:58,559 --> 00:16:02,579
to get your own water transport there's

366
00:16:00,840 --> 00:16:05,280
one final thing I want to mention about

367
00:16:02,580 --> 00:16:07,800
the pastor story which i think is really

368
00:16:05,279 --> 00:16:12,269
fascinating and that is the story of

369
00:16:07,799 --> 00:16:15,299
pasteurization now when Adrian lawar was

370
00:16:12,269 --> 00:16:18,120
first sent out to Australia by louis

371

00:16:15,299 --> 00:16:20,159
pasteur as i mentioned pastor wanted him

372
00:16:18,120 --> 00:16:23,700
to get the money and get the hell back

373
00:16:20,159 --> 00:16:25,769
to paris but once he landed in Australia

374
00:16:23,700 --> 00:16:28,170
he realized it was going to be more

375
00:16:25,769 --> 00:16:30,569
complicated than that and he would need

376
00:16:28,169 --> 00:16:34,319
some money in order to live on whilst he

377
00:16:30,570 --> 00:16:37,080
was here so in fact he managed to

378
00:16:34,320 --> 00:16:39,950
convince the Brewers at Victoria Bitter

379
00:16:37,080 --> 00:16:43,470
brewery which is one of our most popular

380
00:16:39,950 --> 00:16:46,710
and highly consumed beers in Australia

381
00:16:43,470 --> 00:16:49,560
otherwise known as VB that they should

382
00:16:46,710 --> 00:16:52,759
learn how to pasteurize their beer now

383
00:16:49,559 --> 00:16:55,469
during this time before sort of

384
00:16:52,759 --> 00:16:57,899
preservation or pasteurization was

385
00:16:55,470 --> 00:17:01,259

introduced it was very difficult to

386

00:16:57,899 --> 00:17:03,059

transport beer across large sections of

387

00:17:01,259 --> 00:17:05,990

Australia being that at such a big

388

00:17:03,059 --> 00:17:10,470

country and so that limited the reach of

389

00:17:05,990 --> 00:17:12,120

Brewers with their beer now vb agreed

390

00:17:10,470 --> 00:17:14,549

for lawar to teach them how to

391

00:17:12,119 --> 00:17:17,129

pasteurize they indeed introduced

392

00:17:14,549 --> 00:17:19,799

pasteurization into the brewery hence

393

00:17:17,130 --> 00:17:21,690

they were able to spread their beer

394

00:17:19,799 --> 00:17:24,269

transport their beer far and wide across

395

00:17:21,690 --> 00:17:26,940

Australia and perhaps this may have

396

00:17:24,269 --> 00:17:29,039

contributed to the fact that vb it's one

397

00:17:26,940 --> 00:17:30,480

of the most popular beers today in

398

00:17:29,039 --> 00:17:33,399

australia

399

00:17:30,480 --> 00:17:35,259

so I'm incredibly pleased to be out here

400
00:17:33,400 --> 00:17:37,030
today on this beautiful island in the

401
00:17:35,259 --> 00:17:39,670
middle of beautiful sydney harbour with

402
00:17:37,029 --> 00:17:42,940
absolutely nobody else around it's a

403
00:17:39,670 --> 00:17:44,710
little piece of history in Sydney which

404
00:17:42,940 --> 00:17:48,190
I think not many people know about I

405
00:17:44,710 --> 00:17:51,100
encourage you to get out here to my

406
00:17:48,190 --> 00:17:53,500
right only sort of 200 meters away as a

407
00:17:51,099 --> 00:17:55,539
rowing club you know if you got yourself

408
00:17:53,500 --> 00:17:57,069
a robot or a kayak you can come over

409
00:17:55,539 --> 00:17:58,450
here as long as you pay your seven

410
00:17:57,069 --> 00:18:00,700
dollars landing fee to the National

411
00:17:58,450 --> 00:18:02,799
Parks and Wildlife Service I think we're

412
00:18:00,700 --> 00:18:05,890
incredibly lucky that this is public

413
00:18:02,799 --> 00:18:08,200
access and not owned by some millionaire

414
00:18:05,890 --> 00:18:09,250
that means we can't get on here and I

415
00:18:08,200 --> 00:18:12,009
think it's a shame that more people

416
00:18:09,250 --> 00:18:14,109
don't know about what happened here and

417
00:18:12,009 --> 00:18:18,160
the importance of the science that went

418
00:18:14,109 --> 00:18:20,109
on here and that's it for now I'm going

419
00:18:18,160 --> 00:18:22,870
back to enjoy the island and to take

420
00:18:20,109 --> 00:18:24,789
some photos this is dr. Richie in the

421
00:18:22,869 --> 00:18:27,419
middle of sydney harbour and I'll talk

422
00:18:24,789 --> 00:18:27,420
to you next time

423
00:18:30,079 --> 00:18:35,699
dr. Rachel Dunlop is one of Australia's

424
00:18:32,910 --> 00:18:37,100
foremost media commentators in matters

425
00:18:35,700 --> 00:18:39,660
concerning so-called alternative

426
00:18:37,099 --> 00:18:43,439
medicine she has appeared on national

427
00:18:39,660 --> 00:18:45,750
radio and national television dr. H E is

428

00:18:43,440 --> 00:18:49,710
available for interviews and you can

429
00:18:45,750 --> 00:19:02,190
contact her at Rachel at skeptic zone

430
00:18:49,710 --> 00:19:04,650
dot TV hi this is kerri papi i am ross

431
00:19:02,190 --> 00:19:08,039
Fletcher okay Ross hey we're from a

432
00:19:04,650 --> 00:19:09,870
podcast called oh no Ross and Carrie we

433
00:19:08,039 --> 00:19:11,609
find out what happens when you show up

434
00:19:09,869 --> 00:19:13,949
and ask questions we've hung out with

435
00:19:11,609 --> 00:19:16,500
the Cabalists the Mormons we've gone and

436
00:19:13,950 --> 00:19:18,960
gotten ear candles gone to the Sikhs we

437
00:19:16,500 --> 00:19:20,579
show up so you don't have to so find out

438
00:19:18,960 --> 00:19:22,680
where we're going next we'll even have

439
00:19:20,579 --> 00:19:25,079
special episodes where we have famous

440
00:19:22,680 --> 00:19:27,090
guests like Brian Dalton from mr. deity

441
00:19:25,079 --> 00:19:29,069
you heard that awesome theme music he

442
00:19:27,089 --> 00:19:33,480

wrote that you should come visit us at

443

00:19:29,069 --> 00:19:36,059

Oh No podcast.com or facebook.com slash

444

00:19:33,480 --> 00:19:40,170

on rack what the hell's honor a cross Oh

445

00:19:36,059 --> 00:19:44,119

in RAC oh oh no Ross and Carrie that's

446

00:19:40,170 --> 00:19:44,120

our show that's a smart come join us

447

00:19:49,740 --> 00:19:54,670

hello skeptic zone listeners this year

448

00:19:52,480 --> 00:19:56,559

fellows own fan and high school biology

449

00:19:54,670 --> 00:19:58,810

and earth science teacher Erin Kelley

450

00:19:56,559 --> 00:20:00,730

Stephens here I'm coming to you from the

451

00:19:58,809 --> 00:20:03,789

beautiful and warm Central Valley town

452

00:20:00,730 --> 00:20:05,410

of Woodland California recently came to

453

00:20:03,789 --> 00:20:07,019

my attention through an email from the

454

00:20:05,410 --> 00:20:09,220

California Science Teachers Association

455

00:20:07,019 --> 00:20:11,079

that the california governor has

456

00:20:09,220 --> 00:20:13,240

proposed to cut the current high school

457
00:20:11,079 --> 00:20:15,339
graduation requirement from the already

458
00:20:13,240 --> 00:20:17,650
meager two years of science to only one

459
00:20:15,339 --> 00:20:19,269
year of science needless to say as a

460
00:20:17,650 --> 00:20:21,759
science teacher i find this proposal

461
00:20:19,269 --> 00:20:23,859
troubling if implemented will this lead

462
00:20:21,759 --> 00:20:26,019
to loss science education positions a

463
00:20:23,859 --> 00:20:28,299
bigger education gap between poor and

464
00:20:26,019 --> 00:20:30,490
wealthy schools less and less California

465
00:20:28,299 --> 00:20:32,859
students qualifying for and going into

466
00:20:30,490 --> 00:20:35,170
science and engineering fields I just

467
00:20:32,859 --> 00:20:36,549
don't know but I'm worried and trying to

468
00:20:35,170 --> 00:20:38,560
bring light to this issue Richard

469
00:20:36,549 --> 00:20:40,889
Saunders has graciously set aside some

470
00:20:38,559 --> 00:20:42,960
time to discuss this on the skeptic zone

471
00:20:40,890 --> 00:20:45,520
recently asked some of my colleagues

472
00:20:42,960 --> 00:20:47,440
what they think about the situation I'd

473
00:20:45,519 --> 00:20:49,450
begin with an informal conversation

474
00:20:47,440 --> 00:20:51,700
between myself and my good friend and

475
00:20:49,450 --> 00:20:54,509
colleague Kevin English followed by a

476
00:20:51,700 --> 00:20:54,509
number of interviews

477
00:20:55,509 --> 00:21:00,079
and what's crazy is with California

478
00:20:58,490 --> 00:21:03,769
being such a hub for science and

479
00:21:00,079 --> 00:21:06,470
technology especially the Bay Area it

480
00:21:03,769 --> 00:21:08,539
seems insane to reduce the amount of

481
00:21:06,470 --> 00:21:10,730
science required by students if we want

482
00:21:08,539 --> 00:21:12,678
to maintain our status as sort of a

483
00:21:10,730 --> 00:21:14,120
leader when it comes to science and

484
00:21:12,679 --> 00:21:15,320
technology we love science and

485

00:21:14,119 --> 00:21:17,058
technology but we're not going to

486
00:21:15,319 --> 00:21:19,039
produce any students that do science

487
00:21:17,058 --> 00:21:21,319
technology won't bring them in from

488
00:21:19,039 --> 00:21:22,909
somewhere else yeah let some other

489
00:21:21,319 --> 00:21:24,470
country deal with them or other some

490
00:21:22,910 --> 00:21:27,110
other state educate them and then we'll

491
00:21:24,470 --> 00:21:29,720
take them in hire a mirror that doesn't

492
00:21:27,109 --> 00:21:31,819
make any sense at all it's not the art

493
00:21:29,720 --> 00:21:33,380
programs throughout the music programs

494
00:21:31,819 --> 00:21:35,808
and you might as well toss science with

495
00:21:33,380 --> 00:21:40,669
it and every kid we produced will be

496
00:21:35,808 --> 00:21:42,889
able to read write and do math I don't

497
00:21:40,669 --> 00:21:45,020
think so I don't think it works that way

498
00:21:42,890 --> 00:21:46,940
you're reading your writing your math is

499
00:21:45,019 --> 00:21:49,668

not going to be as advanced if you don't

500

00:21:46,940 --> 00:21:51,440

have all of the other topics to go along

501

00:21:49,669 --> 00:21:55,040

with it I'm in fact I think music should

502

00:21:51,440 --> 00:21:56,720

be mandatory starting an elementary

503

00:21:55,039 --> 00:21:57,950

school all the way through graduating

504

00:21:56,720 --> 00:21:59,839

high school it should be a part of the

505

00:21:57,950 --> 00:22:02,240

program music and art should be part of

506

00:21:59,839 --> 00:22:04,459

every kid's experience all the way

507

00:22:02,240 --> 00:22:06,019

through high school because that ties in

508

00:22:04,460 --> 00:22:08,509

I mean you just look at all the

509

00:22:06,019 --> 00:22:10,579

