

1
00:00:06,349 --> 00:00:13,009
welcome to the skeptic zone the podcast

2
00:00:09,509 --> 00:00:16,829
from Australia for science and reason

3
00:00:13,009 --> 00:00:19,130
yuria hosts Richard Saunders and Stefan

4
00:00:16,829 --> 00:00:19,129
cyka

5
00:00:20,589 --> 00:00:25,910
Richard welcome to the zone once again

6
00:00:23,570 --> 00:00:27,589
zone number five it's good to be here

7
00:00:25,910 --> 00:00:29,480
what an amazing time it is there's a

8
00:00:27,589 --> 00:00:31,640
whole transformation of the entire

9
00:00:29,480 --> 00:00:34,280
planet has happened because a bunch of

10
00:00:31,640 --> 00:00:36,649
people went and tick the box on a piece

11
00:00:34,280 --> 00:00:38,210
of paper I was advising people over the

12
00:00:36,649 --> 00:00:39,710
Internet to vote in the United States

13
00:00:38,210 --> 00:00:42,679
and eighth I think they took my advice

14
00:00:39,710 --> 00:00:45,079
took your advise it it's all yours but

15
00:00:42,679 --> 00:00:46,850
yeah thank you yes thank you yes I had a

16
00:00:45,079 --> 00:00:49,698
little from Obama thanking me personally

17
00:00:46,850 --> 00:00:53,030
was so nice oh nice that a you can feel

18
00:00:49,698 --> 00:00:54,588
the wave of joy I'm going across the

19
00:00:53,030 --> 00:00:59,210
world can't you as everyone's realizing

20
00:00:54,588 --> 00:01:01,119
that the tough at last oh that that dude

21
00:00:59,210 --> 00:01:04,400
whoever I dude what she's known for

22
00:01:01,119 --> 00:01:06,679
George yeah things I think you need you

23
00:01:04,400 --> 00:01:09,170
whoever yeah yeah yeah he's out of here

24
00:01:06,680 --> 00:01:10,520
so bad it's a good thing I think it's a

25
00:01:09,170 --> 00:01:12,140
great thing because there was always a

26
00:01:10,519 --> 00:01:14,539
worried that over the last eight years

27
00:01:12,140 --> 00:01:17,450
there was some sort of they call it the

28
00:01:14,540 --> 00:01:19,909
republican war on science yeah yeah yeah

29

00:01:17,450 --> 00:01:22,070
you're the anti science perspective I

30
00:01:19,909 --> 00:01:23,510
mean forget about the wars and all all

31
00:01:22,069 --> 00:01:25,759
the other stuff but the actual war on

32
00:01:23,510 --> 00:01:29,900
science has been been incredible a part

33
00:01:25,760 --> 00:01:31,850
of that war on science has been the good

34
00:01:29,900 --> 00:01:34,490
I'll good old buddies and pals and

35
00:01:31,849 --> 00:01:36,319
friends the creationists yes because

36
00:01:34,489 --> 00:01:37,750
they they they don't really like science

37
00:01:36,319 --> 00:01:39,829
because science kind of ends up

38
00:01:37,750 --> 00:01:42,170
disproving a lot of things that they

39
00:01:39,829 --> 00:01:44,539
like to hold ah like they can't have

40
00:01:42,170 --> 00:01:46,730
that so this issue of the the skeptic

41
00:01:44,540 --> 00:01:48,950
zones a special creationist issue we've

42
00:01:46,730 --> 00:01:50,600
got dr. Eugenie Scott from the National

43
00:01:48,950 --> 00:01:52,549

Center for Science Education now that's

44

00:01:50,599 --> 00:01:54,709

in Oakland and she's going to talk to us

45

00:01:52,549 --> 00:01:57,530

about interesting things like the movie

46

00:01:54,709 --> 00:02:00,049

expelled which is all about that one oh

47

00:01:57,530 --> 00:02:01,820

it's all about intelligent design oh why

48

00:02:00,049 --> 00:02:03,829

did you say she's from the creation side

49

00:02:01,819 --> 00:02:06,799

oh she's from the National often the

50

00:02:03,829 --> 00:02:09,050

actual so actual circuits right I see

51

00:02:06,799 --> 00:02:11,090

well it's gonna be interesting special

52

00:02:09,050 --> 00:02:13,250

to enjoy later because it's quite a

53

00:02:11,090 --> 00:02:15,680

quite a hot topic at the moment I'm in

54

00:02:13,250 --> 00:02:17,269

the internet is abuzz with all kinds of

55

00:02:15,680 --> 00:02:19,430

arguments and debates and you know

56

00:02:17,269 --> 00:02:21,349

people's tempers start a flaw it does

57

00:02:19,430 --> 00:02:23,209

then we've got an interview with dr.