statistics kids who play an instrument

510

00:22:08,509 --> 00:22:11,779

do better in math and science and the

511

00:22:10,579 --> 00:22:13,399

English and all their other subjects

512

00:22:11,779 --> 00:22:15,079

yeah kids are going to come out of

513

00:22:13,400 --> 00:22:17,030

school they don't know how to reason and

514
00:22:15,079 --> 00:22:20,629
think critically like you said they

515
00:22:17,029 --> 00:22:22,609
can't take information in reason with it

516
00:22:20,630 --> 00:22:25,070
and come to their own conclusions they

517
00:22:22,609 --> 00:22:26,990
need the conclusions spoon fed to them

518
00:22:25,069 --> 00:22:29,000
right now the way things are done and

519
00:22:26,990 --> 00:22:30,970
take one more your way that's crazy

520
00:22:29,000 --> 00:22:34,160
other thing is I just thought of is that

521
00:22:30,970 --> 00:22:35,750
PE physical education which is really

522
00:22:34,160 --> 00:22:37,308
just kids going on and playing on the

523
00:22:35,750 --> 00:22:39,140
field and doing some different sports

524
00:22:37,308 --> 00:22:41,048
and its physical activity which is great

525
00:22:39,140 --> 00:22:43,520
yeah what is a two-year requirement

526
00:22:41,048 --> 00:22:45,259
science would become less a requirement

527
00:22:43,519 --> 00:22:47,240
to physical education yes we have an

528
00:22:45,259 --> 00:22:49,129
obesity problem in this country but I

529
00:22:47,240 --> 00:22:51,980
don't that obesity problem I think comes

530
00:22:49,130 --> 00:22:54,230
from a much deeper problem yeah and it's

531
00:22:51,980 --> 00:22:55,669
not not getting PE it's not yes not

532
00:22:54,230 --> 00:22:57,829
being addressed by the two years of PE

533
00:22:55,669 --> 00:23:00,590
in high school certainly i mean the the

534
00:22:57,829 --> 00:23:03,710
kids who don't want to participate in PE

535
00:23:00,589 --> 00:23:05,240
they just don't participate my name is

536
00:23:03,710 --> 00:23:07,159
Lloyd Chan I teach it will see with high

537
00:23:05,240 --> 00:23:08,659
school and I've been asked the question

538
00:23:07,159 --> 00:23:10,489
about

539
00:23:08,659 --> 00:23:13,820
reducing the amount of science required

540
00:23:10,489 --> 00:23:16,278
for graduation personally I don't think

541
00:23:13,819 --> 00:23:19,009
it benefits the state because if you

542

00:23:16,278 --> 00:23:22,009
want to maintain some sort of scientific

543
00:23:19,009 --> 00:23:24,378
literacy and a technological base for

544
00:23:22,009 --> 00:23:25,999
the California economy you should be

545
00:23:24,378 --> 00:23:27,648
asking them take more science rather

546
00:23:25,999 --> 00:23:29,778
than less what do you think this will go

547
00:23:27,648 --> 00:23:31,878
through the possibility because it will

548
00:23:29,778 --> 00:23:33,759
save money and say yeah it saves money

549
00:23:31,878 --> 00:23:35,748
it just might make it through them yes

550
00:23:33,759 --> 00:23:37,460
but it will hurt the economy in the long

551
00:23:35,749 --> 00:23:40,249
run because then what will happen is

552
00:23:37,460 --> 00:23:42,979
that we will not have scientifically you

553
00:23:40,249 --> 00:23:44,808
live well aware or literate individuals

554
00:23:42,979 --> 00:23:46,639
which means we will have to import our

555
00:23:44,808 --> 00:23:48,618
talent it seems like we're doing a lot

556
00:23:46,638 --> 00:23:50,658

of that in a state already at the upper

557

00:23:48,618 --> 00:23:54,259

levels in our UC system wouldn't you say

558

00:23:50,659 --> 00:23:57,200

ah they're also in the Silicon Valley

559

00:23:54,259 --> 00:23:59,690

yeah a lot of your top engineers are now

560

00:23:57,200 --> 00:24:02,450

recruited from overseas because we don't

561

00:23:59,690 --> 00:24:03,979

have enough local talent to do it this

562

00:24:02,450 --> 00:24:05,778

happens we may not have any local town

563

00:24:03,979 --> 00:24:08,840

well thank you very much for your

564

00:24:05,778 --> 00:24:10,460

comments I'm Michaela wall and I teach

565

00:24:08,839 --> 00:24:12,528

chemistry although I've also taught

566

00:24:10,460 --> 00:24:14,389

earth science and biology and life

567

00:24:12,528 --> 00:24:16,368

science in high school as far as

568

00:24:14,388 --> 00:24:19,459

reducing the requirements I think it's

569

00:24:16,368 --> 00:24:20,959

terrible idea science is a way for that

570

00:24:19,460 --> 00:24:22,519

we teach our kids how to look at the

571
00:24:20,960 --> 00:24:25,369
world and how to think about problems

572
00:24:22,519 --> 00:24:26,628
it's not just a matter of learning the

573
00:24:25,368 --> 00:24:28,608
science it's actually a matter of

574
00:24:26,628 --> 00:24:31,638
learning how to think about things and

575
00:24:28,608 --> 00:24:33,589
so by reducing it to one year the fact

576
00:24:31,638 --> 00:24:36,769
that they only need one year of common

577
00:24:33,589 --> 00:24:39,228
sense training actually is it's just

578
00:24:36,769 --> 00:24:40,999
it's a horrible horrible idea I mean

579
00:24:39,229 --> 00:24:44,509
they only had to take two years to begin

580
00:24:40,999 --> 00:24:46,519
with and reducing it to one is it's it's

581
00:24:44,509 --> 00:24:49,548
going to do it really big disservice to

582
00:24:46,519 --> 00:24:50,690
a huge number of our students does take

583
00:24:49,548 --> 00:24:54,079
a little training I'm Zack Braun

584
00:24:50,690 --> 00:24:56,590
engineer and possibly future teacher as

585
00:24:54,079 --> 00:24:58,398
a society we just can't continue to

586
00:24:56,589 --> 00:25:00,220
lament the fact that we don't have

587
00:24:58,398 --> 00:25:02,449
enough trained technicians and

588
00:25:00,220 --> 00:25:04,608
specialists essentially in the fields of

589
00:25:02,450 --> 00:25:06,169
science and engineering and we can't

590
00:25:04,608 --> 00:25:09,710
have that attitude and then continue to

591
00:25:06,169 --> 00:25:11,450
can cut back the requirements for high

592
00:25:09,710 --> 00:25:13,159
school level science it's that those

593
00:25:11,450 --> 00:25:15,979
basic building blocks that essentially

594
00:25:13,159 --> 00:25:18,169
lead you to develop that enthusiasm for

595
00:25:15,979 --> 00:25:19,848
technical skills later in life and if

596
00:25:18,169 --> 00:25:21,240
you're not getting that in the formative

597
00:25:19,848 --> 00:25:23,189
years of high school

598
00:25:21,240 --> 00:25:25,140
you kind of put yourself up a creek

599

00:25:23,190 --> 00:25:27,269
without a paddle so we whine about our

600
00:25:25,140 --> 00:25:28,740
poorly trained workforce but then we cut

601
00:25:27,269 --> 00:25:30,000
back their training precisely right at

602
00:25:28,740 --> 00:25:31,710
the time when you need to get kids

603
00:25:30,000 --> 00:25:33,210
interested in science to go and pursue

604
00:25:31,710 --> 00:25:35,640
those technical degrees what they'd be

605
00:25:33,210 --> 00:25:38,850
just trade or you know doctorate level

606
00:25:35,640 --> 00:25:41,190
kind of research it all starts in high

607
00:25:38,849 --> 00:25:43,079
school science classes and if the bare

608
00:25:41,190 --> 00:25:43,980
minimum requirement is well if there's

609
00:25:43,079 --> 00:25:45,689
one thing that we've learned as a

610
00:25:43,980 --> 00:25:48,029
society we're kind of lazy by nature and

611
00:25:45,690 --> 00:25:49,950
we can escape by that bare minimum level

612
00:25:48,029 --> 00:25:51,329
yeah oh yeah no matter how low you set

613
00:25:49,950 --> 00:25:56,430

the bar they're going to limbo under it

614

00:25:51,329 --> 00:26:00,179

right exactly right well thank you very

615

00:25:56,430 --> 00:26:02,190

much well my name is Mike Humphries and

616

00:26:00,180 --> 00:26:04,529

before I start let me give you a little

617

00:26:02,190 --> 00:26:07,350

background where I'm coming from I

618

00:26:04,529 --> 00:26:12,269

graduated from Berkeley out of my degree

619

00:26:07,349 --> 00:26:14,549

in political science I was ROTC guy so I

620

00:26:12,269 --> 00:26:17,789

had eight years of active duty 12 years

621

00:26:14,549 --> 00:26:21,029

of reserves I've taught both elementary

622

00:26:17,789 --> 00:26:23,099

school middle school high school and

623

00:26:21,029 --> 00:26:26,700

college I've taught three years at the

624

00:26:23,099 --> 00:26:28,919

college level and to believe that the

625

00:26:26,700 --> 00:26:32,759

governor of the state of California will

626

00:26:28,920 --> 00:26:36,420

reduce science in the world that we're

627

00:26:32,759 --> 00:26:38,819

living in seems a short-sighted view to

628
00:26:36,420 --> 00:26:40,620
save money the bottom line here is these

629
00:26:38,819 --> 00:26:44,509
kids need this to compete in a global

630
00:26:40,619 --> 00:26:47,759
economy and there is no way that

631
00:26:44,509 --> 00:26:50,759
decreasing science is good for them you

632
00:26:47,759 --> 00:26:53,670
want to expose your students to a vast

633
00:26:50,759 --> 00:26:56,099
variety of cross the curriculum

634
00:26:53,670 --> 00:26:58,080
information so that when they choose

635
00:26:56,099 --> 00:27:00,389
their occupation they're doing it with a

636
00:26:58,079 --> 00:27:02,279
good insight they're not waiting to

637
00:27:00,390 --> 00:27:04,950
college and taking more and more years

638
00:27:02,279 --> 00:27:07,670
to accomplish this we're shooting

639
00:27:04,950 --> 00:27:11,580
ourselves in the foot the bottom line is

640
00:27:07,670 --> 00:27:14,370
we should not be doing this about you

641
00:27:11,579 --> 00:27:16,019
sir oh I med Murphy also on the social

642
00:27:14,369 --> 00:27:18,029
science department that I also have an

643
00:27:16,019 --> 00:27:20,849
interesting background 21 years in the

644
00:27:18,029 --> 00:27:22,289
military got a bachelor's degree couple

645
00:27:20,849 --> 00:27:24,179
of master's degrees and a doctor's

646
00:27:22,289 --> 00:27:25,769
degree and I think it's ridiculous that

647
00:27:24,180 --> 00:27:28,190
we decrease the requirements for science

648
00:27:25,769 --> 00:27:30,180
or any course just to save money because

649
00:27:28,190 --> 00:27:32,039
essentially in the global marketplace

650
00:27:30,180 --> 00:27:33,769
today kids need science we're already

651
00:27:32,039 --> 00:27:36,319
behind the rest of the nation's

652
00:27:33,769 --> 00:27:38,359
around the world how can we compete in

653
00:27:36,319 --> 00:27:40,759