58

00:02:21,348 --> 00:02:25,349
Paul Willis from the ABC here in

59

00:02:23,209 --> 00:02:27,360
Australia oh he's a paleontology

60

00:02:25,349 --> 00:02:29,969
yeah and he is going to talk about the

61

00:02:27,360 --> 00:02:31,380
time he debated the creationists oh yeah

62

00:02:29,969 --> 00:02:32,729
what's that because I mean it but he

63

00:02:31,379 --> 00:02:34,740
would have come to that agreement that

64

00:02:32,729 --> 00:02:36,359
all dinosaurs have just been placed

65

00:02:34,740 --> 00:02:38,850
there by God just to trick us into

66

00:02:36,360 --> 00:02:41,070
thinking that evolution existed just to

67

00:02:38,849 --> 00:02:44,039
test our faith your that's obvious as

68

00:02:41,069 --> 00:02:46,049
there's no it's pretty amazing isn't it

69

00:02:44,039 --> 00:02:48,449
I mean but I guess that the issue is

70

00:02:46,050 --> 00:02:51,180
either that the tricky thing is that we

71

00:02:48,449 --> 00:02:53,250
all don't know how the hell we really

72
00:02:51,180 --> 00:02:55,260
got here like what how the universe got

73
00:02:53,250 --> 00:02:57,389
here so it's understandable that if you

74
00:02:55,259 --> 00:02:59,699
if you if you're not willing to go into

75
00:02:57,389 --> 00:03:02,729
the absolute complexities and that

76
00:02:59,699 --> 00:03:05,849
almost mind-blowing mind-blowing pneus

77
00:03:02,729 --> 00:03:08,099
of science it's sort of an easy way out

78
00:03:05,849 --> 00:03:09,599
to just say well just this dude called

79
00:03:08,099 --> 00:03:10,889
God did it yeah that's easy isn't like

80
00:03:09,599 --> 00:03:12,900
what were we just say that in the future

81
00:03:10,889 --> 00:03:16,739
how you listening to this podcast well

82
00:03:12,900 --> 00:03:19,050
God did it no yeah I mean but it's

83
00:03:16,740 --> 00:03:20,490
tricky I mean yeah you look at reality

84
00:03:19,050 --> 00:03:22,410
and you just wonder what the hell

85
00:03:20,490 --> 00:03:24,600
happened how to get here I'm pretty

86

00:03:22,409 --> 00:03:26,310
unreal yeah it's pretty unreal bits but

87
00:03:24,599 --> 00:03:28,650
science is probably got the best chance

88
00:03:26,310 --> 00:03:31,370
of finding out how than anyone I think

89
00:03:28,650 --> 00:03:33,900
so and to round off the show we have a

90
00:03:31,370 --> 00:03:35,700
short interview with Tiffany day from

91
00:03:33,900 --> 00:03:37,590
Macquarie University who's going to tell

92
00:03:35,699 --> 00:03:39,479
us more about the Macquarie skeptics a

93
00:03:37,590 --> 00:03:40,979
very interesting new group oh yes they

94
00:03:39,479 --> 00:03:42,629
were great w/e were there the other day

95
00:03:40,979 --> 00:03:44,340
they were actually quite quite

96
00:03:42,629 --> 00:03:46,979
enthusiastic and quite a lot of fun it

97
00:03:44,340 --> 00:03:49,110
was a lot of fun a quick talk with sam

98
00:03:46,979 --> 00:03:50,399
whiteman who is a young scientist who

99
00:03:49,110 --> 00:03:52,050
won lots of awards being a young

100
00:03:50,400 --> 00:03:54,420

scientist we've got the old think tank

101

00:03:52,050 --> 00:03:56,939

of course and dr. Richie reports or

102

00:03:54,419 --> 00:03:58,919

Richard it's another fun-filled an

103

00:03:56,939 --> 00:04:01,319

action-packed episode of the skeptics

104

00:03:58,919 --> 00:04:03,000

are hardly contain myself Stefan so we'd

105

00:04:01,319 --> 00:04:04,409

better get straight into it or I let's

106

00:04:03,000 --> 00:04:07,310

get a rocker with the first segment

107

00:04:04,409 --> 00:04:07,310

Eugenie Scott

108

00:04:10,580 --> 00:04:16,199

hello from West Auckland here in

109

00:04:13,050 --> 00:04:18,060

California and I'm here with dr. Eugenie

110

00:04:16,199 --> 00:04:20,219

Scott and we're at the National Center

111

00:04:18,060 --> 00:04:21,899

for Science Education hello Jeanie hey

112

00:04:20,220 --> 00:04:23,610

there good to see you again thank you

113

00:04:21,899 --> 00:04:26,219

it's been it's been about four years

114

00:04:23,610 --> 00:04:28,949

since I was here last to visit you and

115
00:04:26,220 --> 00:04:31,920
Excel and I think that the time we were

116
00:04:28,949 --> 00:04:34,259
discussing your institution seems to

117
00:04:31,920 --> 00:04:36,990
take 12 steps forward and one step back

118
00:04:34,259 --> 00:04:38,759
or in your fight against creationist

119
00:04:36,990 --> 00:04:42,360
sometimes we have a couple steps to the

120
00:04:38,759 --> 00:04:44,009
side to the side yes now of course since

121
00:04:42,360 --> 00:04:45,870
I spoke to you last I guess one of the

122
00:04:44,009 --> 00:04:47,879
things that's caught the popular

123
00:04:45,870 --> 00:04:51,600
attention especially in the skeptical

124
00:04:47,879 --> 00:04:53,730
world would be the movie expelled yes

125
00:04:51,600 --> 00:04:55,950
and you were just showing me now on

126
00:04:53,730 --> 00:04:58,500
YouTube some of the videos you've put up

127
00:04:55,949 --> 00:05:00,870
and counter to that you know we really

128
00:04:58,500 --> 00:05:03,899
had to think very carefully about how we

129
00:05:00,870 --> 00:05:05,610
were going to address expelled no

130
00:05:03,899 --> 00:05:09,029
intelligence allowed that's the full

131
00:05:05,610 --> 00:05:11,100
name of the movie starring ben stein we

132
00:05:09,029 --> 00:05:14,489
knew about it several months before it

133
00:05:11,100 --> 00:05:17,160
was released we got a pretty good idea

134
00:05:14,490 --> 00:05:19,050
from various sources and leaks and so

135
00:05:17,160 --> 00:05:21,660
forth loose lips sink ships and you know

136
00:05:19,050 --> 00:05:24,360
we had a pretty good idea about what it

137
00:05:21,660 --> 00:05:27,090
was going to cover the thrust of the

138
00:05:24,360 --> 00:05:29,850
video and we knew that it was really

139
00:05:27,089 --> 00:05:34,169
going to be necessary to do something to

140
00:05:29,850 --> 00:05:36,540
to counter it it's a attack on science

141
00:05:34,170 --> 00:05:39,210
and its attack on evolution and in

142
00:05:36,540 --> 00:05:42,060
looking at the website and just the

143

00:05:39,209 --> 00:05:43,620
general marketing of this movie we

144
00:05:42,060 --> 00:05:45,689
figure that their marketing it to young

145
00:05:43,620 --> 00:05:48,990
people okay so where do young people go

146
00:05:45,689 --> 00:05:51,990
young people go to the Internet young

147
00:05:48,990 --> 00:05:54,120
people don't read offense in newspapers

148
00:05:51,990 --> 00:05:57,689
they go to youtube you know so we

149
00:05:54,120 --> 00:06:00,949
decided NCSE decided we needed to have a

150
00:05:57,689 --> 00:06:04,139
presence on youtube as well so we

151
00:06:00,949 --> 00:06:08,699
budgeted for and budgeted staff to

152
00:06:04,139 --> 00:06:11,069
produce for vioz now then we had to

153
00:06:08,699 --> 00:06:13,709
think about what exactly are we going to

154
00:06:11,069 --> 00:06:15,060
cover here because at the time that we

155
00:06:13,709 --> 00:06:16,419
had to make these which of course is in

156
00:06:15,060 --> 00:06:19,120
the fall of

157
00:06:16,420 --> 00:06:21,270

last year we didn't know whether

158

00:06:19,120 --> 00:06:24,519

expelled was going to be a huge success

159

00:06:21,269 --> 00:06:25,990

or whether it was going to be a flop so

160

00:06:24,519 --> 00:06:29,259

we didn't want to spend all this money

161

00:06:25,990 --> 00:06:31,629

and do all his work on a series of short

162

00:06:29,259 --> 00:06:36,039

youtube type videos that were going to

163

00:06:31,629 --> 00:06:40,000

be obsolete if you if expelled turned

164

00:06:36,040 --> 00:06:42,460

into a dead yeah so we decided to to

165

00:06:40,000 --> 00:06:44,290

talk about evolution and talk about the

166

00:06:42,459 --> 00:06:46,060

creation and evolution issue and talk

167

00:06:44,290 --> 00:06:49,510

about the things that we wanted to talk

168

00:06:46,060 --> 00:06:54,579

about but do them in a way that it would

169

00:06:49,509 --> 00:06:56,649

be relevant to diffusing expel Joey

170

00:06:54,579 --> 00:06:59,139

season so the kinds of themes that we

171

00:06:56,649 --> 00:07:01,299

talked about in our four short videos

172
00:06:59,139 --> 00:07:02,889
we're all themes that showed up and

173
00:07:01,300 --> 00:07:05,259
expel but they could also stand in the

174
00:07:02,889 --> 00:07:07,539
road right good idea yes so what we did

175
00:07:05,259 --> 00:07:10,180
is we came up with a website which we

176
00:07:07,540 --> 00:07:11,439
I'm sorry not a website we came up all

177
00:07:10,180 --> 00:07:13,449
right we did that's another thing I'll

178
00:07:11,439 --> 00:07:16,870
tell you about but we came up with a

179
00:07:13,449 --> 00:07:20,800
youtube home I guess you could call it

180
00:07:16,870 --> 00:07:23,019
called expelled exposed although at some

181
00:07:20,800 --> 00:07:25,060
point where we may change that name

182
00:07:23,019 --> 00:07:27,069
expelled did turn out to be a dud

183
00:07:25,060 --> 00:07:29,319
fortunately although it's probably going

184
00:07:27,069 --> 00:07:31,329
to have quite a quite a future and

185
00:07:29,319 --> 00:07:34,629
church basements and you know we'll be

186
00:07:31,329 --> 00:07:37,120
coping with it for years yeah but we

187
00:07:34,629 --> 00:07:39,180
also in addition to our YouTube videos

188
00:07:37,120 --> 00:07:41,470
so any of your listeners can go to

189
00:07:39,180 --> 00:07:43,420
youtube and just type in expelled

190
00:07:41,470 --> 00:07:47,140
exposed all one word and they'll get our

191
00:07:43,420 --> 00:07:52,360
videos but we also decided that we

192
00:07:47,139 --> 00:07:54,639
needed to have a detailed debunking if

193
00:07:52,360 --> 00:07:56,319
you will of the claims that are made in

194
00:07:54,639 --> 00:07:58,349
the movie you know the claims that there

195
00:07:56,319 --> 00:08:00,849
are this there are a number of

196
00:07:58,350 --> 00:08:02,379
scientists that have been discriminated

197
00:08:00,850 --> 00:08:05,860
against because of their support of

198
00:08:02,379 --> 00:08:08,139
intelligent design another nonsense so

199
00:08:05,860 --> 00:08:11,430
we did set up a separate website called

200

00:08:08,139 --> 00:08:15,399
expelled exposed calm all one word and

201
00:08:11,430 --> 00:08:18,670
at expelled exposed calm we do the good

202
00:08:15,399 --> 00:08:21,819
old wonky and CSE thing of having lots

203
00:08:18,670 --> 00:08:23,800
of information and lots of links and so

204
00:08:21,819 --> 00:08:24,939
it's your one-stop shopping if you want

205
00:08:23,800 --> 00:08:26,740
to know what's wrong with the movie

206
00:08:24,939 --> 00:08:27,480
expelled you can go to spelled exposed

207
00:08:26,740 --> 00:08:30,389
calm

208
00:08:27,480 --> 00:08:32,550
and I I've been very pleased with its

209
00:08:30,389 --> 00:08:34,710
reception that's gotten good reception

210
00:08:32,549 --> 00:08:38,149
right but the mayor's you say the movie

211
00:08:34,710 --> 00:08:42,720
itself wasn't done fortunately because