the global economy without having good

654
00:27:38,359 --> 00:27:43,009
standards and two years of sciences my

655
00:27:40,759 --> 00:27:44,329
opinion and requirement yeah as a

656

00:27:43,009 --> 00:27:46,670
science teacher of course I'd like it to

657
00:27:44,329 --> 00:27:49,189
be more but yeah the bare minimum of two

658
00:27:46,670 --> 00:27:51,620
seems at least something I agree with

659
00:27:49,190 --> 00:27:52,910
you a hundred percent so I'm speaking

660
00:27:51,619 --> 00:27:55,069
here with my colleague and good friend

661
00:27:52,910 --> 00:27:56,269
Kevin English who teaches earth science

662
00:27:55,069 --> 00:27:58,099
and next year will be teaching biology

663
00:27:56,269 --> 00:28:00,559
as well what do you think about this

664
00:27:58,099 --> 00:28:03,139
proposal to eliminate one of the two

665
00:28:00,559 --> 00:28:05,690
years of required science to graduate

666
00:28:03,140 --> 00:28:07,370
from California high school I think it's

667
00:28:05,690 --> 00:28:08,900
a step in the complete opposite

668
00:28:07,369 --> 00:28:10,579
direction we should be going instead of

669
00:28:08,900 --> 00:28:12,080
science being a two-year requirement as

670
00:28:10,579 --> 00:28:13,250

it is now I think we should be heading

671

00:28:12,079 --> 00:28:15,259

in the other direction making it at

672

00:28:13,250 --> 00:28:16,730

least a three year requirement I'd love

673

00:28:15,259 --> 00:28:19,009

to see four year requirement but that's

674

00:28:16,730 --> 00:28:21,710

probably not as realistic going to one

675

00:28:19,009 --> 00:28:22,910

year just seems crazy it means our

676

00:28:21,710 --> 00:28:26,059

students coming out of high school are

677

00:28:22,910 --> 00:28:28,009

going to be at a disadvantage trying to

678

00:28:26,059 --> 00:28:29,869

compete for jobs that are in the science

679

00:28:28,009 --> 00:28:32,450

and technology areas which is an area

680

00:28:29,869 --> 00:28:34,219

where we're already struggling so to

681

00:28:32,450 --> 00:28:36,950

suggest although or put all this

682

00:28:34,220 --> 00:28:39,049

emphasis on the math English language

683

00:28:36,950 --> 00:28:43,250

arts and to skip the other subjects like

684

00:28:39,049 --> 00:28:45,680

science social sciences arts music all

685
00:28:43,250 --> 00:28:47,089
of those i think is definitely a step in

686
00:28:45,680 --> 00:28:50,060
the wrong direction our students are

687
00:28:47,089 --> 00:28:52,220
going to be one sided the science

688
00:28:50,059 --> 00:28:54,589
provides an opportunity for these kids

689
00:28:52,220 --> 00:28:56,509
to learn critical thinking they have to

690
00:28:54,589 --> 00:28:58,099
be given problems reason with those

691
00:28:56,509 --> 00:29:02,559
problems and come to their own

692
00:28:58,099 --> 00:29:04,759
conclusions where a lot of subjects

693
00:29:02,559 --> 00:29:06,409
spoon-feed the answers to the kids and

694
00:29:04,759 --> 00:29:08,029
in our science we're really trying to

695
00:29:06,410 --> 00:29:09,529
get kids to think for themselves and

696
00:29:08,029 --> 00:29:12,589
that's an important skill that

697
00:29:09,529 --> 00:29:14,240
translates into everything they do so I

698
00:29:12,589 --> 00:29:16,819
think it'd be fair to say you're against

699
00:29:14,240 --> 00:29:20,630
it absolutely against it right thank you

700
00:29:16,819 --> 00:29:22,939
can hear in the will c wood library

701
00:29:20,630 --> 00:29:25,280
speaking to my good friend Shelly's

702
00:29:22,940 --> 00:29:26,900
librarian and she's going to give her

703
00:29:25,279 --> 00:29:29,809
response to what she thinks about

704
00:29:26,900 --> 00:29:32,980
reducing california's standards from two

705
00:29:29,809 --> 00:29:35,599
years of science to just one year I

706
00:29:32,980 --> 00:29:39,470
don't think that it's the correct thing

707
00:29:35,599 --> 00:29:43,099
to do I think two years of science is a

708
00:29:39,470 --> 00:29:45,740
good base for the kids to start for when

709
00:29:43,099 --> 00:29:47,209
they're going into college or whatever

710
00:29:45,740 --> 00:29:50,058
else they pursue

711
00:29:47,210 --> 00:29:52,329
one year is barely getting the

712
00:29:50,058 --> 00:29:54,678
terminology in the basics down and

713

00:29:52,329 --> 00:29:58,189
depending on which way they go whether

714
00:29:54,679 --> 00:30:02,059
it's biology or chemistry there so

715
00:29:58,190 --> 00:30:04,429
totally different that you need to be

716
00:30:02,058 --> 00:30:06,589
able to touch on more things in the

717
00:30:04,429 --> 00:30:08,990
sciences and that science has a lot to

718
00:30:06,589 --> 00:30:10,668
do with other things in our world and I

719
00:30:08,990 --> 00:30:12,859
think they need more science background

720
00:30:10,669 --> 00:30:14,299
I like your point about the terminology

721
00:30:12,859 --> 00:30:17,979
I hadn't thought of that aspect before

722
00:30:14,298 --> 00:30:20,569
it takes a while to learn though use the

723
00:30:17,980 --> 00:30:22,250
language the way the way you would in

724
00:30:20,569 --> 00:30:24,019
science where you don't use it the same

725
00:30:22,250 --> 00:30:25,308
in everyday language and it takes a

726
00:30:24,019 --> 00:30:27,500
while it takes training you're right

727
00:30:25,308 --> 00:30:29,028

yeah I didn't thought of that yeah yeah

728

00:30:27,500 --> 00:30:31,609

and a lot of it you know then they find

729

00:30:29,028 --> 00:30:33,740

out that it comes from you know that

730

00:30:31,609 --> 00:30:36,519

different routes and things with your

731

00:30:33,740 --> 00:30:38,929

words and stuff you know yeah exactly

732

00:30:36,519 --> 00:30:41,119

you know and they start learning that

733

00:30:38,929 --> 00:30:44,090

and then they understand with other

734

00:30:41,119 --> 00:30:47,298

words to not even in science like $x \ 0 \ x$

735

00:30:44,089 --> 00:30:49,220

+ 2 and things like that so it helps

736

00:30:47,298 --> 00:30:51,019

them to decipher what other words mean

737

00:30:49,220 --> 00:30:53,390

to once they start learning that like

738

00:30:51,019 --> 00:30:55,730

Tara for territory in terrestrial things

739

00:30:53,390 --> 00:30:57,259

of that sort exactly you know so it

740

00:30:55,730 --> 00:30:59,990

helps them with a lot of route you know

741

00:30:57,259 --> 00:31:04,369

root words and stuff too so I think

742
00:30:59,990 --> 00:31:06,409
science is very important and I really

743
00:31:04,369 --> 00:31:08,658
hope that it doesn't come down to where

744
00:31:06,409 --> 00:31:11,179
they only have one year I think more

745
00:31:08,659 --> 00:31:14,240
years is very important thank you very

746
00:31:11,179 --> 00:31:16,038
much so I'm here with my good buddy Tom

747
00:31:14,240 --> 00:31:17,569
dougherty probably the most entertaining

748
00:31:16,038 --> 00:31:19,669
teacher here on campus he teaches our

749
00:31:17,569 --> 00:31:21,500
auto shop and here's what I want to talk

750
00:31:19,669 --> 00:31:23,630
to you about Tom the Governor of

751
00:31:21,500 --> 00:31:25,548
California has proposed to reduce the

752
00:31:23,630 --> 00:31:27,860
requirement for graduation from two

753
00:31:25,548 --> 00:31:29,808
years of science to one year of science

754
00:31:27,859 --> 00:31:36,949
what are your what are your feelings on

755
00:31:29,808 --> 00:31:39,139
this top my feelings on this are that it

756
00:31:36,950 --> 00:31:42,048
would degrade the quality of student

757
00:31:39,140 --> 00:31:43,130
that we have entering the workforce by

758
00:31:42,048 --> 00:31:44,250
the way you can use your own vernacular

759
00:31:43,130 --> 00:31:49,440
if you want

760
00:31:44,250 --> 00:31:51,210
and um and it would make the I think it

761
00:31:49,440 --> 00:31:54,660
would lower the pride in craftsmanship

762
00:31:51,210 --> 00:31:58,590
that students saw that some students

763
00:31:54,660 --> 00:32:00,630
enjoy and I think that the state of

764
00:31:58,589 --> 00:32:03,209
California is pretty much based on

765
00:32:00,630 --> 00:32:06,000
science and technology so I think it

766
00:32:03,210 --> 00:32:07,289
would be going the wrong way on the flip

767
00:32:06,000 --> 00:32:09,329
side of that coin I think that

768
00:32:07,289 --> 00:32:11,970
automotive technology should be a

769
00:32:09,329 --> 00:32:13,769
science I agree i think that should be a

770

00:32:11,970 --> 00:32:16,380
requirement you should be able to find

771
00:32:13,769 --> 00:32:18,960
your gas tank and things less work yeah

772
00:32:16,380 --> 00:32:20,700
well no I think I think automotive

773
00:32:18,960 --> 00:32:23,250
technology should fill a science

774
00:32:20,700 --> 00:32:25,860
requirement not an art requirement they

775
00:32:23,250 --> 00:32:28,349
fulfills an art requirement correct well

776
00:32:25,859 --> 00:32:31,109
that seems quite bizarre I'm learning

777
00:32:28,349 --> 00:32:33,089
all kinds of stuff yet but we should i

778
00:32:31,109 --> 00:32:37,289
don't know maybe paint smiley faces on

779
00:32:33,089 --> 00:32:39,449
the course so no if I had any sway in

780
00:32:37,289 --> 00:32:42,269
this matter I would definitely drive to

781
00:32:39,450 --> 00:32:48,450
the governor's house and give him a

782
00:32:42,269 --> 00:32:50,460
stern talking-to this has been Erin

783
00:32:48,450 --> 00:33:00,480
Kelley Stephens reporting for the

784
00:32:50,460 --> 00:33:02,370

skeptic zone the skeptic magazine the

785

00:33:00,480 --> 00:33:05,339

journal from Australian skeptics

786

00:33:02,369 --> 00:33:09,779

subscribe online to the world's second

787

00:33:05,339 --> 00:33:13,189

oldest skeptical magazine visit w WC apt

788

00:33:09,779 --> 00:33:17,279

kombu and click the publication's link

789

00:33:13,190 --> 00:33:21,299

you can also find their over 30 years of

790

00:33:17,279 --> 00:33:25,789

back issues free to download the skeptic

791

00:33:21,299 --> 00:33:25,789

magazine from Australian skeptics

792

00:33:32,980 --> 00:33:44,200

join us now for drinking skeptically in

793

00:33:36,349 --> 00:33:48,678

the think tank I don't want to go there

794

00:33:44,200 --> 00:33:51,110

was an evil laugh gentlemen I don't do

795

00:33:48,679 --> 00:33:52,970

evil no you don't you're far too sweet

796

00:33:51,109 --> 00:33:55,039

but it's great to see you here in the

797

00:33:52,970 --> 00:33:56,779

think tank along with dr. HC hi dr.

798

00:33:55,039 --> 00:33:59,420

Reggie fresh from your adventure to

799
00:33:56,779 --> 00:34:00,740
Rhode Island yeah I hope mrs. enjoyed

800
00:33:59,420 --> 00:34:02,900
that report I think it's really

801
00:34:00,740 --> 00:34:04,940
fascinating place and so few people know

802
00:34:02,900 --> 00:34:08,179
about it so people should go there and

803
00:34:04,940 --> 00:34:10,220
just enjoy it Rhode Island folks Maynard

804
00:34:08,179 --> 00:34:12,440
may not with your multiple computers

805
00:34:10,219 --> 00:34:15,519
yeah how's this for a bit of a bit of an

806
00:34:12,440 --> 00:34:15,519
action sting to get the show going

807
00:34:19,659 --> 00:34:29,409
Radio how's that hey that's exciting its

808
00:34:27,789 --> 00:34:31,899
mate that's made your pants sit up and

809
00:34:29,409 --> 00:34:34,148
take notice it has may not the walking

810
00:34:31,898 --> 00:34:36,219
sound effects and an interesting clips

811
00:34:34,148 --> 00:34:40,199
man that's right if you can't do it get

812
00:34:36,219 --> 00:34:42,939
in effect I always say it's good to see

813
00:34:40,199 --> 00:34:45,449
Stephens like a hi Stefan are that that

814
00:34:42,940 --> 00:34:48,099
clip just made me wet my pants and I'm

815
00:34:45,449 --> 00:34:52,029
fresh from 40 minutes ago just doing an

816
00:34:48,099 --> 00:34:55,568
intro was it was awesome thank you for

817
00:34:52,030 --> 00:34:58,240
the tank as well well what a week it's

818
00:34:55,568 --> 00:35:01,529
been will swing over here to dr. AG

819
00:34:58,239 --> 00:35:04,659
who's studying her iPad with greater in

820
00:35:01,530 --> 00:35:08,170
intensity dr. Reggie what do you have

821
00:35:04,659 --> 00:35:11,139
for us in the think tank this week so

822
00:35:08,170 --> 00:35:14,318
there's been some developments recently

823
00:35:11,139 --> 00:35:16,828
with respect to a anti-vaccine in this

824
00:35:14,318 --> 00:35:20,949
country who's not Meryl dory this time

825
00:35:16,829 --> 00:35:23,220
she's I guess Meryl dory in waiting as

826
00:35:20,949 --> 00:35:26,679
some people seem to call her earlier

827

00:35:23,219 --> 00:35:29,649
well that's what some people say she's

828
00:35:26,679 --> 00:35:32,558
actually doing a PhD at a university

829
00:35:29,650 --> 00:35:35,230
here in Australia which she's been doing

830
00:35:32,559 --> 00:35:37,210
for now I think about eight years her

831
00:35:35,230 --> 00:35:38,650
name's Judy Wiley minh and she's

832
00:35:37,210 --> 00:35:42,068
previously worked as a science teacher

833
00:35:38,650 --> 00:35:43,869
for 20 years then did a masters of I

834
00:35:42,068 --> 00:35:47,769
think public health or environmental

835
00:35:43,869 --> 00:35:53,470
health and she famously worked under

836
00:35:47,769 --> 00:35:57,250
Peter Dingle in wa now listeners might

837
00:35:53,469 --> 00:36:00,818
recall dr. Peter Dingle he has a PhD in

838
00:35:57,250 --> 00:36:03,429
environmental toxicology I think and he

839
00:36:00,818 --> 00:36:06,219
became well known to people because his

840
00:36:03,429 --> 00:36:09,548
wife died of colon cancer untreated

841
00:36:06,219 --> 00:36:12,759

colon cancer because she was treated by

842

00:36:09,548 --> 00:36:14,528

a homeopath now that was a huge case in

843

00:36:12,760 --> 00:36:16,660

Australia because it went to the coroner

844

00:36:14,528 --> 00:36:18,760

and we've talked about the coroner's

845

00:36:16,659 --> 00:36:21,308

report before and how awful that was I

846

00:36:18,760 --> 00:36:24,970

mean Joe can attest to how awful that

847

00:36:21,309 --> 00:36:26,769

was and so Judy who was being supervised

848

00:36:24,969 --> 00:36:28,239

by him for her PhD moved to the

849

00:36:26,769 --> 00:36:29,420

University of Wollongong which is in

850

00:36:28,239 --> 00:36:32,429

Australia

851

00:36:29,420 --> 00:36:34,710

anyway recently she made some statements

852

00:36:32,429 --> 00:36:36,569

in a letter she wrote to the

853

00:36:34,710 --> 00:36:40,110

commissioner for human rights in

854

00:36:36,570 --> 00:36:43,470

australia now judy has a habit of

855

00:36:40,110 --> 00:36:45,990

writing long letters to people when she

856
00:36:43,469 --> 00:36:48,449
doesn't like what they say or writing

857
00:36:45,989 --> 00:36:50,509
them to whoever she thinks as an

858
00:36:48,449 --> 00:36:52,589
authority that can get something done

859
00:36:50,510 --> 00:36:53,850
she wrote to the departure the

860
00:36:52,590 --> 00:36:55,289
commissioner for human rights in

861
00:36:53,849 --> 00:36:57,750
Australia saying it's the human rights

862
00:36:55,289 --> 00:36:59,219
of parents to not have to vaccinate

863
00:36:57,750 --> 00:37:01,079
their children lauded out of that you

864
00:36:59,219 --> 00:37:03,839
know the sort of canals were used to

865
00:37:01,079 --> 00:37:07,440
from the anti-vaxxers but one thing that

866
00:37:03,840 --> 00:37:10,050
she particularly said which made a few

867
00:37:07,440 --> 00:37:12,570
of us pretty upset and angry was she

868
00:37:10,050 --> 00:37:15,570
inferred that the McCaffrey's the

869
00:37:12,570 --> 00:37:17,730
parents whose child passed away from

870
00:37:15,570 --> 00:37:21,480
pertussis about four years ago were

871
00:37:17,730 --> 00:37:23,400
shields of either big farmer or

872
00:37:21,480 --> 00:37:26,400
Australian skeptics that's that's

873
00:37:23,400 --> 00:37:28,920
something that really is that a yeah

874
00:37:26,400 --> 00:37:31,110
Australian skeptics have been Stefan

875
00:37:28,920 --> 00:37:33,150
just filled briefly Australian skeptics

876
00:37:31,110 --> 00:37:35,400
have been accused of basically paying

877
00:37:33,150 --> 00:37:39,720
off people to promote big pharma he

878
00:37:35,400 --> 00:37:42,900
finally we had the money now this wasn't

879
00:37:39,719 --> 00:37:45,389
a sort of probably a 700 word plus

880
00:37:42,900 --> 00:37:49,320
letter it was a very very start of it

881
00:37:45,389 --> 00:37:51,900
but it was pretty pretty nasty and it in

882
00:37:49,320 --> 00:37:54,500
fact resulted in David McCaffrey having

883
00:37:51,900 --> 00:37:58,410
to once again write a public statement

884

00:37:54,500 --> 00:38:00,300
saying please leave our family alone you

885
00:37:58,409 --> 00:38:01,889
can have your soap boxes you can have

886
00:38:00,300 --> 00:38:04,440
your lobby groups do whatever the hell

887
00:38:01,889 --> 00:38:09,319
you like but stop harassing my family in

888
00:38:04,440 --> 00:38:12,630
the public eye anyway this then became

889
00:38:09,320 --> 00:38:15,600
escalated by an academic who's also at

890
00:38:12,630 --> 00:38:18,300
the same University who decided to take

891
00:38:15,599 --> 00:38:19,829
it further because the university didn't

892
00:38:18,300 --> 00:38:22,500
seem particularly interested in fact

893
00:38:19,829 --> 00:38:25,139
they issued a statement basically saying

894
00:38:22,500 --> 00:38:27,090
that whatever Judy Wiley man says is her

895
00:38:25,139 --> 00:38:29,159
own views academic freedom rah rah rah

896
00:38:27,090 --> 00:38:31,710
and you know it's not the views of the

897
00:38:29,159 --> 00:38:34,679
uni now it might have stopped there

898
00:38:31,710 --> 00:38:35,480

except that a journalist for the local

899

00:38:34,679 --> 00:38:38,089
paper in

900

00:38:35,480 --> 00:38:41,059
area picked it up and it ended up being

901

00:38:38,090 --> 00:38:44,990
front-page news on monday the the

902

00:38:41,059 --> 00:38:47,000
Illawarra mercury and if people how can

903

00:38:44,989 --> 00:38:48,949
people i get a look at that front page

904

00:38:47,000 --> 00:38:51,500
dr. hu i know was doing around and

905

00:38:48,949 --> 00:38:54,409
twisted on the stop the avian page right

906

00:38:51,500 --> 00:38:57,199
on facebook so the front page i think

907

00:38:54,409 --> 00:38:59,899
said whooping cough trail over uow

908

00:38:57,199 --> 00:39:02,239
researcher and then inside there was a

909

00:38:59,900 --> 00:39:05,900
double-page spread with the headline

910

00:39:02,239 --> 00:39:08,329
grieving parents lam research on and

911

00:39:05,900 --> 00:39:10,220
there was a story about how Judy had

912

00:39:08,329 --> 00:39:12,409
written this letter and there were

913
00:39:10,219 --> 00:39:13,969
excerpts from what David McCaffrey then

914
00:39:12,409 --> 00:39:17,809
wrote on Facebook saying leave us alone

915
00:39:13,969 --> 00:39:20,389
oh no disaster isn't it pretty much yeah

916
00:39:17,809 --> 00:39:23,299
and there were also comments from the

917
00:39:20,389 --> 00:39:25,489
senior academic at uow who decided to

918
00:39:23,300 --> 00:39:28,310
escalate it saying because in fact he

919
00:39:25,489 --> 00:39:29,989
took it to the ethics people at uow and

920
00:39:28,309 --> 00:39:34,340
they so look it's nothing to do with us

921
00:39:29,989 --> 00:39:36,769
because she's not she hasn't applied for

922
00:39:34,340 --> 00:39:38,600
ethics for her project therefore we

923
00:39:36,769 --> 00:39:40,880
can't do anything it's out of our hands

924
00:39:38,599 --> 00:39:43,279
sort of thing and he said well that's

925
00:39:40,880 --> 00:39:45,500
not good enough because the ethics of

926
00:39:43,280 --> 00:39:47,450
her behavior I mean the the other senior

927
00:39:45,500 --> 00:39:49,159
researcher then went to other departments of

928
00:39:47,449 --> 00:39:52,069
the Uni to say look no you guys you've

929
00:39:49,159 --> 00:39:54,139
got to do something about this so there

930
00:39:52,070 --> 00:39:55,400
were there was front-page news and then

931
00:39:54,139 --> 00:39:57,279
there was a double-page spread and the

932
00:39:55,400 --> 00:40:00,858
following day there was an article

933
00:39:57,280 --> 00:40:03,350
interviewing a local GP saying that the

934
00:40:00,858 --> 00:40:05,449
anti-vaccine message is wrong and saying

935
00:40:03,349 --> 00:40:08,569
you know whooping cough vaccination is

936
00:40:05,449 --> 00:40:11,960
very important so she got slammed so to

937
00:40:08,570 --> 00:40:14,960
say today oh yes what I haven't seen the

938
00:40:11,960 --> 00:40:17,389
latest please tell me in stop digging a

939
00:40:14,960 --> 00:40:19,340
hole of you know take your foot you know

940
00:40:17,389 --> 00:40:20,989
how we say that some people only open

941

00:40:19,340 --> 00:40:23,030
their mouth to change their feet yes sir

942
00:40:20,989 --> 00:40:26,929
right so today

943
00:40:23,030 --> 00:40:30,769
she wrote an open letter to the dean of

944
00:40:26,929 --> 00:40:34,099
research at uow but she sent it to the

945
00:40:30,769 --> 00:40:36,380
Illawarra mercury ah as you do and said

946
00:40:34,099 --> 00:40:38,809
this is an official complaint against

947
00:40:36,380 --> 00:40:40,940
his other academic at the university who

948
00:40:38,809 --> 00:40:43,429
said these things about me sent it to

949
00:40:40,940 --> 00:40:46,309
the newspaper so of course the

950
00:40:43,429 --> 00:40:48,049
journalist sent to me to ask for comment

951
00:40:46,309 --> 00:40:52,159
but and the reason they asked me to

952
00:40:48,050 --> 00:40:54,200
comment is because I don't know if you

953
00:40:52,159 --> 00:40:56,089
remember that we had a complaint made

954
00:40:54,199 --> 00:40:58,189
against us Australian skeptics that is a

955
00:40:56,090 --> 00:41:00,769

number of years ago by a chiropractor by

956

00:40:58,190 --> 00:41:03,019

the name of Joey rano number Vizier yes

957

00:41:00,769 --> 00:41:05,030

you know if if people want to read the

958

00:41:03,019 --> 00:41:07,579

epic takedown of that please google

959

00:41:05,030 --> 00:41:09,800

Australian skeptics Joey rano where Iran

960

00:41:07,579 --> 00:41:11,480

did a beautiful evisceration of this