212
00:08:38,149 --> 00:08:45,059
the the mass media is so incredibly

213
00:08:42,720 --> 00:08:47,340
powerful especially compared to a little

214
00:08:45,059 --> 00:08:49,439

tiny nonprofit like us I mean we there's

215

00:08:47,340 --> 00:08:53,550

just no way we could have had the kind

216

00:08:49,440 --> 00:08:56,460

of exposure to the to the general public

217

00:08:53,549 --> 00:08:59,490

that the people who paid for expel did

218

00:08:56,460 --> 00:09:01,379

you mean they I should know this number

219

00:08:59,490 --> 00:09:04,560

exactly now except that I've sort of

220

00:09:01,379 --> 00:09:07,230

forgotten it but they released and

221

00:09:04,559 --> 00:09:09,629

something like what was it about 1400

222

00:09:07,230 --> 00:09:11,279

movie theaters nationwide died it's on

223

00:09:09,629 --> 00:09:13,889

expelled exposed to be want to look at

224

00:09:11,279 --> 00:09:16,439

it yeah and the way they promoted the

225

00:09:13,889 --> 00:09:19,919

movie was also a little bit frightening

226

00:09:16,440 --> 00:09:22,140

to us and it made us nervous the same

227

00:09:19,919 --> 00:09:27,000

company that promoted the Mel Gibson

228

00:09:22,139 --> 00:09:29,610

movie Passion of the Christ was used to

229
00:09:27,000 --> 00:09:31,620
promote expelled and they promoted it

230
00:09:29,610 --> 00:09:34,590
the same way this viral marketing where

231
00:09:31,620 --> 00:09:36,629
you have a whole series for months

232
00:09:34,590 --> 00:09:39,450
before the actual release of the movies

233
00:09:36,629 --> 00:09:43,799
you have a series of screenings of the

234
00:09:39,450 --> 00:09:46,310
movie in churches and other public

235
00:09:43,799 --> 00:09:48,389
places where where you invite

236
00:09:46,309 --> 00:09:50,369
religiously conservative generally

237
00:09:48,389 --> 00:09:53,279
conservative Christians to attend and

238
00:09:50,370 --> 00:09:55,740
see this movie for free with the goal of

239
00:09:53,279 --> 00:09:57,029
getting them all excited and revved up

240
00:09:55,740 --> 00:09:59,220
about this movie so that when it

241
00:09:57,029 --> 00:10:01,799
actually does come out in theaters they

242
00:09:59,220 --> 00:10:04,170
go to it they bring their friends you

243
00:10:01,799 --> 00:10:06,629
have a huge opening weekend and that

244
00:10:04,169 --> 00:10:09,059
gives the film legs to continue for

245
00:10:06,629 --> 00:10:11,879
several more weeks that's it worked

246
00:10:09,059 --> 00:10:14,159
beautifully for Passion of the Christ it

247
00:10:11,879 --> 00:10:18,210
worked for the first weekend for its

248
00:10:14,159 --> 00:10:21,750
belt and after the first weekend you can

249
00:10:18,210 --> 00:10:24,470
see the number of theaters the number of

250
00:10:21,750 --> 00:10:27,929
people going to expel the number of

251
00:10:24,470 --> 00:10:29,759
dollars that expel generates start a

252
00:10:27,929 --> 00:10:31,769
gradual decline yeah a fairly

253
00:10:29,759 --> 00:10:34,319
precipitous decline yeah and within six

254
00:10:31,769 --> 00:10:36,929
weeks it was out of the theaters and now

255
00:10:34,320 --> 00:10:38,490
we're eagerly awaiting the DVD release

256
00:10:36,929 --> 00:10:41,719
yeah that's going to be

257

00:10:38,490 --> 00:10:46,049
another headache for us and why we keep

258
00:10:41,720 --> 00:10:47,490
expelled exposed a comma and why are we

259
00:10:46,049 --> 00:10:50,338
hope that people will continue looking

260
00:10:47,490 --> 00:10:54,570
at our videos and YouTube because plan

261
00:10:50,339 --> 00:10:57,209
now is to get these DVDs into public

262
00:10:54,570 --> 00:10:59,370
schools and teachers are going to be

263
00:10:57,208 --> 00:11:01,379
encouraged to bring this information to

264
00:10:59,370 --> 00:11:06,480
the students and of course it's highly

265
00:11:01,379 --> 00:11:08,549
impractical it's a the movie is I forget

266
00:11:06,480 --> 00:11:11,909
exactly how long it is but it's like 90

267
00:11:08,549 --> 00:11:13,609
minutes or something I mean you can't

268
00:11:11,909 --> 00:11:15,689
show the whole thing in a classroom

269
00:11:13,610 --> 00:11:17,550
you're gonna have to just show bits and

270
00:11:15,690 --> 00:11:19,529
pieces but even so it's it's completely

271
00:11:17,549 --> 00:11:22,259

inappropriate yeah for a public school

272

00:11:19,528 --> 00:11:25,289

classroom I would say if I had to choose

273

00:11:22,259 --> 00:11:28,350

one bright point of light as it were in

274

00:11:25,289 --> 00:11:31,679

the last five years it's the kitzmiller

275

00:11:28,350 --> 00:11:35,790

versus Dover trial very famous yes yes

276

00:11:31,679 --> 00:11:38,189

we we were involved in that from the

277

00:11:35,789 --> 00:11:39,809

get-go because we were invited viding

278

00:11:38,190 --> 00:11:43,730

some of the parents in the community I

279

00:11:39,809 --> 00:11:50,250

had worked previously years ago with the

280

00:11:43,730 --> 00:11:53,700

NCSE had worked with the ACLU personnel

281

00:11:50,250 --> 00:11:56,159

in Pennsylvania so when the citizens

282

00:11:53,700 --> 00:11:59,370

decided to sue they call the ACLU the

283

00:11:56,159 --> 00:12:05,189

ACLU called us we put together a legal

284

00:11:59,370 --> 00:12:10,289

team we advised on we advise the legal

285

00:12:05,190 --> 00:12:12,540

team as to recommendations for expert

286
00:12:10,289 --> 00:12:13,980
witnesses they took our recommendations

287
00:12:12,539 --> 00:12:16,469
and we're very happy with the expert

288
00:12:13,980 --> 00:12:20,240
witnesses we also help to prepare the

289
00:12:16,470 --> 00:12:22,620
lawyers as to the positions of the

290
00:12:20,240 --> 00:12:24,870
witnesses on the other side and of

291
00:12:22,620 --> 00:12:26,339
course just to sort of educate them give

292
00:12:24,870 --> 00:12:28,980
them the background materials that they

293
00:12:26,339 --> 00:12:30,899
needed for understanding intelligent

294
00:12:28,980 --> 00:12:32,579
design understanding the history of this

295
00:12:30,899 --> 00:12:33,740
moment and it turned out that the

296
00:12:32,578 --> 00:12:37,939
history of the movement

297
00:12:33,740 --> 00:12:41,029
is critical in helping to convince the

298
00:12:37,940 --> 00:12:43,130
judge that this intelligent design was

299
00:12:41,029 --> 00:12:45,889
really just a retooled form of creation

300
00:12:43,129 --> 00:12:48,139
since good and since the courts had

301
00:12:45,889 --> 00:12:50,689
already judged that creation science was

302
00:12:48,139 --> 00:12:52,639
a constitutional to teach once we have

303
00:12:50,690 --> 00:12:57,230
linked intelligent design with creation

304
00:12:52,639 --> 00:12:58,970
science we want yeah yeah the Nuggets

305
00:12:57,230 --> 00:13:02,470
event is a famous case and I've heard

306
00:12:58,970 --> 00:13:05,480
you on other skeptical podcasts

307
00:13:02,470 --> 00:13:08,210
discussing this case at length and the

308
00:13:05,480 --> 00:13:10,009
the judgment apparently makes for very

309
00:13:08,210 --> 00:13:12,379
good reading and that's day as indeed

310
00:13:10,009 --> 00:13:15,289
that can be downloaded yes I did yeah on

311
00:13:12,379 --> 00:13:19,610
our website we have in fact on our

312
00:13:15,289 --> 00:13:22,539
website a section on evolution education

313
00:13:19,610 --> 00:13:27,259
and the law and we have not only the

314

00:13:22,539 --> 00:13:29,779
full decision of kids mother versus

315
00:13:27,259 --> 00:13:32,000
Dover but all of the court transcripts

316
00:13:29,779 --> 00:13:35,449
mmm all of the witness statements from

317
00:13:32,000 --> 00:13:38,870
both sides all of the filings on both

318
00:13:35,450 --> 00:13:42,350
sides we have the most complete origin

319
00:13:38,870 --> 00:13:46,659
could ever possibly spend time we were

320
00:13:42,350 --> 00:13:49,879
you present at the deck I attended the

321
00:13:46,659 --> 00:13:52,969
actual trial as many days as I could run

322
00:13:49,879 --> 00:13:54,830
but you know Judge Jones just didn't

323
00:13:52,970 --> 00:13:58,610
consult my speaking schedule before he

324
00:13:54,830 --> 00:14:00,710
said the Tahoe so I but it must have

325
00:13:58,610 --> 00:14:03,830
been very exciting to be there it was

326
00:14:00,710 --> 00:14:09,650
fabulous yeah yeah it was very exciting

327
00:14:03,830 --> 00:14:14,030
and I also went back in December when

328
00:14:09,649 --> 00:14:18,860

the decision was announced and was there

329

00:14:14,029 --> 00:14:20,419
with the lawyers when the federal

330

00:14:18,860 --> 00:14:22,610
district court in the Middle District of

331

00:14:20,419 --> 00:14:25,370
Pennsylvania posted the decision on a

332

00:14:22,610 --> 00:14:27,830
website and we were in the law offices

333

00:14:25,370 --> 00:14:30,850
and refreshing our screens are you know

334

00:14:27,830 --> 00:14:34,970
not 25 seconds or so anticipating this

335

00:14:30,850 --> 00:14:37,670
and we grabbed it we read it and it was

336

00:14:34,970 --> 00:14:39,950
just pandemonium or is it really oh wow

337

00:14:37,669 --> 00:14:43,599
it was great people course the lawyers

338

00:14:39,950 --> 00:14:43,600
went to the last page

339

00:14:44,120 --> 00:14:48,799
was the page that they wanted room I of

340

00:14:46,070 --> 00:14:53,390
course started really we want yeah and

341

00:14:48,799 --> 00:14:57,500
and we won we didn't just win but we won

342

00:14:53,389 --> 00:15:00,019
big yeah yeah it could have been decided

343
00:14:57,500 --> 00:15:02,690
it could have been decided very narrowly

344
00:15:00,019 --> 00:15:04,730
could have been decided that intelligent

345
00:15:02,690 --> 00:15:07,670
design that the policy that the Dover

346
00:15:04,730 --> 00:15:10,490
school district had on teaching

347
00:15:07,669 --> 00:15:12,199
intelligent design was unconstitutional

348
00:15:10,490 --> 00:15:14,480
because the purpose of the school board

349
00:15:12,200 --> 00:15:17,450
members in proposing isn't pushing it

350
00:15:14,480 --> 00:15:18,920
through really ramrodding a true was to

351
00:15:17,450 --> 00:15:21,770
promote religion it could have been

352
00:15:18,919 --> 00:15:24,889
decided on that very narrow ground but

353
00:15:21,769 --> 00:15:27,559
actually both sides had asked the judge

354
00:15:24,889 --> 00:15:29,809
to make a ruling on whether intelligent

355
00:15:27,559 --> 00:15:32,719
design was or was not science well and

356
00:15:29,809 --> 00:15:34,309
even though the cautious thing for the

357
00:15:32,720 --> 00:15:36,440
judge would have been just to have taken

358
00:15:34,309 --> 00:15:42,259
the one point that would have been

359
00:15:36,440 --> 00:15:44,930
sufficient to to disallow the policy as

360
00:15:42,259 --> 00:15:47,299
he wrote in the decision he spent all

361
00:15:44,929 --> 00:15:50,149
this time looking at this huge record

362
00:15:47,299 --> 00:15:53,269
having all of this expert testimony on

363
00:15:50,149 --> 00:15:54,919
science and I forget exactly the