961

00:41:09,800 --> 00:41:13,610

guy's complaint and it was thrown out of

962

00:41:11,480 --> 00:41:16,909

the H trouble scene and laughed at by

963

00:41:13,610 --> 00:41:20,720

everybody this apparent official

964

00:41:16,909 --> 00:41:22,489

complaint is on a par with that it

965

00:41:20,719 --> 00:41:24,219

starts off saying I want to make an

966

00:41:22,489 --> 00:41:26,239

official complaint and then it says

967

00:41:24,219 --> 00:41:29,119

skeptics have been mean to me on the

968

00:41:26,239 --> 00:41:31,129

internets and my google machines found

969

00:41:29,119 --> 00:41:34,849

found that they called me mean names and

970
00:41:31,130 --> 00:41:37,820
I think and I think that they're being

971
00:41:34,849 --> 00:41:40,639
paid by somebody and let me just read

972
00:41:37,820 --> 00:41:42,590
you a little bit of it please do here's

973
00:41:40,639 --> 00:41:44,929
the connection guys to the conspiracy

974
00:41:42,590 --> 00:41:47,660
right so the the researcher at UIW

975
00:41:44,929 --> 00:41:50,289
that's complained about her now he's

976
00:41:47,659 --> 00:41:53,059
apparently a subscriber to our magazine

977
00:41:50,289 --> 00:41:55,610
and we're a lobby group that's funded

978
00:41:53,059 --> 00:41:58,039
that funded ken MacLeod who made a

979
00:41:55,610 --> 00:42:01,550
complaint about the ABN to the H Triple

980
00:41:58,039 --> 00:42:04,309
C we also go to price the McCaffrey's

981
00:42:01,550 --> 00:42:06,920
for their public advocacy for promoting

982
00:42:04,309 --> 00:42:08,630
vaccination three years ago syndrome and

983
00:42:06,920 --> 00:42:11,960
it was it was a well

984
00:42:08,630 --> 00:42:17,900
deserve to pricing yes so if it were for

985
00:42:11,960 --> 00:42:20,389
met the French colonies yeah now also

986
00:42:17,900 --> 00:42:24,559
she's done she's been doing her PhD for

987
00:42:20,389 --> 00:42:27,319
eight years unpaid and she we have

988
00:42:24,559 --> 00:42:29,090
smeared her on the internet please

989
00:42:27,320 --> 00:42:31,730
google my name to find the ridicule and

990
00:42:29,090 --> 00:42:33,769
misinterpretation of my statements stop

991
00:42:31,730 --> 00:42:36,650
being so mean to me I think I'm going to

992
00:42:33,769 --> 00:42:39,710
quit my PhD but you should clear that's

993
00:42:36,650 --> 00:42:42,650
what it says a good summary now that's

994
00:42:39,710 --> 00:42:45,829
wrong how you actually I think their

995
00:42:42,650 --> 00:42:49,430
lesson from what she did today is just

996
00:42:45,829 --> 00:42:51,279
shut up really shut up because all this

997
00:42:49,429 --> 00:42:53,690
is doing is making her look like a fool

998

00:42:51,280 --> 00:42:55,460
as a result of this there's going to be

999
00:42:53,690 --> 00:42:57,980
more articles in the Illawarra mercury

1000
00:42:55,460 --> 00:42:59,510
over the next few days because if

1001
00:42:57,980 --> 00:43:01,219
there's one thing we've learned over the

1002
00:42:59,510 --> 00:43:04,250
years hopefully there's more than one

1003
00:43:01,219 --> 00:43:08,239
thing but the likes of Merrill Dorian &

1004
00:43:04,250 --> 00:43:09,530
Co can't shut up yeah they have to

1005
00:43:08,239 --> 00:43:13,279
release statements they have to make

1006
00:43:09,530 --> 00:43:15,230
comments you know of other examples of

1007
00:43:13,280 --> 00:43:17,720
where academics have been taken to task

1008
00:43:15,230 --> 00:43:20,329
for expressing views which do bring the

1009
00:43:17,719 --> 00:43:22,279
unies into disrepute or have potential

1010
00:43:20,329 --> 00:43:25,279
to and the only example I could remember

1011
00:43:22,280 --> 00:43:28,070
off hand was of Professor Andrew Fraser

1012
00:43:25,280 --> 00:43:29,480

from Macquarie uni who run there was a

1013

00:43:28,070 --> 00:43:32,360

lot of controversy over some of his

1014

00:43:29,480 --> 00:43:34,610

views a number of years back where he

1015

00:43:32,360 --> 00:43:36,530

made some here I think he wrote a letter

1016

00:43:34,610 --> 00:43:39,620

to one of the newspapers which he signed

1017

00:43:36,530 --> 00:43:42,110

with his academic title and his views

1018

00:43:39,619 --> 00:43:43,309

were seen to be extremely racist and

1019

00:43:42,110 --> 00:43:45,740

potentially associated with white

1020

00:43:43,309 --> 00:43:49,309

supremacy and initially the University

1021

00:43:45,739 --> 00:43:50,869

spoke out saying that you know this was

1022

00:43:49,309 --> 00:43:52,219

basically acted freedom they couldn't do

1023

00:43:50,869 --> 00:43:53,539

anything about it but eventually there

1024

00:43:52,219 --> 00:43:54,559

was so much controversy and it was

1025

00:43:53,539 --> 00:43:56,269

actually really causing a lot of

1026

00:43:54,559 --> 00:43:59,989

problems at the University that they did

1027
00:43:56,269 --> 00:44:01,969
actually I think suspend him but you

1028
00:43:59,989 --> 00:44:04,789
know I think I sort of feel like we're

1029
00:44:01,969 --> 00:44:11,329
in this sort of this age where there's

1030
00:44:04,789 --> 00:44:15,019
this defense of of unacceptable behavior

1031
00:44:11,329 --> 00:44:17,000
or yeah what I'm start again I think

1032
00:44:15,019 --> 00:44:18,949
Sarge I think I know what you're trying

1033
00:44:17,000 --> 00:44:22,429
to say is people are too scared to shut

1034
00:44:18,949 --> 00:44:24,289
other people up for fear of yes handing

1035
00:44:22,429 --> 00:44:26,059
them more trading on their rights or

1036
00:44:24,289 --> 00:44:27,769
they've got every right to say that etc

1037
00:44:26,059 --> 00:44:31,369
etc at what point do you draw a line in

1038
00:44:27,769 --> 00:44:33,320
sand and say this has gone beyond what

1039
00:44:31,369 --> 00:44:35,029
is acceptable and and this behavior is

1040
00:44:33,320 --> 00:44:38,630
not what we want of a professional

1041
00:44:35,030 --> 00:44:40,040
person in a professional can I just tell

1042
00:44:38,630 --> 00:44:41,539
you one of the things like oh I read

1043
00:44:40,039 --> 00:44:43,099
through this nonsense and I was laughing

1044
00:44:41,539 --> 00:44:44,420
for a bit and then I read it again on

1045
00:44:43,099 --> 00:44:46,759
our facepalmed and then I read it again

1046
00:44:44,420 --> 00:44:49,670
and there's a section where she says

1047
00:44:46,760 --> 00:44:51,440
because we paid the McCaffrey's a prize

1048
00:44:49,670 --> 00:44:52,909
we being the technique it one person

1049
00:44:51,440 --> 00:44:55,070
scaredy scaredy McCaffrey surprise which

1050
00:44:52,909 --> 00:44:57,349
by the way they donated to pertussis

1051
00:44:55,070 --> 00:45:00,470
research by the way which they've

1052
00:44:57,349 --> 00:45:03,199
declared publicly that encourages them

1053
00:45:00,469 --> 00:45:05,779
to go out and advocate for vaccines so

1054
00:45:03,199 --> 00:45:08,029
what would happen if an anti vax

1055

00:45:05,780 --> 00:45:11,090
personal parent whose child was injured

1056
00:45:08,030 --> 00:45:12,650
by vaccine got paid then they just opens

1057
00:45:11,090 --> 00:45:16,460
the floodgates for them to go out and

1058
00:45:12,650 --> 00:45:18,380
say how bad vaccines are now can I ask

1059
00:45:16,460 --> 00:45:21,980
you a question does anyone know anyone

1060
00:45:18,380 --> 00:45:25,190
like that merrell dory how much money

1061
00:45:21,980 --> 00:45:27,829
does she make all in 2010 280 thousand

1062
00:45:25,190 --> 00:45:30,590
dollars and she goes out and preaches

1063
00:45:27,829 --> 00:45:33,440
about how bad vaccines are Judy wrote

1064
00:45:30,590 --> 00:45:36,050
that down in a letter to the chance

1065
00:45:33,440 --> 00:45:38,119
vice-chancellor of research she's

1066
00:45:36,050 --> 00:45:40,070
talking about her friend I don't I don't

1067
00:45:38,119 --> 00:45:42,049
know if she doesn't know what she's

1068
00:45:40,070 --> 00:45:44,120
writing if she doesn't understand what

1069
00:45:42,050 --> 00:45:46,490

she's writing maynard you're hanging out

1070

00:45:44,119 --> 00:45:49,630

with evil skeptics I thought maybe the

1071

00:45:46,489 --> 00:45:52,009

PhD stands for pretty hard drawing I

1072

00:45:49,630 --> 00:45:53,420

know um but this is my these

1073

00:45:52,010 --> 00:45:54,800

intellectual arguments that I don't get

1074

00:45:53,420 --> 00:45:56,180

into because if I say something other

1075

00:45:54,800 --> 00:45:57,920

side wins automatically so I'm going to

1076

00:45:56,179 --> 00:46:01,099

do I'm gonna have a big glass of shut up

1077

00:45:57,920 --> 00:46:02,608

juice here oh can I go into breaking

1078

00:46:01,099 --> 00:46:04,318

news for the band

1079

00:46:02,608 --> 00:46:06,150

breaking news my dad's breaking news

1080

00:46:04,318 --> 00:46:09,960

from the boundaries of science mouse

1081

00:46:06,150 --> 00:46:16,009

grows liver in Japan I think a lot of my

1082

00:46:09,960 --> 00:46:19,230

scrub is a mouse grew a liver is Japan

1083

00:46:16,009 --> 00:46:23,670

breaking house with threat breaking news

1084
00:46:19,230 --> 00:46:28,230
update I'm sorry I read that again mouse

1085
00:46:23,670 --> 00:46:31,108
gross human liver in Japan not some

1086
00:46:28,230 --> 00:46:33,690
bloody mouth he now oh yeah miss tried

1087
00:46:31,108 --> 00:46:36,929
you know well you know went to education

1088
00:46:33,690 --> 00:46:40,559
after high school whatever whatever they

1089
00:46:36,929 --> 00:46:42,868
call that what Michael is the third

1090
00:46:40,559 --> 00:46:45,450
level indicator next thing yeah that's

1091
00:46:42,869 --> 00:46:46,950
right to hang up my something like

1092
00:46:45,449 --> 00:46:48,449
tertiary I just heard on my earbud

1093
00:46:46,949 --> 00:46:51,778
tertiary is already looking for Manor

1094
00:46:48,449 --> 00:46:53,129
okay now look there go that's more about

1095
00:46:51,778 --> 00:46:54,900
these mouse livers may not know these

1096
00:46:53,130 --> 00:46:57,710
human mouth slippers well I guess it

1097
00:46:54,900 --> 00:47:00,509
last Thursday or Friday just after lunch

1098
00:46:57,710 --> 00:47:02,429
the Japanese injected some stem cells

1099
00:47:00,509 --> 00:47:04,498
into a mouse and it was able to grow a

1100
00:47:02,429 --> 00:47:07,980
human liver to the size of five

1101
00:47:04,498 --> 00:47:10,768
millimeters that's a big human limits

1102
00:47:07,980 --> 00:47:12,509
well i guess i'm sure they celebrated

1103
00:47:10,768 --> 00:47:15,389
but the mouse just had like a Shandy and

1104
00:47:12,509 --> 00:47:16,920
some sex secondhand smoke familiar it's

1105
00:47:15,389 --> 00:47:18,480
only a five millimeter long level what

1106
00:47:16,920 --> 00:47:19,889
are you gonna do with it but they're

1107
00:47:18,480 --> 00:47:21,869
just saying it could be something for

1108
00:47:19,889 --> 00:47:26,129
the future there in the gel our medical

1109
00:47:21,869 --> 00:47:27,838
correspondent can you see it can you see

1110
00:47:26,130 --> 00:47:29,608
a day we will just turn up and ask for

1111
00:47:27,838 --> 00:47:32,849
one of these at time Iguchi japanese

1112

00:47:29,608 --> 00:47:34,170
livers absolutely hmm I mean and why

1113
00:47:32,849 --> 00:47:35,880
would you pick a liver first is that

1114
00:47:34,170 --> 00:47:42,690
because that's the largest organ in the

1115
00:47:35,880 --> 00:47:44,999
body while fun organ okay right it's one

1116
00:47:42,690 --> 00:47:48,329
that needs replacing the most often I've

1117
00:47:44,998 --> 00:47:50,459
been wasting extending but yeah i neva

1118
00:47:48,329 --> 00:47:52,230
placing them japanese are known for

1119
00:47:50,460 --> 00:47:53,849
their love of beer actually big

1120
00:47:52,230 --> 00:47:56,969
Deirdre's i would have relieved

1121
00:47:53,849 --> 00:47:58,319
yes Sakhi yeah so I think that's

1122
00:47:56,969 --> 00:48:01,799
exciting news that's about all relevant

1123
00:47:58,320 --> 00:48:03,510
stuff I had I see but this week Maynard

1124
00:48:01,800 --> 00:48:05,100
we're not playing what's in your bag me

1125
00:48:03,510 --> 00:48:07,050
no we're not playing once in a bagless

1126
00:48:05,099 --> 00:48:08,309

time it's a computer bag unfortunate but

1127

00:48:07,050 --> 00:48:09,990

I do have some shoutouts while the

1128

00:48:08,309 --> 00:48:12,299

show's been going on why had to tape

1129

00:48:09,989 --> 00:48:14,609

here we've got a shout out from Tom

1130

00:48:12,300 --> 00:48:16,830

croucher one of these skeptic bros wa

1131

00:48:14,610 --> 00:48:19,530

placebo barons hey Tom he says hello to

1132

00:48:16,829 --> 00:48:21,659

us and also Shelly Stockton she actually

1133

00:48:19,530 --> 00:48:22,860

poses this question which is it's a

1134

00:48:21,659 --> 00:48:25,769

question without notice which I'm

1135

00:48:22,860 --> 00:48:27,329

putting through the committee um Shelly

1136

00:48:25,769 --> 00:48:28,800

rights to us on our Facebook page yeah

1137

00:48:27,329 --> 00:48:30,389

dude he just believed his Facebook page

1138

00:48:28,800 --> 00:48:32,390

by the way of sure anecdotal evidence

1139

00:48:30,389 --> 00:48:34,799

suggests that the rate of bow ties among

1140

00:48:32,389 --> 00:48:35,909

amongst medical practitioners is much

1141
00:48:34,800 --> 00:48:37,740
higher than amongst the general

1142
00:48:35,909 --> 00:48:40,079
population have there been any studies

1143
00:48:37,739 --> 00:48:41,849
to confirm this now Joe your diet or

1144
00:48:40,079 --> 00:48:45,840
your you're the next best thing to a

1145
00:48:41,849 --> 00:48:48,569
doctor nurse well doctor who wears a bow

1146
00:48:45,840 --> 00:48:51,150
tie that's right and why doesn't he ever

1147
00:48:48,570 --> 00:48:53,250
have an actual nurse with him I have to

1148
00:48:51,150 --> 00:48:54,840
say I think that anecdotally that is

1149
00:48:53,250 --> 00:48:56,940
absolutely true because the only people

1150
00:48:54,840 --> 00:48:58,860
I ever see wearing bow ties these days

1151
00:48:56,940 --> 00:49:01,230
not not necessarily any doctor but

1152
00:48:58,860 --> 00:49:05,099
physicians yeah and it and even better

1153
00:49:01,230 --> 00:49:07,110
on a bicycle wouldn't it be one of the

1154
00:49:05,099 --> 00:49:08,429
no H&S public liability thing is if you

1155
00:49:07,110 --> 00:49:10,230
wear a tie in your doctor you could

1156
00:49:08,429 --> 00:49:11,759
easily get the tie sort of said I was

1157
00:49:10,230 --> 00:49:14,159
just to keep your doing some surgery or

1158
00:49:11,760 --> 00:49:15,600
something yeah this year and you know

1159
00:49:14,159 --> 00:49:21,000
the doctors ties actually a major

1160
00:49:15,599 --> 00:49:25,199
infection control issues especially if

1161
00:49:21,000 --> 00:49:27,570
they dribble Aberdeen oh yeah also the

1162
00:49:25,199 --> 00:49:29,909
bow tie a bow tie you know fix the

1163
00:49:27,570 --> 00:49:32,010
problem they look rather dapper so yeah

1164
00:49:29,909 --> 00:49:33,809
I think I was at Sydney any today and

1165
00:49:32,010 --> 00:49:36,960
there were a few academics wearing bow

1166
00:49:33,809 --> 00:49:39,179
ties and I know a neurologist who just

1167
00:49:36,960 --> 00:49:42,849
want to was given an award of Australia

1168
00:49:39,179 --> 00:49:45,879
yes on Monday who is constantly always

1169

00:49:42,849 --> 00:49:47,559
yeah i mean i don't know the places you

1170
00:49:45,880 --> 00:49:50,590
Kapus me but now I'd like to show

1171
00:49:47,559 --> 00:49:52,239
avenues we explore with your yeah well

1172
00:49:50,590 --> 00:49:54,010
I'd like to thank Shelley Stockton of

1173
00:49:52,239 --> 00:49:55,329
the dirtiest believe his facebook page

1174
00:49:54,010 --> 00:49:56,890
for bringing that one into US and

1175
00:49:55,329 --> 00:49:59,679
completely diverting our conversation

1176
00:49:56,889 --> 00:50:02,889
away of male intended path do they also

1177
00:49:59,679 --> 00:50:04,329
wear pocket watches as well why are more

1178
00:50:02,889 --> 00:50:06,519
I more on the end of the pocket watch

1179
00:50:04,329 --> 00:50:09,309
era and here's a quick quiz for those

1180
00:50:06,519 --> 00:50:11,469
fans of carrion movies what what was

1181
00:50:09,309 --> 00:50:12,759
what type of flower was it that was in

1182
00:50:11,469 --> 00:50:19,649
the rectum at the end of the movie

1183
00:50:12,760 --> 00:50:19,650

that's all it was a jay-z that's right

1184

00:50:20,639 --> 00:50:27,369

the movie and I know that and you know

1185

00:50:23,409 --> 00:50:31,750

who the f doors howdy Jake no lying on

1186

00:50:27,369 --> 00:50:34,440

the bed no Kenneth an old English actor

1187

00:50:31,750 --> 00:50:37,840

don't worry folks Google carry on no no

1188

00:50:34,440 --> 00:50:39,429

flare up bout something like that Google

1189

00:50:37,840 --> 00:50:43,450

whatever you like listen this earlier

1190

00:50:39,429 --> 00:50:44,949

step and step and you have been as you

1191

00:50:43,449 --> 00:50:46,989

mentioned quite a few weeks ago in the

1192

00:50:44,949 --> 00:50:49,059

skeptic zone you were sent a book yeah

1193

00:50:46,989 --> 00:50:50,619

almost about a year ago this is one of

1194

00:50:49,059 --> 00:50:52,960

the problems of coming here not often

1195

00:50:50,619 --> 00:50:54,639

enough yes a few months ago I mentioned

1196

00:50:52,960 --> 00:50:56,769

this book that I was given a cup two

1197

00:50:54,639 --> 00:50:59,230

copies I'm actually for Android Carruth

1198
00:50:56,769 --> 00:51:02,409
a book called the Christ conundrum the

1199
00:50:59,230 --> 00:51:03,909
skeptics guide to Jesus and I as it

1200
00:51:02,409 --> 00:51:05,440
happens six months later I still haven't

1201
00:51:03,909 --> 00:51:06,940
finished reading it because I just live

1202
00:51:05,440 --> 00:51:08,710
that sort of busy kind of life however

1203
00:51:06,940 --> 00:51:10,510
if he is an excellent read so far and

1204
00:51:08,710 --> 00:51:13,630
it's all about the historical context of

1205
00:51:10,510 --> 00:51:15,400
Jesus and how it all are sort of some of

1206
00:51:13,630 --> 00:51:17,349
them maybe some of the historical

1207
00:51:15,400 --> 00:51:18,460
mistakes may be made and people starting

1208
00:51:17,349 --> 00:51:19,900
to believe things that maybe they

1209
00:51:18,460 --> 00:51:21,460
shouldn't if they only looked at it more

1210
00:51:19,900 --> 00:51:22,869
skeptically interesting and that's

1211
00:51:21,460 --> 00:51:25,510
autographed I know and it's autographed

1212
00:51:22,869 --> 00:51:27,699
and so they gave me two copies one to

1213
00:51:25,510 --> 00:51:30,100
read myself and dog ear and you know

1214
00:51:27,699 --> 00:51:31,689
drop in the bathroom yeah in the sink

1215
00:51:30,099 --> 00:51:33,610
and everything but the other one is in

1216
00:51:31,690 --> 00:51:36,550
perfect pristine condition is and we're

1217
00:51:33,610 --> 00:51:39,430
going to give it away if we're actually

1218
00:51:36,550 --> 00:51:43,570
looking for people to write a limerick a

1219
00:51:39,429 --> 00:51:46,509
religious limerick a biblical Christian

1220
00:51:43,570 --> 00:51:48,350
anything a limerick around the theme of

1221
00:51:46,510 --> 00:51:50,910
religion or Christ

1222
00:51:48,349 --> 00:51:53,880
anything to do anything at all anything

1223
00:51:50,909 --> 00:51:56,129
anything and so yeah if any of our

1224
00:51:53,880 --> 00:51:57,900
listeners can come up with a limerick of

1225
00:51:56,130 --> 00:52:00,030
biblical proportions and send it in to

1226

00:51:57,900 --> 00:52:01,740
Richard that's how folks do you've heard

1227
00:52:00,030 --> 00:52:05,490
you've heard the message send in your

1228
00:52:01,739 --> 00:52:08,459
Limerick of biblical note to Richard at

1229
00:52:05,489 --> 00:52:10,259
skeptic zone TV and we'll give you a

1230
00:52:08,460 --> 00:52:12,510
couple of weeks to send them in I'll

1231
00:52:10,260 --> 00:52:14,370
pass those on to you Stefan we'll both

1232
00:52:12,510 --> 00:52:15,630
have a bit of a look and then we can

1233
00:52:14,369 --> 00:52:18,000
choose a winner and the winner will get

1234
00:52:15,630 --> 00:52:19,890
a copy of this Christ conundrum book and

1235
00:52:18,000 --> 00:52:21,989
Ruth which might even help you write a

1236
00:52:19,889 --> 00:52:24,960
better Limerick next time but we want to

1237
00:52:21,989 --> 00:52:27,569
hear some fun all right thank you very

1238
00:52:24,960 --> 00:52:29,670
much oh boy the places this show goes I

1239
00:52:27,570 --> 00:52:31,440
I never know but we're going to a place

1240
00:52:29,670 --> 00:52:34,260

which I've flown over but I've never

1241
00:52:31,440 --> 00:52:36,269
visited we're going to Texas courtesy of

1242
00:52:34,260 --> 00:52:38,610
Joe yes well Texas is certainly an

1243
00:52:36,269 --> 00:52:41,159
interesting place and Ben Redford

1244
00:52:38,610 --> 00:52:43,230
actually picked up the story I saw it

1245
00:52:41,159 --> 00:52:45,210
earlier today you might remember about a

1246
00:52:43,230 --> 00:52:48,329
year ago there was some really weird

1247
00:52:45,210 --> 00:52:51,990
stories flying around the media about a

1248
00:52:48,329 --> 00:52:56,250
horrific scene that was supposedly

1249
00:52:51,989 --> 00:52:58,139
discovered on a property in Texas it was

1250
00:52:56,250 --> 00:53:01,380
really busy it was quite bizarre there

1251
00:52:58,139 --> 00:53:05,759
was something these reports about you

1252
00:53:01,380 --> 00:53:08,460
know mass graves and you know all sorts

1253
00:53:05,760 --> 00:53:11,940
of you know rotting corpses and and and

1254
00:53:08,460 --> 00:53:13,679
that a lot of them were children and the

1255
00:53:11,940 --> 00:53:14,940
the story disappeared fairly quickly

1256
00:53:13,679 --> 00:53:16,649
because it turned out that it was a

1257
00:53:14,940 --> 00:53:19,200
psychic who had actually called this

1258
00:53:16,650 --> 00:53:21,869
report in to the police describing the

1259
00:53:19,199 --> 00:53:23,789
scene so so when the police actually

1260
00:53:21,869 --> 00:53:26,190
went to investigate they found there was

1261
00:53:23,789 --> 00:53:28,949
really nothing to see there's a couple a

1262
00:53:26,190 --> 00:53:31,170
couple Joe Bengston and jenica Charlton

1263
00:53:28,949 --> 00:53:32,429
live on the property and when the police

1264
00:53:31,170 --> 00:53:34,800
investigated they didn't find anything

1265
00:53:32,429 --> 00:53:38,190
but what's now happened is that this

1266
00:53:34,800 --> 00:53:40,380
couple are actually suing the police and

1267
00:53:38,190 --> 00:53:42,980
several major news organizations for

1268
00:53:40,380 --> 00:53:45,210
defamation because of what happened

1269
00:53:42,980 --> 00:53:46,860
they're claiming that the sheriff's

1270
00:53:45,210 --> 00:53:48,809
office in the media groups acted in a

1271
00:53:46,860 --> 00:53:50,980
reckless disregard and cause damage to

1272
00:53:48,809 --> 00:53:53,230
the couple's reputation and good name

1273
00:53:50,980 --> 00:53:54,608
so they say that they are now unable to

1274
00:53:53,230 --> 00:53:56,829
return to their rendered home because

1275
00:53:54,608 --> 00:53:59,170
people are very suspicious of them and

1276
00:53:56,829 --> 00:54:03,340
you know a little bit put off by what

1277
00:53:59,170 --> 00:54:05,769
happened so I mean apparently when when

1278
00:54:03,340 --> 00:54:08,650
this all came about it was it was

1279
00:54:05,769 --> 00:54:09,880
absolute mayhem they had first the the

1280
00:54:08,650 --> 00:54:12,160