364
00:15:53,269 --> 00:15:57,319
phrasing that the judge used in the

365
00:15:54,919 --> 00:16:00,708
decision but something like I would like

366
00:15:57,320 --> 00:16:02,930
to to prevent this kind of waste of time

367
00:16:00,708 --> 00:16:04,909
and resources been some other judge so

368
00:16:02,929 --> 00:16:06,979
you know basically he did what both

369
00:16:04,909 --> 00:16:08,899
sides asked him to do and did rule on

370
00:16:06,980 --> 00:16:11,000
whether or not intelligent design

371

00:16:08,899 --> 00:16:12,769
besides do you think the other side was

372
00:16:11,000 --> 00:16:15,649
surprised so they could see this coming

373
00:16:12,769 --> 00:16:19,699
I think it was probably quite clear to

374
00:16:15,649 --> 00:16:21,860
the other side that we had put on a much

375
00:16:19,700 --> 00:16:26,110
much better show but you know the

376
00:16:21,860 --> 00:16:26,110
interesting thing was that the judge

377
00:16:27,039 --> 00:16:34,009
really conducted the case with

378
00:16:30,470 --> 00:16:36,100
excruciating fairness both sides felt

379
00:16:34,009 --> 00:16:38,838
that they had had a chance to present

380
00:16:36,100 --> 00:16:41,180
anything they wanted to present I mean

381
00:16:38,839 --> 00:16:44,570
if you if you read the transcripts

382
00:16:41,179 --> 00:16:48,019
you'll see things like the judge saying

383
00:16:44,570 --> 00:16:50,150
you know one side would eject say and

384
00:16:48,019 --> 00:16:52,610
the judge would say what's the objection

385
00:16:50,149 --> 00:16:54,139

and one side would say why they think

386

00:16:52,610 --> 00:16:55,340

the testimony should have been stopped

387

00:16:54,139 --> 00:16:57,620

at that point

388

00:16:55,340 --> 00:16:59,690

in most cases the judge would say

389

00:16:57,620 --> 00:17:01,490

something like well you know i'll go

390

00:16:59,690 --> 00:17:04,519

ahead and hear it anyway since it's a

391

00:17:01,490 --> 00:17:06,950

bench trial the idea being that since he

392

00:17:04,519 --> 00:17:10,389

was a judge rather than a jury if it

393

00:17:06,950 --> 00:17:14,569

turned out that the way that the

394

00:17:10,390 --> 00:17:16,730

objective of Train of testimony was

395

00:17:14,569 --> 00:17:18,409

going did turn out to be something that

396

00:17:16,730 --> 00:17:20,599

was irrelevant or objectionable in some

397

00:17:18,410 --> 00:17:21,710

way then he would just disallow it in

398

00:17:20,599 --> 00:17:23,240

his mind and he could do that because

399

00:17:21,710 --> 00:17:26,230

he's a judge and he's used to doing that

400
00:17:23,240 --> 00:17:29,150
wrong a jury you'd be more cautious and

401
00:17:26,230 --> 00:17:31,579
although he did uphold some objections

402
00:17:29,150 --> 00:17:34,640
clearly but by and large his whole

403
00:17:31,579 --> 00:17:36,710
attitude was you know give me as much

404
00:17:34,640 --> 00:17:40,009
information as you possibly can because

405
00:17:36,710 --> 00:17:43,370
I want to hear the full presentation of

406
00:17:40,009 --> 00:17:45,589
both sides views and and both of both

407
00:17:43,369 --> 00:17:47,149
sides the lawyers from both sides have

408
00:17:45,589 --> 00:17:49,309
complimented him on that and this is

409
00:17:47,150 --> 00:17:50,810
after the decision I mean they did heal

410
00:17:49,309 --> 00:17:54,589
that they got it that's good it's very

411
00:17:50,809 --> 00:17:59,649
good and the judge was not somebody who

412
00:17:54,589 --> 00:18:02,980
on paper you would think is going to

413
00:17:59,650 --> 00:18:07,820
jump over there next to the ACLU right

414
00:18:02,980 --> 00:18:10,610
the judge was a Republican he had been

415
00:18:07,819 --> 00:18:13,429
nominated for the federal district judge

416
00:18:10,609 --> 00:18:15,199
ship position by a very very

417
00:18:13,430 --> 00:18:18,350
conservative Pennsylvania senator

418
00:18:15,200 --> 00:18:20,900
senator Santorum he had been appointed

419
00:18:18,349 --> 00:18:25,129
by George Bush the new president the

420
00:18:20,900 --> 00:18:27,140
current he was a churchgoer he was

421
00:18:25,130 --> 00:18:30,790
viewed as a conservative Republican I

422
00:18:27,140 --> 00:18:33,350
mean there's you know he's in fact the

423
00:18:30,789 --> 00:18:35,450
intelligent design blogs were crowing

424
00:18:33,349 --> 00:18:37,699
before the trial about it oh this guy's

425
00:18:35,450 --> 00:18:40,160
in our pocket huh or I'll bet they're

426
00:18:37,700 --> 00:18:43,880
really worried about him and yeah we

427
00:18:40,160 --> 00:18:45,710
really didn't know he turned out to be

428

00:18:43,880 --> 00:18:48,710
though a very broad minded and

429
00:18:45,710 --> 00:18:52,100
independent minded judge and actually a

430
00:18:48,710 --> 00:18:55,789
quite courageous judge I mean I assume

431
00:18:52,099 --> 00:18:58,099
that he has some political ambitions I

432
00:18:55,789 --> 00:18:59,839
mean most district court judges would

433
00:18:58,099 --> 00:19:02,629
love to be appointed to the appeals

434
00:18:59,839 --> 00:19:05,059
court which is the next layer the next

435
00:19:02,630 --> 00:19:06,169
level I don't know I mean I've never

436
00:19:05,059 --> 00:19:07,908
asked him he's never

437
00:19:06,169 --> 00:19:10,009
engine did but it wouldn't be surprising

438
00:19:07,909 --> 00:19:12,460
he ran for office in Pennsylvania

439
00:19:10,009 --> 00:19:17,329
clearly has some political aspirations

440
00:19:12,460 --> 00:19:20,600
and frankly coming up with this decision

441
00:19:17,329 --> 00:19:23,720
is a pretty unpopular thing to do in a

442
00:19:20,599 --> 00:19:26,118

Republican administration he did not

443

00:19:23,720 --> 00:19:27,558

take the easy way out now the easy way

444

00:19:26,118 --> 00:19:29,720

out would have been to have done that

445

00:19:27,558 --> 00:19:31,668

very very narrow decision just on the

446

00:19:29,720 --> 00:19:35,269

basis of the reality of the school board

447

00:19:31,669 --> 00:19:37,220

member yeah but he did he issued his

448

00:19:35,269 --> 00:19:39,470

broad decision and he went over the

449

00:19:37,220 --> 00:19:42,528

evidence for why intelligent design is

450

00:19:39,470 --> 00:19:45,108

not science and the reason why that's

451

00:19:42,528 --> 00:19:47,440

important by the way to both sides is

452

00:19:45,108 --> 00:19:53,470

the way the American legal system works

453

00:19:47,440 --> 00:20:00,558

sayang church and state separation if a

454

00:19:53,470 --> 00:20:05,538

law or regulation like Dover's has a

455

00:20:00,558 --> 00:20:07,548

secular purpose it's it's it's okay to

456

00:20:05,538 --> 00:20:10,398

do it even if it has maybe maybe a

457
00:20:07,548 --> 00:20:11,720
slight religious implication or

458
00:20:10,398 --> 00:20:14,118
something if that's kind of just

459
00:20:11,720 --> 00:20:16,009
secondary you know I mean if you're you

460
00:20:14,118 --> 00:20:19,158
know if you're if you're feeding the

461
00:20:16,009 --> 00:20:21,829
hungry right and this is something that

462
00:20:19,159 --> 00:20:23,210
Jesus said to do nonetheless feeding the

463
00:20:21,829 --> 00:20:25,099
hungry is still a good thing to do for

464
00:20:23,210 --> 00:20:26,509
society so there is a good secular

465
00:20:25,099 --> 00:20:28,308
reason to feed the hungry you're not

466
00:20:26,509 --> 00:20:31,788
necessarily doing it just for you to

467
00:20:28,308 --> 00:20:33,618
promoting religious anyway Wow so the

468
00:20:31,788 --> 00:20:36,528
whole argument of the intelligent design

469
00:20:33,618 --> 00:20:39,048
people was that intelligent design is a

470
00:20:36,528 --> 00:20:41,898
new science students should be exposed

471
00:20:39,048 --> 00:20:44,298
to this wonderful new science and it

472
00:20:41,898 --> 00:20:50,329
especially would be good pedagogically

473
00:20:44,298 --> 00:20:52,339
for students to weigh intelligent design

474
00:20:50,329 --> 00:20:54,739
against evolution and as a critical

475
00:20:52,339 --> 00:20:58,459
thinking kind of exercise you know them

476
00:20:54,739 --> 00:21:00,259
struggle together and so forth if that

477
00:20:58,460 --> 00:21:02,450
were the case then there would be a

478
00:21:00,259 --> 00:21:04,759
secular reason to teach intelligent

479
00:21:02,450 --> 00:21:08,179
design and the bull at the Dover policy

480
00:21:04,759 --> 00:21:10,249
might might have stood but our side of

481
00:21:08,179 --> 00:21:12,649
the argument was that that was rubbish

482
00:21:10,249 --> 00:21:15,529
that intelligent design was just thinly

483
00:21:12,648 --> 00:21:17,750
disguised creationists yeah

484
00:21:15,529 --> 00:21:20,569
and there was really no secular reason

485

00:21:17,750 --> 00:21:23,269
there's no good pedagogical reason to

486
00:21:20,569 --> 00:21:26,839
teach kids bad science and so the the

487
00:21:23,269 --> 00:21:29,389
argument for good pedagogy or certainly

488
00:21:26,839 --> 00:21:31,970
failed and the argument that intelligent

489
00:21:29,390 --> 00:21:33,920
design was valid science fails well but

490
00:21:31,970 --> 00:21:36,019
the other the other side must have gone

491
00:21:33,920 --> 00:21:37,940
into this thinking they have a good shot

492
00:21:36,019 --> 00:21:41,299
at winning they did I mean do you think

493
00:21:37,940 --> 00:21:43,340
that that would I deal with a lot of

494
00:21:41,299 --> 00:21:48,919
time of people who claim to have psychic

495
00:21:43,339 --> 00:21:50,990
power and I'm often in in the position

496
00:21:48,920 --> 00:21:54,950
of thinking in my own mind now are these

497
00:21:50,990 --> 00:21:56,870
people sincerely deluded or or do they

498
00:21:54,950 --> 00:21:59,269
know they don't have any psychic power

499
00:21:56,869 --> 00:22:02,629

and they're just conning people people

500

00:21:59,269 --> 00:22:05,809

going into this trial brought about this

501

00:22:02,630 --> 00:22:07,580

trial I'm would guessing would probably

502

00:22:05,809 --> 00:22:10,940

be in the kappa day sincerely believe

503

00:22:07,579 --> 00:22:14,029

it's absolutely real thing that that

504

00:22:10,940 --> 00:22:16,220

certainly is my impression yeah I'm sure

505

00:22:14,029 --> 00:22:18,529

that Michael Behe and Scott men

506

00:22:16,220 --> 00:22:21,410

according to expert witnesses and the

507

00:22:18,529 --> 00:22:23,930

science side of things I am sure that

508

00:22:21,410 --> 00:22:28,930

they firmly believe that intelligent

509

00:22:23,930 --> 00:22:31,190

design is a new scientific approach yeah

510

00:22:28,930 --> 00:22:35,570

basically they had to do two things on

511

00:22:31,190 --> 00:22:38,450

their side they had to make the argument

512

00:22:35,569 --> 00:22:41,839

that intelligent design was good science

513

00:22:38,450 --> 00:22:45,380

was a valid science was really science

514
00:22:41,839 --> 00:22:47,659
and you know it was was a good way of

515
00:22:45,380 --> 00:22:53,150
understanding nature and secondly this

516
00:22:47,660 --> 00:22:55,340
pedagogical argument that it's a good

517
00:22:53,150 --> 00:22:57,200
thing to teach to give students these

518
00:22:55,339 --> 00:23:00,759
alternate views and let them wrestle

519
00:22:57,200 --> 00:23:03,380
with it in a critical thinking exercise

520
00:23:00,759 --> 00:23:04,879
what the other side had to do when kids

521
00:23:03,380 --> 00:23:06,770
mother versus Dover is show that

522
00:23:04,880 --> 00:23:10,160
intelligent design was good science

523
00:23:06,769 --> 00:23:14,480
valid science and secondly to show that

524
00:23:10,160 --> 00:23:17,990
evolution was really weak science just a

525
00:23:14,480 --> 00:23:20,150
theory just a theory well in fact the

526
00:23:17,990 --> 00:23:23,000
fairy not fact also came into the

527
00:23:20,150 --> 00:23:25,580
apology and the Dover teachers were

528
00:23:23,000 --> 00:23:27,349
fighting against but they they were

529
00:23:25,579 --> 00:23:28,460
going to attack evolution and they were

530
00:23:27,349 --> 00:23:32,029
going to

531
00:23:28,460 --> 00:23:34,340
hold up intelligent design as as a valid

532
00:23:32,029 --> 00:23:37,430
science and of course our job was to

533
00:23:34,339 --> 00:23:39,259
knock both of those off so we did have

534
00:23:37,430 --> 00:23:42,560
to spend some time showing that

535
00:23:39,259 --> 00:23:44,839
evolution was valid science that it was

536
00:23:42,559 --> 00:23:46,669
accepted by the vast majority of the

537
00:23:44,839 --> 00:23:49,250
scientific community and actually that

538
00:23:46,670 --> 00:23:52,310
doesn't take very long but we also had

539
00:23:49,250 --> 00:23:55,430
to attack intelligent design showing

540
00:23:52,309 --> 00:23:58,039
number one that it was not science

541
00:23:55,430 --> 00:23:59,870
because it didn't follow the kind of

542

00:23:58,039 --> 00:24:01,789
basic ground rules of science which is

543
00:23:59,869 --> 00:24:05,359
you have to restrict yourself to natural

544
00:24:01,789 --> 00:24:07,549
causes yeah and secondly that you know

545
00:24:05,359 --> 00:24:09,679
even even if you argued about the

546
00:24:07,549 --> 00:24:11,629
demarcation of science and on science

547
00:24:09,680 --> 00:24:14,560
and I know it's philosophers of science

548
00:24:11,630 --> 00:24:17,330
ruler out of that but even if you

549
00:24:14,559 --> 00:24:21,649
accepted intelligent design as some kind

550
00:24:17,329 --> 00:24:24,139
of science its claims were wrong I mean

551
00:24:21,650 --> 00:24:25,730
the things that says about irreducible

552
00:24:24,140 --> 00:24:27,830
complex to you or the bacterial

553
00:24:25,730 --> 00:24:29,509
flagellum the blood clotting system or

554
00:24:27,829 --> 00:24:32,299
any of these other examples the things

555
00:24:29,509 --> 00:24:36,170
that it says about nature are just wrong

556
00:24:32,299 --> 00:24:39,980

so what possible pedagogical value would

557

00:24:36,170 --> 00:24:45,110

there be to teaching kids a science that

558

00:24:39,980 --> 00:24:49,160

was wrong number one and number two was

559

00:24:45,109 --> 00:24:53,509

arguably not science at all mmm so the

560

00:24:49,160 --> 00:24:56,240

policy failed on both points and I it

561

00:24:53,509 --> 00:24:59,240

was a wonderful experience to it and a

562

00:24:56,240 --> 00:25:02,240

real it was really exhausting i just

563

00:24:59,240 --> 00:25:03,589

didn't want the staff work so hard i

564

00:25:02,240 --> 00:25:05,299

better what do you happen to know

565

00:25:03,589 --> 00:25:08,539

whether there are audio recordings of

566

00:25:05,299 --> 00:25:11,299

the trial nope hmm only transcripts so

567

00:25:08,539 --> 00:25:13,430

well I think it's good a lot laughs so

568

00:25:11,299 --> 00:25:16,329

you can get out you can yeah you can see

569

00:25:13,430 --> 00:25:18,500

you actually there would have been I

570

00:25:16,329 --> 00:25:20,449

mean I don't know I don't know if that's

571
00:25:18,500 --> 00:25:22,039
normally not I don't know I know it did

572
00:25:20,450 --> 00:25:24,620
toys transcripts in the trial of course

573
00:25:22,039 --> 00:25:27,879
I don't think that there is a recording

574
00:25:24,619 --> 00:25:30,829
I think I think you only have the

575
00:25:27,880 --> 00:25:33,778
transfer hmm hmm that's interesting well

576
00:25:30,829 --> 00:25:38,128
what man what's what's next Willy

577
00:25:33,778 --> 00:25:40,589
national cinema well this fall we

578
00:25:38,128 --> 00:25:43,319
anticipate when some of the state

579
00:25:40,589 --> 00:25:48,298
legislators come back into session that

580
00:25:43,319 --> 00:25:51,269
there is going to be a flurry of bills

581
00:25:48,298 --> 00:25:56,700
proposed variously around the country to

582
00:25:51,269 --> 00:26:00,628
promote a type of law called an academic

583
00:25:56,700 --> 00:26:04,129
freedom act there's a boilerplate for

584
00:26:00,628 --> 00:26:06,538
this that's been being pushed by the

585
00:26:04,128 --> 00:26:10,439
Discovery Institute up in Seattle the

586
00:26:06,538 --> 00:26:13,739
intelligent design think tank and this

587
00:26:10,440 --> 00:26:16,349
these are very clever approaches the

588
00:26:13,739 --> 00:26:19,019
academic freedom act is basically

589
00:26:16,348 --> 00:26:21,868
permissive rather than requiring the

590
00:26:19,019 --> 00:26:24,838
teaching of X Y or Z yeah which means

591
00:26:21,868 --> 00:26:28,918
that it's a little harder to go after

592
00:26:24,838 --> 00:26:30,928
legally you kind of for most of these

593
00:26:28,919 --> 00:26:34,499
bills you kind of have to wait until it

594
00:26:30,929 --> 00:26:35,999
actually plays out in a classroom you

595
00:26:34,499 --> 00:26:40,139
have to wait until the teacher actually

596
00:26:35,999 --> 00:26:43,679
teaches the bad stuff and then you know

597
00:26:40,138 --> 00:26:46,168
find out about it see if you can get

598
00:26:43,679 --> 00:26:50,580
somebody with standing within that class

599

00:26:46,169 --> 00:26:53,460
to sue it's much much much harder to do

600
00:26:50,579 --> 00:26:56,249
what the lawyers call an as-applied case

601
00:26:53,460 --> 00:26:58,919
as opposed to making a facial challenge

602
00:26:56,249 --> 00:27:01,710
challenge on the face of the bill which

603
00:26:58,919 --> 00:27:04,200
is what we didn't over the Dover policy

604
00:27:01,710 --> 00:27:05,999
on its face was unconstitutional we made

605
00:27:04,200 --> 00:27:07,588
a facial challenge it would have been

606
00:27:05,999 --> 00:27:10,200
much much more difficult if we had to

607
00:27:07,588 --> 00:27:12,690
have waited until a teacher applied that

608
00:27:10,200 --> 00:27:14,669
the policy in the classroom and that's

609
00:27:12,690 --> 00:27:17,669
what these academic freedom acts are

610
00:27:14,669 --> 00:27:19,679
going to devolve to us mmm so it's a

611
00:27:17,669 --> 00:27:24,269
much trickier legal strategy for them

612
00:27:19,679 --> 00:27:30,359
and then basically what these AFA bills

613
00:27:24,269 --> 00:27:34,200

are doing is allowing or encouraging

614

00:27:30,358 --> 00:27:36,088

teachers to not bring in intelligent

615

00:27:34,200 --> 00:27:40,288

design or not bring in traditional

616

00:27:36,088 --> 00:27:41,849

creationism but to bring in the evidence

617

00:27:40,288 --> 00:27:45,929

against evolution if you

618

00:27:41,849 --> 00:27:48,629

to teach evolution but do a critical

619

00:27:45,929 --> 00:27:50,640

analysis of a year which sounds good

620

00:27:48,630 --> 00:27:52,799

which sounds great around unless you

621

00:27:50,640 --> 00:27:54,809

actually see what they mean by a

622

00:27:52,798 --> 00:27:57,298

critical analysis of evolution because

623

00:27:54,808 --> 00:27:59,910

they don't mean critical analysis in the

624

00:27:57,298 --> 00:28:01,619

sense that most of us especially those

625

00:27:59,910 --> 00:28:03,990

those of us from the sciences would use

626

00:28:01,619 --> 00:28:06,178

it to them a critical analysis of

627

00:28:03,990 --> 00:28:09,259

evolution is criticized evidence Raj

628
00:28:06,179 --> 00:28:11,940
it's an attack on evolution yes yes

629
00:28:09,259 --> 00:28:13,890
similarly with strengths and weaknesses

630
00:28:11,940 --> 00:28:16,230
of evolution that's another phrase that

631
00:28:13,890 --> 00:28:19,320
you hear in this context and if you

632
00:28:16,230 --> 00:28:21,210
actually ask for proponents well what

633
00:28:19,319 --> 00:28:23,759
exactly do you want us to teach because

634
00:28:21,210 --> 00:28:26,850
I go to science magazine or I go to

635
00:28:23,759 --> 00:28:28,859
nature I go to bio science I go to any

636
00:28:26,849 --> 00:28:30,329
of the other science journals and I see

637
00:28:28,859 --> 00:28:32,369
lots of evolution I don't see any

638
00:28:30,329 --> 00:28:34,379
weaknesses of evolution and what exactly

639
00:28:32,369 --> 00:28:37,319
is a teacher is supposed to teach in a

640
00:28:34,380 --> 00:28:38,880
classroom and what you'll find is that

641
00:28:37,319 --> 00:28:42,298
they're recommending things like

642
00:28:38,880 --> 00:28:44,220
Jonathan Wells icons of evolution or a

643
00:28:42,298 --> 00:28:46,980
brand new book that the Discovery

644
00:28:44,220 --> 00:28:51,929
Institute came out with last year early

645
00:28:46,980 --> 00:28:54,750
this year called explore evolution which

646
00:28:51,929 --> 00:28:56,940
is intended to be a supplement to a

647
00:28:54,750 --> 00:28:59,220
regular high school biology textbook

648
00:28:56,940 --> 00:29:00,330
which actually has very little evolution

649
00:28:59,220 --> 00:29:02,548
and that most of them are pretty

650
00:29:00,329 --> 00:29:04,109
worthless frankly and then you have this

651
00:29:02,548 --> 00:29:06,269
whole book telling students why

652
00:29:04,109 --> 00:29:09,240
evolution is a lot of nonsense how

653
00:29:06,269 --> 00:29:11,639
evolution really is terribly bad sex but

654
00:29:09,240 --> 00:29:13,859
so these bills encourage the use of

655
00:29:11,640 --> 00:29:17,730
those kinds of instruction as these

656

00:29:13,859 --> 00:29:19,500
books will will criticize evolution but

657
00:29:17,730 --> 00:29:21,419
they don't know proposing alternative

658
00:29:19,500 --> 00:29:24,869
they just how you evolution yes network

659
00:29:21,419 --> 00:29:27,870
doesn't work mmm because of course they

660
00:29:24,869 --> 00:29:30,569
know that students tend to think

661
00:29:27,869 --> 00:29:33,269
dichotomously hmm either creation oh

662
00:29:30,569 --> 00:29:35,639
yeah yeah so if you disprove that prove

663
00:29:33,269 --> 00:29:38,609
evolution for creationism is the only

664
00:29:35,640 --> 00:29:40,679
guy left saying yeah so you disprove

665
00:29:38,609 --> 00:29:43,259
evolution as a way to prove creation

666
00:29:40,679 --> 00:29:45,809
well and because the courts have said

667
00:29:43,259 --> 00:29:47,369
you cannot teach creationism in the

668
00:29:45,808 --> 00:29:49,220
public schools because that's an

669
00:29:47,369 --> 00:29:51,649