county sheriff's office went to

1281
00:54:09,880 --> 00:54:16,358
investigate and then the day after that

1282
00:54:12,159 --> 00:54:19,299
they had the FBI Texas Rangers cadaver

1283

00:54:16,358 --> 00:54:20,559
dogs news helicopters you name it all

1284
00:54:19,300 --> 00:54:22,810
descending on their property and all

1285
00:54:20,559 --> 00:54:24,250
because this psychic had made this phone

1286
00:54:22,809 --> 00:54:27,969
call claiming that this was on his

1287
00:54:24,250 --> 00:54:29,650
property and they're there they're

1288
00:54:27,969 --> 00:54:31,059
actually they're really suing a some

1289
00:54:29,650 --> 00:54:35,349
major outfits including the New York

1290
00:54:31,059 --> 00:54:36,340
Times CNN and ABC News and I just

1291
00:54:35,349 --> 00:54:38,079
thought this is quite interesting

1292
00:54:36,340 --> 00:54:40,390
because you know this is one of those

1293
00:54:38,079 --> 00:54:42,639
examples of where the behavior of a

1294
00:54:40,389 --> 00:54:44,079
psychic can really cause a lot of harm

1295
00:54:42,639 --> 00:54:45,639
you know it's one of those things are

1296
00:54:44,079 --> 00:54:47,230
people say oh you know it's a psychic

1297
00:54:45,639 --> 00:54:49,089

it's a bit of fun what's wrong yes but

1298

00:54:47,230 --> 00:54:51,340

um you know the claims that this person

1299

00:54:49,090 --> 00:54:53,230

made were really pretty horrific and and

1300

00:54:51,340 --> 00:54:55,570

these people have had their lives

1301

00:54:53,230 --> 00:54:57,789

damaged by it what's the police in an

1302

00:54:55,570 --> 00:54:59,740

almost impossible situation because I

1303

00:54:57,789 --> 00:55:01,750

know the police in this country are duty

1304

00:54:59,739 --> 00:55:03,129

bound to follow up leads absolutely and

1305

00:55:01,750 --> 00:55:04,840

if someone walks in says look I know

1306

00:55:03,130 --> 00:55:06,970

about this they have to follow it up

1307

00:55:04,840 --> 00:55:08,440

well well and this is what the police

1308

00:55:06,969 --> 00:55:10,179

said in this case is that the claims

1309

00:55:08,440 --> 00:55:12,280

were serious enough they did have to

1310

00:55:10,179 --> 00:55:14,500

have to follow up on well Joe can use

1311

00:55:12,280 --> 00:55:16,660

reiterate what was reportedly on the

1312
00:55:14,500 --> 00:55:20,320
property so that this the psychic

1313
00:55:16,659 --> 00:55:22,118
claimed that there was a mass murder

1314
00:55:20,320 --> 00:55:24,609
that they were dismembered corpses and a

1315
00:55:22,119 --> 00:55:27,880
mass grave and many of them were

1316
00:55:24,608 --> 00:55:29,559
children and it was quite bizarre and

1317
00:55:27,880 --> 00:55:31,420
the psychic had a vision of that they

1318
00:55:29,559 --> 00:55:33,789
didn't think the details actually I

1319
00:55:31,420 --> 00:55:37,090
didn't have time to look it up further I

1320
00:55:33,789 --> 00:55:39,489
remember it at the time but I I didn't

1321
00:55:37,090 --> 00:55:42,220
really know it's it's the old story is

1322
00:55:39,489 --> 00:55:44,589
and I've seen this in printed on TV

1323
00:55:42,219 --> 00:55:47,019
psychics or say stuff that is not true

1324
00:55:44,590 --> 00:55:49,960
which which is off the mark which has no

1325
00:55:47,019 --> 00:55:53,139
relevance and afterwards they'll say I

1326
00:55:49,960 --> 00:55:55,240
helped the police with this inquiry yep

1327
00:55:53,139 --> 00:55:57,909
absolutely whereas they should say and

1328
00:55:55,239 --> 00:55:59,849
you know what I hindered the police with

1329
00:55:57,909 --> 00:56:03,069
this inquiries what I really did but

1330
00:55:59,849 --> 00:56:04,989
people here that all of Mary blogs that

1331
00:56:03,070 --> 00:56:06,789
the psychic help the police they're

1332
00:56:04,989 --> 00:56:08,979
usually just wasting resources you

1333
00:56:06,789 --> 00:56:11,380
sending him off on wild goose chases and

1334
00:56:08,980 --> 00:56:14,858
one of the cases that been documented

1335
00:56:11,380 --> 00:56:17,099
was that in 2004 apparently a psychic

1336
00:56:14,858 --> 00:56:19,869
contacted the TSA the transport

1337
00:56:17,099 --> 00:56:21,460
administration in the u.s. claiming that

1338
00:56:19,869 --> 00:56:24,850
there was a bomb on board an american

1339
00:56:21,460 --> 00:56:26,650
airlines flight and this resulted in you

1340

00:56:24,849 --> 00:56:29,380
know the flight being cancelled and and

1341
00:56:26,650 --> 00:56:32,980
people you know being moved up different

1342
00:56:29,380 --> 00:56:34,119
flights on so you know they really it

1343
00:56:32,980 --> 00:56:37,240
really caused a lot of trouble

1344
00:56:34,119 --> 00:56:39,460
mischievous is no it is it is like

1345
00:56:37,239 --> 00:56:40,509
psychic so they don't or as we know they

1346
00:56:39,460 --> 00:56:42,130
don't not always accurate with their

1347
00:56:40,510 --> 00:56:44,200
timing so it could have actually been a

1348
00:56:42,130 --> 00:56:47,289
massacre there may be 39 million years

1349
00:56:44,199 --> 00:56:49,539
ago of austria politicus and so they're

1350
00:56:47,289 --> 00:56:52,269
actually did sense the actual masa couch

1351
00:56:49,539 --> 00:56:53,949
or in the future yeah or even on another

1352
00:56:52,269 --> 00:56:56,139
planet somewhere they did since there

1353
00:56:53,949 --> 00:56:58,269
was a massacre they are at what a lovely

1354
00:56:56,139 --> 00:57:01,989

accurate if there is one thing i was

1355

00:56:58,269 --> 00:57:04,119

going to say big you know they are they

1356

00:57:01,989 --> 00:57:06,729

yeah that's right there was a massacre

1357

00:57:04,119 --> 00:57:09,010

just not exactly then and there I don't

1358

00:57:06,730 --> 00:57:12,550

know made out account well that's bull

1359

00:57:09,010 --> 00:57:15,490

up from the main I'm breaking news desk

1360

00:57:12,550 --> 00:57:17,590

I'm news just a hand literally from the

1361

00:57:15,489 --> 00:57:19,868

last week or two is that the psychic TV

1362

00:57:17,590 --> 00:57:21,910

is no longer the most sensationalist

1363

00:57:19,869 --> 00:57:23,680

show you can watch on digital television

1364

00:57:21,909 --> 00:57:25,779

in Australia on a Saturday night no

1365

00:57:23,679 --> 00:57:27,039

longer because I always enjoy cos it's

1366

00:57:25,780 --> 00:57:29,080

always a bit of a fun David of a color

1367

00:57:27,039 --> 00:57:31,358

reading it's a bit of fun but at eleven

1368

00:57:29,079 --> 00:57:33,730

o'clock now there's two girls that kind

1369
00:57:31,358 --> 00:57:35,980
of ring ring people on the phone and and

1370
00:57:33,730 --> 00:57:38,019
get undressed and they get more unvested

1371
00:57:35,980 --> 00:57:39,400
midnight yeah I forget what I thought I

1372
00:57:38,019 --> 00:57:41,739
don't know what the show called but yeah

1373
00:57:39,400 --> 00:57:44,440
I believe it's like what are you kidding

1374
00:57:41,739 --> 00:57:46,059
yeah England I already do England a few

1375
00:57:44,440 --> 00:57:47,500
years ago there's about a hundred shows

1376
00:57:46,059 --> 00:57:48,969
like that that they run on about a

1377
00:57:47,500 --> 00:57:52,210
million channels all night it's great

1378
00:57:48,969 --> 00:57:55,659
it's just crazy that was awesome no no

1379
00:57:52,210 --> 00:57:57,550
it's it's terrible I'm quite saddened to

1380
00:57:55,659 --> 00:58:00,078
see that not only there is such rubbish

1381
00:57:57,550 --> 00:58:03,259
a psychic TV but this this thing

1382
00:58:00,079 --> 00:58:06,190
it was it sadly the only thing to watch

1383
00:58:03,259 --> 00:58:09,528
on TV on a Saturday night its range so

1384
00:58:06,190 --> 00:58:11,479
it's 25 like I can't you say that I was

1385
00:58:09,528 --> 00:58:13,818
greatly saddened earlier this year I was

1386
00:58:11,478 --> 00:58:16,458
talking to a bunch of you 11 year 12

1387
00:58:13,818 --> 00:58:17,929
students in Newcastle and I casually

1388
00:58:16,458 --> 00:58:19,489
mentioned other what I'm going to do to

1389
00:58:17,929 --> 00:58:21,618
appear vaguely hip here I casually

1390
00:58:19,489 --> 00:58:25,099
mentioned that I'd hosted rage twice and

1391
00:58:21,619 --> 00:58:27,259
they did not know what rage was these

1392
00:58:25,099 --> 00:58:29,239
these kids were placed yes there were

1393
00:58:27,259 --> 00:58:30,498
students from Jasmine hi Newcastle and I

1394
00:58:29,239 --> 00:58:32,059
think they got all their film clips from

1395
00:58:30,498 --> 00:58:34,788
youtube and other places and didn't

1396
00:58:32,059 --> 00:58:36,559
watch rage so I thought I think there's

1397

00:58:34,789 --> 00:58:38,359
some people it's become a less narrator

1398
00:58:36,559 --> 00:58:40,009
look for their film clips but I as

1399
00:58:38,358 --> 00:58:42,528
always the allnighters wasn't well I

1400
00:58:40,009 --> 00:58:46,099
hosted it live on under new year's eve

1401
00:58:42,528 --> 00:58:47,599
of 87 88 or 88 89 at the Rat Pack would

1402
00:58:46,099 --> 00:58:49,309
have been watching what was actually

1403
00:58:47,599 --> 00:58:51,318
live and I think it's one of the few

1404
00:58:49,309 --> 00:58:52,789
times at rage has been live and then the

1405
00:58:51,318 --> 00:58:55,038
time after that I played a whole bunch

1406
00:58:52,789 --> 00:58:57,700
of weird Allen Ringo Starr songs so but

1407
00:58:55,039 --> 00:59:00,019
i think i was watching at work and at

1408
00:58:57,699 --> 00:59:02,058
tam australia someone came up to me and

1409
00:59:00,018 --> 00:59:03,889
said look I i met the girlfriend before

1410
00:59:02,059 --> 00:59:05,690
my wife watching your show that night

1411
00:59:03,889 --> 00:59:08,598

and I didn't know what to say thank you

1412

00:59:05,690 --> 00:59:12,318

or not girlfriend the girl whatever is

1413

00:59:08,599 --> 00:59:14,329

what yes yes but this weekend we're

1414

00:59:12,318 --> 00:59:16,338

doing some very special things we're

1415

00:59:14,329 --> 00:59:17,390

going to do some filming it's supernova

1416

00:59:16,338 --> 00:59:19,159

we're hoping to catch up with

1417

00:59:17,389 --> 00:59:20,690

Christopher Lloyd I want to ask him what

1418

00:59:19,159 --> 00:59:24,078

it was like to produce the entire Fraser

1419

00:59:20,690 --> 00:59:27,229

series and also to do a course a Roger

1420

00:59:24,079 --> 00:59:28,729

Rabbit in that and yvonne craig the

1421

00:59:27,228 --> 00:59:30,768

original Batgirl were hoping to catch up

1422

00:59:28,728 --> 00:59:32,598

with them but even if we don't just the

1423

00:59:30,768 --> 00:59:33,649

fans and you know the people that are

1424

00:59:32,599 --> 00:59:36,170

getting around in their undies dressed

1425

00:59:33,650 --> 00:59:37,639

as vampire hunters men and women let me

1426
00:59:36,170 --> 00:59:39,380
tell you I may not we were there last

1427
00:59:37,639 --> 00:59:41,449
year and we filmed a great report which

1428
00:59:39,380 --> 00:59:44,059
is online that's right if you just

1429
00:59:41,449 --> 00:59:45,528
Google main out at supernova I have a

1430
00:59:44,059 --> 00:59:47,089
look there and you'll see Larry Hagman

1431
00:59:45,528 --> 00:59:49,400
having a chat and also with my childhood

1432
00:59:47,088 --> 00:59:50,900
friend Roger Healey from I Dream of

1433
00:59:49,400 --> 00:59:52,999
Jeannie as we spoke to them both

1434
00:59:50,900 --> 00:59:55,190
remember I did and there's a great

1435
00:59:52,998 --> 00:59:56,448
TARDIS dress in there because people

1436
00:59:55,190 --> 00:59:58,219
make dresses out of Tardos it's

1437
00:59:56,449 --> 01:00:00,079
fantastic you know I wish I could fit

1438
00:59:58,219 --> 01:00:03,170
into them oh and one thing before I go

1439
01:00:00,079 --> 01:00:05,630