establishment of religion argument

670
00:29:49,220 --> 00:29:53,569

they don't bother mentioning the c-word

671

00:29:51,650 --> 00:29:56,419

at all they just attack evolution it's

672

00:29:53,569 --> 00:29:59,058

it makes for a a much more difficult

673

00:29:56,419 --> 00:30:00,650

legal strategy for us to cope with well

674

00:29:59,058 --> 00:30:02,450

I don't envy you but I'm glad you're out

675

00:30:00,650 --> 00:30:06,460

there doing it well thank you so much

676

00:30:02,450 --> 00:30:06,460

thank you Jeannie good talking to her

677

00:30:10,670 --> 00:30:16,350

dr. Paul Willis is a paleontologist

678

00:30:13,759 --> 00:30:18,390

television science presenter here in

679

00:30:16,349 --> 00:30:20,909

Australia and a longtime friend of the

680

00:30:18,390 --> 00:30:23,280

skeptics we caught up with Paul earlier

681

00:30:20,910 --> 00:30:25,590

in the year during a skeptics meeting in

682

00:30:23,279 --> 00:30:30,559

the country town of Wagga Wagga here

683

00:30:25,589 --> 00:30:33,059

Paul talks to zone reporter Jason cook

684

00:30:30,559 --> 00:30:34,679

hi we're here with dr. Paul with us at

685
00:30:33,059 --> 00:30:38,250
the Australian skeptics convention at

686
00:30:34,680 --> 00:30:41,220
wagah Paul is a paleontologist and

687
00:30:38,250 --> 00:30:43,980
science reporter Oh first up how did you

688
00:30:41,220 --> 00:30:46,110
begin working in science journalism and

689
00:30:43,980 --> 00:30:48,120
I got to the end of a PhD in

690
00:30:46,109 --> 00:30:49,859
paleontology and it came as a complete

691
00:30:48,119 --> 00:30:51,389
shock to me after nine years of study

692
00:30:49,859 --> 00:30:52,500
that no one actually wants to employ

693
00:30:51,390 --> 00:30:56,490
someone just because they know a lot

694
00:30:52,500 --> 00:30:58,440
about dead crocodiles and i bummed

695
00:30:56,490 --> 00:31:01,019
around for a couple of years doing

696
00:30:58,440 --> 00:31:02,610
freelance writing here and there not

697
00:31:01,019 --> 00:31:06,299
really making much of a go of it and

698
00:31:02,609 --> 00:31:08,759
then there was some adverts in New

699
00:31:06,299 --> 00:31:13,190
Scientist magazine for three positions

700
00:31:08,759 --> 00:31:17,549
at the ABC where I currently work as

701
00:31:13,190 --> 00:31:21,210
science broadcast trainees and we were

702
00:31:17,549 --> 00:31:24,480
trained in radio television and online

703
00:31:21,210 --> 00:31:26,309
of the three years and i'm pleased to

704
00:31:24,480 --> 00:31:31,500
say all three of us are still there so

705
00:31:26,309 --> 00:31:34,740
we've stuck around prior to that while I

706
00:31:31,500 --> 00:31:37,049
was completing my PhD my supervisor my

707
00:31:34,740 --> 00:31:39,839
culture was very strongly of the opinion

708
00:31:37,049 --> 00:31:42,210
that while we were doing public science

709
00:31:39,839 --> 00:31:44,699
publicly funded science we had an

710
00:31:42,210 --> 00:31:48,720
obligation to communicate that back to

711
00:31:44,700 --> 00:31:50,610
the general public and so we were always

712
00:31:48,720 --> 00:31:53,160
encouraged to do public lectures to

713

00:31:50,609 --> 00:31:55,500
Donna radio to write articles about the

714
00:31:53,160 --> 00:31:57,600
work that we were doing and that was a

715
00:31:55,500 --> 00:31:59,960
good preliminary for me to get into

716
00:31:57,599 --> 00:32:02,579
science journalism yeah definitely and

717
00:31:59,960 --> 00:32:05,759
have you ever had any confrontations

718
00:32:02,579 --> 00:32:08,799
with I guess young earth creation and is

719
00:32:05,759 --> 00:32:11,109
intelligent design people yeah

720
00:32:08,799 --> 00:32:16,180
I've been arguing with them since I was

721
00:32:11,109 --> 00:32:20,169
in primary school and there was it

722
00:32:16,180 --> 00:32:24,610
culminated recently in a debate say

723
00:32:20,170 --> 00:32:26,680
recently 2003 I debated a creationist

724
00:32:24,609 --> 00:32:30,339
called Carl Whelan do was at that time

725
00:32:26,680 --> 00:32:31,960
head of the artists in Genesis how I

726
00:32:30,339 --> 00:32:35,949
don't know what their name is this week

727
00:32:31,960 --> 00:32:38,980

I seem to change Olivia lasers that was

728

00:32:35,950 --> 00:32:40,630
at an assembly of god church in Brisbane

729

00:32:38,980 --> 00:32:42,789
in the suburbs of brisbane one and a

730

00:32:40,630 --> 00:32:44,320
half thousand people I think I was

731

00:32:42,789 --> 00:32:49,930
probably the only evolutions been the

732

00:32:44,319 --> 00:32:51,579
audience and I the thing annoyed me

733

00:32:49,930 --> 00:32:55,690
about that debate is a couple of things

734

00:32:51,579 --> 00:32:58,000
one is I found out afterwards that prior

735

00:32:55,690 --> 00:33:00,070
to that debate for the preceding three

736

00:32:58,000 --> 00:33:01,779
weeks they've had someone from answers

737

00:33:00,069 --> 00:33:03,639
in genesis going on talking to our

738

00:33:01,779 --> 00:33:06,180
congregation about how to do with

739

00:33:03,640 --> 00:33:11,410
evolutionists so they had set a trap

740

00:33:06,180 --> 00:33:12,759
bill differently I thought I'd couldn't

741

00:33:11,410 --> 00:33:15,910
acquit himself pretty well in that

742
00:33:12,759 --> 00:33:18,460
debate and most people who have got back

743
00:33:15,910 --> 00:33:20,500
to me and have seen that debate or the

744
00:33:18,460 --> 00:33:23,289
DVD that came out about it think that I

745
00:33:20,500 --> 00:33:24,910
was pretty convincing and if the debate

746
00:33:23,289 --> 00:33:27,549
was awarded that they would have awarded

747
00:33:24,910 --> 00:33:29,080
it to me the recurring point I keep

748
00:33:27,549 --> 00:33:31,480
making and this is the point that

749
00:33:29,079 --> 00:33:34,569
anybody talking to a creationist means

750
00:33:31,480 --> 00:33:36,789
to make don't give me what you think is

751
00:33:34,569 --> 00:33:39,339
evidence against evolution give me a

752
00:33:36,789 --> 00:33:42,369
single piece of evidence that tells you

753
00:33:39,339 --> 00:33:44,769
the creation is correct they can't do

754
00:33:42,369 --> 00:33:46,929
that that I never will I challenge Cole

755
00:33:44,769 --> 00:33:49,029
numerous times for that debate with that

756
00:33:46,930 --> 00:33:50,500
exact line and he did not come up with a

757
00:33:49,029 --> 00:33:55,029
single piece of evidence that

758
00:33:50,500 --> 00:33:57,910
demonstrates creationism is correct the

759
00:33:55,029 --> 00:34:00,069
other thing that annoyed me is despite

760
00:33:57,910 --> 00:34:03,340
the fact that there was a written

761
00:34:00,069 --> 00:34:05,439
agreement of our proceeds and royalties

762
00:34:03,339 --> 00:34:08,230
in which I was supposed to get a check

763
00:34:05,440 --> 00:34:12,159
for sales I found out that they've been

764
00:34:08,230 --> 00:34:14,889
peddling these insane them worldwide and

765
00:34:12,159 --> 00:34:16,569
I have yet to see a red cent when I

766
00:34:14,889 --> 00:34:20,329
mentioned it to them they made some poor

767
00:34:16,570 --> 00:34:26,600
tree offer the thing that

768
00:34:20,329 --> 00:34:28,940
me about that is that it's it gets to

769
00:34:26,599 --> 00:34:30,860
the heart of the way that creationists

770

00:34:28,940 --> 00:34:33,139
are allowed to operate within the

771
00:34:30,860 --> 00:34:35,690
Christian community mmm because

772
00:34:33,139 --> 00:34:37,489
Christians do not think that fellow

773
00:34:35,690 --> 00:34:41,050
Christians are going to be telling them

774
00:34:37,489 --> 00:34:44,779
lies or a triumph of cheaper yeah and

775
00:34:41,050 --> 00:34:47,360
creationists tell lies and they cheat as

776
00:34:44,780 --> 00:34:49,160
though the mantra bleedin in my case and

777
00:34:47,360 --> 00:34:50,900
they get away with it because they

778
00:34:49,159 --> 00:34:53,629
they're Christians and fellow Christians

779
00:34:50,900 --> 00:34:56,780
don't suspect them I go in there I admit

780
00:34:53,630 --> 00:34:59,750
that I'm an atheist I'm openly skeptical

781
00:34:56,780 --> 00:35:03,019
on the anti-creationists therefore

782
00:34:59,750 --> 00:35:07,250
anything I say is tainted in their eyes

783
00:35:03,019 --> 00:35:08,869
and it's something if any of you get

784
00:35:07,250 --> 00:35:12,739

into a debate with creationist keep it

785

00:35:08,869 --> 00:35:16,460

in mind that that you know it's a lost

786

00:35:12,739 --> 00:35:19,279

cause anyway because we will never win

787

00:35:16,460 --> 00:35:22,309

the debate but if we don't debate them

788

00:35:19,280 --> 00:35:25,550

we will lose yeah so it's important that

789

00:35:22,309 --> 00:35:27,230

we are continuing to present ourselves

790

00:35:25,550 --> 00:35:29,360

present the arguments against

791

00:35:27,230 --> 00:35:32,869

creationism in public fora so that

792

00:35:29,360 --> 00:35:35,000

people can see that there is this other

793

00:35:32,869 --> 00:35:37,699

school of four called evolution and

794

00:35:35,000 --> 00:35:39,679

science and the creationism does not

795

00:35:37,699 --> 00:35:41,509

have a leg to stand on it doesn't have

796

00:35:39,679 --> 00:35:43,549

that evidence unless that we keep

797

00:35:41,510 --> 00:35:45,050

putting that message up they will win

798

00:35:43,550 --> 00:35:48,380

because they're very good at marketing

799

00:35:45,050 --> 00:35:49,880

their nonsense extremely good hmm

800

00:35:48,380 --> 00:35:51,740

they've already got an audience of

801

00:35:49,880 --> 00:35:57,880

constant thing of an audience exactly

802

00:35:51,739 --> 00:36:00,949

yeah and because the university

803

00:35:57,880 --> 00:36:03,950

environment which is really the breeding

804

00:36:00,949 --> 00:36:06,769

ground in many respects of of hardcore

805

00:36:03,949 --> 00:36:08,359

creationism because that's continually

806

00:36:06,769 --> 00:36:11,690

getting a turnover at new students

807

00:36:08,360 --> 00:36:15,019

coming through each year every year is

808

00:36:11,690 --> 00:36:17,840

gang gang zero your back to to your

809

00:36:15,019 --> 00:36:20,179

starting blocks because that and they

810

00:36:17,840 --> 00:36:21,590

know this so each year they will you

811

00:36:20,179 --> 00:36:23,869

know they'll come out with some

812

00:36:21,590 --> 00:36:26,809

creations will come and talk on campus

813
00:36:23,869 --> 00:36:29,039
and because they know they've got a new

814
00:36:26,809 --> 00:36:31,259
flock has talked and they can try

815
00:36:29,039 --> 00:36:33,929
the same discredited arguments they can

816
00:36:31,260 --> 00:36:36,050
bring out the same old bull nothing that

817
00:36:33,929 --> 00:36:38,190
I've heard from a creationist is new

818
00:36:36,050 --> 00:36:41,010
every every argument i've heard

819
00:36:38,190 --> 00:36:43,820
prominent over before a dozen times many

820
00:36:41,010 --> 00:36:47,130
of them go back into the 80s or beyond

821
00:36:43,820 --> 00:36:48,150
and you never hear anything new but they

822
00:36:47,130 --> 00:36:49,950
know they can get away with it because

823
00:36:48,150 --> 00:36:51,960
they continually provided with fresh

824
00:36:49,949 --> 00:36:53,579
audience yeah that's why we're going to

825
00:36:51,960 --> 00:36:56,960
be vigilant that's why we have to

826
00:36:53,579 --> 00:37:00,299
continue the good fight I like that good

827

00:36:56,960 --> 00:37:03,480
very good like ever experienced that

828
00:37:00,300 --> 00:37:05,010
firsthand down a few times now they're

829
00:37:03,480 --> 00:37:07,860
constantly tearing they're constantly

830
00:37:05,010 --> 00:37:09,720
going to it seemed even a couple of

831
00:37:07,860 --> 00:37:10,950
years ago they were going to the

832
00:37:09,719 --> 00:37:12,809
churches that weren't doing so well

833
00:37:10,949 --> 00:37:14,219
financially now as well as doing that

834
00:37:12,809 --> 00:37:15,840
they're hitting all the the new youth

835
00:37:14,219 --> 00:37:17,599
churches that are around the ones that

836
00:37:15,840 --> 00:37:19,650
advertise with rock bands and guitars

837
00:37:17,599 --> 00:37:21,150
they're the ones that creation

838
00:37:19,650 --> 00:37:23,880
ministries international are constantly

839
00:37:21,150 --> 00:37:27,030
Toronto now mmm for that very reason

840
00:37:23,880 --> 00:37:29,340
they're all 17 18 before they before

841
00:37:27,030 --> 00:37:32,580

they even get to university hmm yeah

842

00:37:29,340 --> 00:37:35,940

let's go backed up there sure and you

843

00:37:32,579 --> 00:37:40,170

know I think that if you do go into a

844

00:37:35,940 --> 00:37:42,990

public debate like I did don't expect to

845

00:37:40,170 --> 00:37:45,480

convert the whole audience don't expect

846

00:37:42,989 --> 00:37:48,059

to convert anyone because pretty much

847

00:37:45,480 --> 00:37:52,230

most of the audience who turn up are

848

00:37:48,059 --> 00:37:55,039

going to be creationists there's a weird

849

00:37:52,230 --> 00:37:57,389

phenomena even even in an environment

850

00:37:55,039 --> 00:37:59,509

and probably experiences yourself if

851

00:37:57,389 --> 00:38:01,559

creationist comes to talk on campus

852

00:37:59,510 --> 00:38:04,140

ninety percent of the audience will be

853

00:38:01,559 --> 00:38:07,400

the fundamentalist Christian groups

854

00:38:04,139 --> 00:38:11,639

turning up to listen yeah there will be

855

00:38:07,400 --> 00:38:13,559

a small group of people who understand

856
00:38:11,639 --> 00:38:17,969
evolutionary theory and accept evolution

857
00:38:13,559 --> 00:38:21,239
of science and evolution but the reason

858
00:38:17,969 --> 00:38:23,069
why I debate is because somewhere in

859
00:38:21,239 --> 00:38:25,739
between there is a poured proportion of

860
00:38:23,070 --> 00:38:28,019
the audience who are swingers they

861
00:38:25,739 --> 00:38:29,909
actually don't really know one way or

862
00:38:28,019 --> 00:38:32,519
the other they've got no way of

863
00:38:29,909 --> 00:38:34,500
evaluating who's correct and those are

864
00:38:32,519 --> 00:38:37,320
the ones that you can actually reach

865
00:38:34,500 --> 00:38:38,929
yeah in a debate like that and in that

866
00:38:37,320 --> 00:38:42,680
debate that I had

867
00:38:38,929 --> 00:38:45,179
the assembly of god in in queensland

868
00:38:42,679 --> 00:38:47,849
afterwards I thought I'd done a good job

869
00:38:45,179 --> 00:38:49,889
at the end when one woman came up to me

870
00:38:47,849 --> 00:38:52,710
and she said I want to say thank you to

871
00:38:49,889 --> 00:38:55,679
you I am a committed Christian but I'm

872
00:38:52,710 --> 00:38:57,980
also a high school science teacher and I

873
00:38:55,679 --> 00:39:01,949
know that what you're saying is correct

874
00:38:57,980 --> 00:39:05,460
and all too often at school I back down

875
00:39:01,949 --> 00:39:08,129
and won't stand up against people

876
00:39:05,460 --> 00:39:10,409
spouting creationism but you coming in

877
00:39:08,130 --> 00:39:12,750
here today and standing up in front of

878
00:39:10,409 --> 00:39:15,379
an audience full of Christians who were

879
00:39:12,750 --> 00:39:18,510
creationists and standing upland and

880
00:39:15,380 --> 00:39:21,119
defending what is logically the truth

881
00:39:18,510 --> 00:39:23,550
she said that was a powerful message to

882
00:39:21,119 --> 00:39:26,599
me and I'll go album and I want to do

883
00:39:23,550 --> 00:39:28,860
that in the future now that was one of

884

00:39:26,599 --> 00:39:30,960
1100 people who came up to me and said

885
00:39:28,860 --> 00:39:32,880
that there is only a small portion of

886
00:39:30,960 --> 00:39:34,829
the audience that you can sway but

887
00:39:32,880 --> 00:39:37,170
they're worth talking to they're worth

888
00:39:34,829 --> 00:39:39,509
reaching out to persuade definitely yeah

889
00:39:37,170 --> 00:39:43,769
one more person to perform well exactly

890
00:39:39,510 --> 00:39:44,790
exactly I don't think that the coming

891
00:39:43,769 --> 00:39:48,630
out of that debate there would have been

892
00:39:44,789 --> 00:39:51,420
anybody going to the creationist can for

893
00:39:48,630 --> 00:39:53,190
the first time yeah definitely and it's

894
00:39:51,420 --> 00:39:56,700
also I've always found it beneficial

895
00:39:53,190 --> 00:39:58,710
just to plant the seed of doubt that

896
00:39:56,699 --> 00:40:00,329
rather than just completely convinced

897
00:39:58,710 --> 00:40:03,150
someone I'll surely the override their

898
00:40:00,329 --> 00:40:05,219

dog but just maybe give them a little

899

00:40:03,150 --> 00:40:06,809

bit of questioning of do ya something

900

00:40:05,219 --> 00:40:09,449

that'll just take a look ever hanging up

901

00:40:06,809 --> 00:40:12,449

well a common creationist tactic and the

902

00:40:09,449 --> 00:40:14,399

precious no this is this works that's

903

00:40:12,449 --> 00:40:16,710

why they use it that you know these guys

904

00:40:14,400 --> 00:40:19,740

are not stupid never make that mistake

905

00:40:16,710 --> 00:40:23,280

they're not stupid what they realize is

906

00:40:19,739 --> 00:40:27,269

they can make a claim and it takes you

907

00:40:23,280 --> 00:40:30,210

as a scientist an eternity time to

908

00:40:27,269 --> 00:40:32,639

unpick that claim and so they'll just

909

00:40:30,210 --> 00:40:34,889

throw out claims like you know I had

910

00:40:32,639 --> 00:40:36,900

Carl throwing things that mean like are

911

00:40:34,889 --> 00:40:39,239

sedimentary layers yes we've shown

912

00:40:36,900 --> 00:40:41,280

through flume experiments then you can

913
00:40:39,239 --> 00:40:42,839
lay them down simultaneously one on top

914
00:40:41,280 --> 00:40:44,910
of the other no problem and therefore

915
00:40:42,840 --> 00:40:47,150
all of that arguing about Scotty graphite

916
00:40:44,909 --> 00:40:48,649
is completely wrong now for me

917
00:40:47,150 --> 00:40:51,170
pack that argument I have to explain

918
00:40:48,650 --> 00:40:55,130
what stratigraphy is I have to explain

919
00:40:51,170 --> 00:40:56,360
the de flume experiments are a set of

920
00:40:55,130 --> 00:40:59,990
experiments that were conducted in

921
00:40:56,360 --> 00:41:01,400
France have had some success in being

922
00:40:59,989 --> 00:41:04,729
repeated in other labs but complete

923
00:41:01,400 --> 00:41:07,639
failures in most and under a certain set

924
00:41:04,730 --> 00:41:10,539
of conditions you can create what appear

925
00:41:07,639 --> 00:41:14,150
to be layers in sedimentary rocks that

926
00:41:10,539 --> 00:41:18,079
appear to conforto but they do not in

927
00:41:14,150 --> 00:41:20,599
any way conform to the way that we see

928
00:41:18,079 --> 00:41:23,029
cemetery rots having formed elsewhere

929
00:41:20,599 --> 00:41:24,980
in the world out there in the field so

930
00:41:23,030 --> 00:41:26,960
he that will throw something in there in

931
00:41:24,980 --> 00:41:29,539
a good comment it would take me an

932
00:41:26,960 --> 00:41:32,150
eternity to unpack it and he's gone on

933
00:41:29,539 --> 00:41:34,639
to the next two or three points yeah the

934
00:41:32,150 --> 00:41:37,789
way to undercut them is saying there is

935
00:41:34,639 --> 00:41:40,099
an argument against evolution it is not

936
00:41:37,789 --> 00:41:42,800
an argument that demonstrates

937
00:41:40,099 --> 00:41:44,659
creationism is correct give me that

938
00:41:42,800 --> 00:41:46,039
evidence and give me that evidence that

939
00:41:44,659 --> 00:41:48,230
shows that what you're saying is correct

940
00:41:46,039 --> 00:41:51,500
not that what I'm saying is wrong and

941

00:41:48,230 --> 00:41:53,329
we'll take it from there I know that you

942
00:41:51,500 --> 00:41:55,789
don't if you keep bringing them back to

943
00:41:53,329 --> 00:41:58,179
that point then they've got nowhere to

944
00:41:55,789 --> 00:42:02,739
run because they have got no evidence ya

945
00:41:58,179 --> 00:42:02,739
never had is recycled argument

946
00:42:09,150 --> 00:42:15,970
the skeptic zone zone voiceover man Jim

947
00:42:12,610 --> 00:42:19,329
Wilshire has just released a DVD of 26

948
00:42:15,969 --> 00:42:21,429
original poems all read by Jim and some

949
00:42:19,329 --> 00:42:27,369
with beautiful images of the Australian

950
00:42:21,429 --> 00:42:30,009
countryside here's an example bachelor

951
00:42:27,369 --> 00:42:32,260
of science you're a bachelor of science

952
00:42:30,010 --> 00:42:34,450
so I guess that means you know how to

953
00:42:32,260 --> 00:42:36,790
constantly keep in touch with those who

954
00:42:34,449 --> 00:42:39,118
had to go and have a summon up their

955
00:42:36,789 --> 00:42:42,670

spirits if they're slightly willing and

956

00:42:39,119 --> 00:42:45,579

speaking to the dead why that really is

957

00:42:42,670 --> 00:42:48,670

quite thrilling does this gift which you

958

00:42:45,579 --> 00:42:50,980

have meant you could talk to pets and do

959

00:42:48,670 --> 00:42:53,320

you do it via the ether or through the

960

00:42:50,980 --> 00:42:56,679

media admits could you get in contact

961

00:42:53,320 --> 00:42:59,350

say with my dear departed cat for having

962

00:42:56,679 --> 00:43:02,559

been once run over is that the end of

963

00:42:59,349 --> 00:43:04,809

that and what about my dog do you think

964

00:43:02,559 --> 00:43:07,150

you'd hear him bark from that big doggie

965

00:43:04,809 --> 00:43:09,639

playground the dead dogs apart and park

966

00:43:07,150 --> 00:43:11,950

having made a connection could I be

967

00:43:09,639 --> 00:43:14,739

absolutely sure that the doggie were

968

00:43:11,949 --> 00:43:16,839

communing was the pet on timing for I'm

969

00:43:14,739 --> 00:43:19,299

worried about the chance of the wrong

970
00:43:16,840 --> 00:43:21,789
contact being made that you might get a

971
00:43:19,300 --> 00:43:24,039
canine with which I never played but

972
00:43:21,789 --> 00:43:27,340
someone else's pet which would Manson to

973