if for all your Shatner needs get to be

1440
01:00:03,170 --> 01:00:07,548
get to the look at his butt podcaster

1441
01:00:05,630 --> 01:00:09,920
there there are two girls that do the

1442
01:00:07,548 --> 01:00:12,170
two skeptics that do the best check if

1443
01:00:09,920 --> 01:00:13,170
if you only listen to one Shatner

1444
01:00:12,170 --> 01:00:15,329
podcast

1445
01:00:13,170 --> 01:00:19,588
in your lifetime it's got to be look at

1446
01:00:15,329 --> 01:00:21,568
his butt wise words indeed from a night

1447
01:00:19,588 --> 01:00:25,019
I can't think of anything else to top

1448
01:00:21,568 --> 01:00:26,608
that can you no no girls are just

1449
01:00:25,019 --> 01:00:28,380
anybody else got a shat in a podcast

1450
01:00:26,608 --> 01:00:30,088
they're all run away by just maybe doing

1451
01:00:28,380 --> 01:00:32,010
some research actually they're doing so

1452
01:00:30,088 --> 01:00:39,719
this covered something called a Q sensor

1453
01:00:32,010 --> 01:00:41,309
bracelet this is really weird I actually

1454

01:00:39,719 --> 01:00:45,808
I just came across this now while we

1455
01:00:41,309 --> 01:00:47,670
were walking breaking news I'm not sure

1456
01:00:45,809 --> 01:00:49,290
I medical correspond actually it's not

1457
01:00:47,670 --> 01:00:52,409
that dr. H and I distracted which is

1458
01:00:49,289 --> 01:00:54,000
very good multi-part so what is this

1459
01:00:52,409 --> 01:00:55,679
it's um it's really strange it was

1460
01:00:54,000 --> 01:00:58,739
actually this is from the sydney morning

1461
01:00:55,679 --> 01:01:00,239
herald website at some so so Bill Gates

1462
01:00:58,739 --> 01:01:02,939
is apparently putting 1.4 million

1463
01:01:00,239 --> 01:01:04,828
dollars to u.s. University researchers

1464
01:01:02,940 --> 01:01:07,079
who are planning to use these Q sensors

1465
01:01:04,829 --> 01:01:08,730
which are some kind of bracelet and they

1466
01:01:07,079 --> 01:01:11,490
say the sensors in these bracelets

1467
01:01:08,730 --> 01:01:13,349
detect excitement stress fear engagement

1468
01:01:11,489 --> 01:01:15,209

boredom and relaxation through the skin

1469

01:01:13,349 --> 01:01:17,160

and that past studies with autistic

1470

01:01:15,210 --> 01:01:18,809

children have used these bracelets to

1471

01:01:17,159 --> 01:01:20,940

show those who might seem unresponsive

1472

01:01:18,809 --> 01:01:24,420

to external stimuli are engaged in

1473

01:01:20,940 --> 01:01:26,608

learning it's really odd I mean I it

1474

01:01:24,420 --> 01:01:28,530

looks very interesting but it it just

1475

01:01:26,608 --> 01:01:31,739

sounds to me like something that you be

1476

01:01:28,530 --> 01:01:33,869

using like a lie detector type situation

1477

01:01:31,739 --> 01:01:36,539

in detecting you know something should

1478

01:01:33,869 --> 01:01:37,890

we say early days yeah look I don't want

1479

01:01:36,539 --> 01:01:39,750

to be jumping on this immediately and

1480

01:01:37,889 --> 01:01:41,969

saying this is nonsense because you know

1481

01:01:39,750 --> 01:01:44,909

as Rachel and I were just saying it's

1482

01:01:41,969 --> 01:01:47,189

you know it you wouldn't really expect

1483
01:01:44,909 --> 01:01:49,078
something like the Bill and Melinda

1484
01:01:47,190 --> 01:01:50,250
Gates Foundation tempers Rachel put up

1485
01:01:49,079 --> 01:01:52,500
to have the wool pulled over their eyes

1486
01:01:50,250 --> 01:01:57,539
but it just seems a little bit

1487
01:01:52,500 --> 01:01:59,519
implausible and odd but also they're not

1488
01:01:57,539 --> 01:02:02,818
making any medical claims they're just

1489
01:01:59,519 --> 01:02:04,969
saying that it's you can protect people

1490
01:02:02,818 --> 01:02:07,679
how people are responding to things I

1491
01:02:04,969 --> 01:02:09,989
don't know it's maybe a plausible well

1492
01:02:07,679 --> 01:02:12,269
aim the aim is actually to use it in the

1493
01:02:09,989 --> 01:02:14,279
classroom to determine whether kids are

1494
01:02:12,269 --> 01:02:16,588
engaged with learning and to help them

1495
01:02:14,280 --> 01:02:19,290
respond better to their learning needs

1496
01:02:16,588 --> 01:02:20,849
and see how kids are behaving in the

1497
01:02:19,289 --> 01:02:22,529
classroom think you know I think it's

1498
01:02:20,849 --> 01:02:23,609
mostly motion sensing so you could

1499
01:02:22,530 --> 01:02:25,860
actually tell if they're picking their

1500
01:02:23,608 --> 01:02:27,269
nose or scratching you

1501
01:02:25,860 --> 01:02:28,740
scheduled your backside I think that's

1502
01:02:27,269 --> 01:02:31,170
when you've got your back turned on the

1503
01:02:28,739 --> 01:02:32,909
blackberry like four days these days I

1504
01:02:31,170 --> 01:02:34,289
mean who knows what the kid I mean it

1505
01:02:32,909 --> 01:02:35,789
could show that a child is entirely

1506
01:02:34,289 --> 01:02:37,679
engaged but they could engage in

1507
01:02:35,789 --> 01:02:41,250
something even come on I didn't have a

1508
01:02:37,679 --> 01:02:43,199
texting probably well I'm gonna run away

1509
01:02:41,250 --> 01:02:45,809
and do some texting at the moment I

1510
01:02:43,199 --> 01:02:47,429
think our glasses are empty how sad is

1511

01:02:45,809 --> 01:02:50,820
that all one maybe just one little drop

1512
01:02:47,429 --> 01:02:53,369
left there we go enough to say thank you

1513
01:02:50,820 --> 01:02:55,650
Maynard for coming along I'll look it's

1514
01:02:53,369 --> 01:02:57,779
a pleasure Maynard calm da to you that's

1515
01:02:55,650 --> 01:02:59,309
the way Stevan oh it's been wonderful

1516
01:02:57,780 --> 01:03:01,140
being here I have to come back here in

1517
01:02:59,309 --> 01:03:04,259
less than six months what's your website

1518
01:03:01,139 --> 01:03:09,269
are I've forgotten putter thanks

1519
01:03:04,260 --> 01:03:11,670
facebook really Joe Benna moon thank you

1520
01:03:09,269 --> 01:03:13,769
for coming along thanks Richard and dr.

1521
01:03:11,670 --> 01:03:16,909
a cheap thank you did you hear that

1522
01:03:13,769 --> 01:03:19,110
trumpet in some guy blowing his nose

1523
01:03:16,909 --> 01:03:22,009
what a club is this folks cheers

1524
01:03:19,110 --> 01:03:22,010
everybody Oh

1525
01:03:38,710 --> 01:03:43,159

hello Richard son is here with a little

1526

01:03:41,059 --> 01:03:46,130

bit of information for those people

1527

01:03:43,159 --> 01:03:48,980

living in the Bay Area the San Francisco

1528

01:03:46,130 --> 01:03:51,140

Bay Area I'm going to be speaking about

1529

01:03:48,980 --> 01:03:54,318

my adventures with the power balance

1530

01:03:51,139 --> 01:03:59,058

wristband at a special event hosted by

1531

01:03:54,318 --> 01:04:03,230

the Bay Area skeptics 7 p.m. wednesday

1532

01:03:59,059 --> 01:04:05,329

the 11th of july at lapenna lounge which

1533

01:04:03,230 --> 01:04:08,210

is according to the information i am

1534

01:04:05,329 --> 01:04:10,759

seeing a six minute stroll from ashby

1535

01:04:08,210 --> 01:04:16,670

bart station now you can find out more

1536

01:04:10,759 --> 01:04:22,639

details by visiting w WB a skeptics dot

1537

01:04:16,670 --> 01:04:25,369

org also if you visit www tech zone TV

1538

01:04:22,639 --> 01:04:30,170

you can bid on an autographed photograph

1539

01:04:25,369 --> 01:04:34,338

of the think tank crew myself iran say

1540
01:04:30,170 --> 01:04:37,670
give joanne bender mu stefan sojka dr.

1541
01:04:34,338 --> 01:04:39,889
Richie Dunlop and Maynard also included

1542
01:04:37,670 --> 01:04:42,588
in that auction is an autographed copy

1543
01:04:39,889 --> 01:04:45,190
of maynards book Maynard's and guide

1544
01:04:42,588 --> 01:04:45,190
today

1545
01:04:55,239 --> 01:05:00,459
Richard now I realize why I miss this

1546
01:04:58,300 --> 01:05:03,910
show so much why being away from it i

1547
01:05:00,460 --> 01:05:05,740
pine i pine i agonize and I just wish

1548
01:05:03,909 --> 01:05:07,359
that I was here more often it's because

1549
01:05:05,739 --> 01:05:09,069
the show so good I thought it was

1550
01:05:07,360 --> 01:05:11,619
because of the drinks that our listeners

1551
01:05:09,070 --> 01:05:13,059
bias oh well that that's yeah and the

1552
01:05:11,619 --> 01:05:14,680
ones we by ourselves as well that's

1553
01:05:13,059 --> 01:05:18,549
right well you know that on the skeptics

1554
01:05:14,679 --> 01:05:21,099
on website now www its own TV I there's

1555
01:05:18,550 --> 01:05:23,680
an option instead of donating to the

1556
01:05:21,099 --> 01:05:26,019
show because paypal can be a bit funny

1557
01:05:23,679 --> 01:05:27,279
sometimes you can now listen as you can

1558
01:05:26,019 --> 01:05:30,400
now buy us a drink you can buy

1559
01:05:27,280 --> 01:05:34,000
surrounding that's dangerous is this

1560
01:05:30,400 --> 01:05:35,769
crazy is it legal well I mean listeners

1561
01:05:34,000 --> 01:05:37,989
can donate to the show by clicking on

1562
01:05:35,769 --> 01:05:41,559
the button that says bias around seems

1563
01:05:37,989 --> 01:05:43,509
like a check it out also on the website

1564
01:05:41,559 --> 01:05:44,679
I've got a little trailer for a new

1565
01:05:43,510 --> 01:05:47,320
project I'm working on called the

1566
01:05:44,679 --> 01:05:49,719
vaccination Chronicles oh awesome yeah

1567
01:05:47,320 --> 01:05:51,940
very important inch of little

1568

01:05:49,719 --> 01:05:53,289
documentary I'm working on I've seen

1569
01:05:51,940 --> 01:05:55,090
some of the shorts it's looking good

1570
01:05:53,289 --> 01:05:56,829
it's looking good I would not know no

1571
01:05:55,090 --> 01:05:58,809
previews anything at the adjust a little

1572
01:05:56,829 --> 01:06:01,119
teaser little days are just little

1573
01:05:58,809 --> 01:06:03,250
things right yeah oh yeah and don't

1574
01:06:01,119 --> 01:06:05,380
forget that the the Christ conundrum

1575
01:06:03,250 --> 01:06:07,300
give away the book that's right i forget

1576
01:06:05,380 --> 01:06:09,039
to come up with your limerick and get on

1577
01:06:07,300 --> 01:06:10,780
to the website and tell us about that

1578
01:06:09,039 --> 01:06:14,500
and we do have that free autographed

1579
01:06:10,780 --> 01:06:16,090
copy of and recruits book that Christ

1580
01:06:14,500 --> 01:06:17,650
conundrum and of course just to remind

1581
01:06:16,090 --> 01:06:19,720
you if you write to Richard at skipped

1582
01:06:17,650 --> 01:06:21,760

exam TV with your Limerick that's right

1583

01:06:19,719 --> 01:06:23,259

and in a couple of weeks you'll be the

1584

01:06:21,760 --> 01:06:26,520

judge still judging and will send off

1585

01:06:23,260 --> 01:06:29,530

that book at limerick about Jesus or

1586

01:06:26,519 --> 01:06:31,300

whatever-related religion the religion

1587

01:06:29,530 --> 01:06:33,220

ease something something like typical

1588

01:06:31,300 --> 01:06:36,280

feeling it is really gonna Limerick of

1589

01:06:33,219 --> 01:06:38,108

biblical proportions I like the way I

1590

01:06:36,280 --> 01:06:39,940

like it all five lines all right well I

1591

01:06:38,108 --> 01:06:42,489

think I'm ready to collapse it was a

1592

01:06:39,940 --> 01:06:44,710

girl I'm a big Chinese dinner had some

1593

01:06:42,489 --> 01:06:46,719

drinks I'm coming back you're going back

1594

01:06:44,710 --> 01:06:50,190

in less than six months I'm glad to hear

1595

01:06:46,719 --> 01:06:50,189

Richard see you next time

1596

01:06:52,588 --> 01:06:59,980

you've been listening to the skeptic

1597

01:06:55,000 --> 01:07:03,760

zone visit our website at [www skeptics](http://www.skeptics)

1598

01:06:59,980 --> 01:07:06,690

on TV for comments contacts and extra

1599

01:07:03,760 --> 01:07:06,690

video reports