00:43:24,039 --> 00:43:30,579
my call or perish the thought you'd get

974
00:43:27,340 --> 00:43:33,400
no dead dog Sol at all now I might just

975
00:43:30,579 --> 00:43:36,309
have to wait until I joined by passed on

976
00:43:33,400 --> 00:43:39,130
pets it seems you might be trying to lay

977
00:43:36,309 --> 00:43:41,710
off my psychic bits and those for my

978
00:43:39,130 --> 00:43:45,400
parents where although you have that

979
00:43:41,710 --> 00:43:51,070
ticket I think the school was falling so

980
00:43:45,400 --> 00:43:54,220
you know where you can stick it that was

981
00:43:51,070 --> 00:43:56,590
Jim Wilshire reading his poem bachelor

982
00:43:54,219 --> 00:43:59,139
of science as featured on the new DVD

983
00:43:56,590 --> 00:44:02,350
and the rhyme keeper you can buy your

984
00:43:59,139 --> 00:44:07,170
copy of the Rhine keeper \$25 us posted

985
00:44:02,349 --> 00:44:10,358
to your door by visiting w WC optics on

986
00:44:07,170 --> 00:44:13,510
TV you can also see Jim reading another

987
00:44:10,358 --> 00:44:18,599
poem by visiting our video page Jim

988
00:44:13,510 --> 00:44:18,600
Wilshire is the rhyme keeper the new DVD

989
00:44:25,289 --> 00:44:29,440
well recently I had the pleasure of

990
00:44:27,550 --> 00:44:31,570
going to enquiry University here in

991
00:44:29,440 --> 00:44:33,610
Sydney to give a talk to the very new

992
00:44:31,570 --> 00:44:35,530
Macquarie skeptics and on the line I've

993
00:44:33,610 --> 00:44:38,320
got Tiffany day from the Macquarie

994
00:44:35,530 --> 00:44:40,330
skeptics hello Tiffany hello riches now

995
00:44:38,320 --> 00:44:41,769
I'm very interested to know and I'm sure

996
00:44:40,329 --> 00:44:43,750
listen is a very interest is know a bit

997
00:44:41,769 --> 00:44:45,969
about the background why is there now

998

00:44:43,750 --> 00:44:47,920
after all these years of skepticism in

999
00:44:45,969 --> 00:44:50,169
Australia something coming up to 30 why

1000
00:44:47,920 --> 00:44:53,500
is there now a skeptics group at

1001
00:44:50,170 --> 00:44:55,240
Macquarie University yes well I think a

1002
00:44:53,500 --> 00:44:58,090
lot of the most of motivation behind it

1003
00:44:55,239 --> 00:44:59,859
was the fact that at Macquarie

1004
00:44:58,090 --> 00:45:04,780
University in particular there are a

1005
00:44:59,860 --> 00:45:07,870
whole lot of religious student groups 13

1006
00:45:04,780 --> 00:45:10,810
we counted i believe and nothing for any

1007
00:45:07,869 --> 00:45:12,369
sort of critical thinking group such as

1008
00:45:10,809 --> 00:45:15,369
a skeptic group of perhaps even an

1009
00:45:12,369 --> 00:45:18,279
atheist group so we wanted to make that

1010
00:45:15,369 --> 00:45:19,960
available to students not necessarily as

1011
00:45:18,280 --> 00:45:22,240
a counteraction to the religious groups

1012
00:45:19,960 --> 00:45:26,860

but just as something for them to get

1013

00:45:22,239 --> 00:45:28,569

involved with so 13 13 also religious

1014

00:45:26,860 --> 00:45:30,370

groups on the campus they're mcrae that

1015

00:45:28,570 --> 00:45:32,350

so what are they different religions or

1016

00:45:30,369 --> 00:45:35,679

they all sort of Christian sects or how

1017

00:45:32,349 --> 00:45:37,690

does it work I do know of a few Islamic

1018

00:45:35,679 --> 00:45:41,589

ones but I think the majority are

1019

00:45:37,690 --> 00:45:45,220

Christian and they certainly take over a

1020

00:45:41,590 --> 00:45:46,480

lot of the poster space ah now you've

1021

00:45:45,219 --> 00:45:48,730

got a story to tell about that because

1022

00:45:46,480 --> 00:45:51,760

you were telling me something about when

1023

00:45:48,730 --> 00:45:53,320

you were promoting my recent talk yes do

1024

00:45:51,760 --> 00:45:55,000

you have a story we had the great

1025

00:45:53,320 --> 00:46:00,309

Richard Saunders coming into a tour bus

1026

00:45:55,000 --> 00:46:01,929

and and myself being holding the

1027
00:46:00,309 --> 00:46:03,849
marketing chair for the group I was

1028
00:46:01,929 --> 00:46:06,759
responsible for whole arm putting up the

1029
00:46:03,849 --> 00:46:09,179
posters to create awareness for the

1030
00:46:06,760 --> 00:46:12,550
group and also to promote your talk and

1031
00:46:09,179 --> 00:46:14,710
the Christian groups at our university

1032
00:46:12,550 --> 00:46:17,200
decided it would be a good idea to stick

1033
00:46:14,710 --> 00:46:19,000
their posters right over the top of my

1034
00:46:17,199 --> 00:46:22,210
posters that I'd only had out for about

1035
00:46:19,000 --> 00:46:23,800
five minutes Oh Deary Deary me being

1036
00:46:22,210 --> 00:46:26,230
censured by the Christian groups of the

1037
00:46:23,800 --> 00:46:30,580
University whatever next it was quite

1038
00:46:26,230 --> 00:46:32,320
deliberate as well oh boy I wouldn't I'm

1039
00:46:30,579 --> 00:46:34,000
not sure what the problem is it's a pity

1040
00:46:32,320 --> 00:46:35,260
they didn't come along for the talk they

1041
00:46:34,000 --> 00:46:36,670
would have all learned how to bend

1042
00:46:35,260 --> 00:46:38,230
spoons yes

1043
00:46:36,670 --> 00:46:41,200
I mean we're quite welcoming to

1044
00:46:38,230 --> 00:46:42,670
religious any kind of religious people

1045
00:46:41,199 --> 00:46:46,029
and it kind of religious beliefs they're

1046
00:46:42,670 --> 00:46:48,519
welcome to come join our skeptic group

1047
00:46:46,030 --> 00:46:50,470
well that's absolutely the best attitude

1048
00:46:48,519 --> 00:46:52,599
to have and of course any person from

1049
00:46:50,469 --> 00:46:55,298
any religious group is quite welcome to

1050
00:46:52,599 --> 00:46:57,130
join the the Australian skeptics or come

1051
00:46:55,298 --> 00:46:59,019
to skeptics in the pub if their religion

1052
00:46:57,130 --> 00:47:00,760
doesn't forbid it of course we don't

1053
00:46:59,019 --> 00:47:03,548
care we will have anybody for a drink

1054
00:47:00,760 --> 00:47:04,869
and a chat and a good time and I see

1055

00:47:03,548 --> 00:47:07,269
that's your philosophy too because

1056
00:47:04,869 --> 00:47:09,970
you're starting your very own skeptics

1057
00:47:07,269 --> 00:47:11,949
in the pub at Macquarie University yes

1058
00:47:09,969 --> 00:47:14,169
that's that's very much our philosophy

1059
00:47:11,949 --> 00:47:18,098
and people who may be fed up with

1060
00:47:14,170 --> 00:47:19,720
astrology creationism water dowsing I

1061
00:47:18,099 --> 00:47:21,700
know you've put a DVD together about

1062
00:47:19,719 --> 00:47:24,818
that which was one of our events that we

1063
00:47:21,699 --> 00:47:28,000
held earlier in the semester evangelist

1064
00:47:24,818 --> 00:47:30,279
psychics all that sort of thing so to a

1065
00:47:28,000 --> 00:47:34,210
degree it would include perhaps

1066
00:47:30,280 --> 00:47:36,700
fundamentalist religious ideas but we're

1067
00:47:34,210 --> 00:47:38,409
totally welcoming to anyone I think

1068
00:47:36,699 --> 00:47:40,568
that's a great attitude to have now if

1069
00:47:38,409 --> 00:47:42,250

people want to contact you or people

1070

00:47:40,568 --> 00:47:44,529

listening to us who attend Macquarie

1071

00:47:42,250 --> 00:47:47,858

University want to come along or join

1072

00:47:44,530 --> 00:47:50,160

your new group how can they do that yes

1073

00:47:47,858 --> 00:47:52,960

and they can either contact myself a

1074

00:47:50,159 --> 00:47:56,649

gentleman by the name of Duane or even

1075

00:47:52,960 --> 00:48:00,280

Johan we have a website called Macquarie

1076

00:47:56,650 --> 00:48:03,068

skeptics.com and we're also quite active

1077

00:48:00,280 --> 00:48:05,109

on our facebook group so if you do a

1078

00:48:03,068 --> 00:48:08,650

search on Facebook for skeptics at

1079

00:48:05,108 --> 00:48:11,409

Macquarie at being the @ symbol on the

1080

00:48:08,650 --> 00:48:13,289

keyboard we have regular updates and

1081

00:48:11,409 --> 00:48:17,739

information there on upcoming events and

1082

00:48:13,289 --> 00:48:18,940

also contact information great news and

1083

00:48:17,739 --> 00:48:20,588

of course you have the support of

1084
00:48:18,940 --> 00:48:22,030
Australian skeptics who are delighted

1085
00:48:20,588 --> 00:48:23,920
that there's a new skeptical group

1086
00:48:22,030 --> 00:48:26,980
especially in the University and we

1087
00:48:23,920 --> 00:48:28,809
certainly encourage a lot more in Sydney

1088
00:48:26,980 --> 00:48:30,789
and all over Australia so Tiffany day

1089
00:48:28,809 --> 00:48:32,589
thank you very much for chatting to the

1090
00:48:30,789 --> 00:48:34,949
skeptic zone thank you for having me

1091
00:48:32,588 --> 00:48:34,949
Richard

1092
00:48:36,809 --> 00:48:45,789
now it's time for dr. Rachel reports

1093
00:48:40,179 --> 00:48:48,308
with dr. Rachel Dunlop hello everyone

1094
00:48:45,789 --> 00:48:49,739
and welcome to dr. Richie reports today

1095
00:48:48,309 --> 00:48:52,420
I want to talk to you about the

1096
00:48:49,739 --> 00:48:53,889
mind-body-spirit festival this happens

1097
00:48:52,420 --> 00:48:55,659
every six months in Sydney and is

1098
00:48:53,889 --> 00:48:58,268
affectionately known as the mind-body

1099
00:48:55,659 --> 00:49:00,038
wallet so take a deep breath check your

1100
00:48:58,268 --> 00:49:02,048
temper and let's delve into what they

1101
00:49:00,039 --> 00:49:04,479
have in store for us this time round as

1102
00:49:02,048 --> 00:49:05,768
I said it happens every six months in

1103
00:49:04,478 --> 00:49:08,409
Sydney and the description on the

1104
00:49:05,768 --> 00:49:09,909
website is as follows Australia's

1105
00:49:08,409 --> 00:49:12,420
largest event for personal growth

1106
00:49:09,909 --> 00:49:15,009
natural therapies alternative healing

1107
00:49:12,420 --> 00:49:17,889
self-development spiritual awareness and

1108
00:49:15,009 --> 00:49:20,079
much more you can see try and buy

1109
00:49:17,889 --> 00:49:22,449
hundreds of products and services for

1110
00:49:20,079 --> 00:49:25,329
your total well-being physical mental

1111
00:49:22,449 --> 00:49:28,119
and spiritual so this is a weave

1112

00:49:25,329 --> 00:49:30,339
festival on a huge scale with over 190

1113
00:49:28,119 --> 00:49:33,068
exhibitors a spiritual cinema free

1114
00:49:30,338 --> 00:49:34,958
seminars free performance stage free

1115
00:49:33,068 --> 00:49:36,579
positive thinking and meditation centres

1116
00:49:34,958 --> 00:49:37,748
and of course it wouldn't be the same

1117
00:49:36,579 --> 00:49:40,869
without the psychics and clairvoyants

1118
00:49:37,748 --> 00:49:43,118
and accordingly there is a psychic

1119
00:49:40,869 --> 00:49:45,608
reading room with over 60 of the best

1120
00:49:43,119 --> 00:49:48,338
clairvoyants who will sting you 40 bucks

1121
00:49:45,608 --> 00:49:50,558
for a 25 minute reading or 80 for 50

1122
00:49:48,338 --> 00:49:53,078
minutes and this room is always packed

1123
00:49:50,559 --> 00:49:54,940
so you are advised to book ahead we went

1124
00:49:53,079 --> 00:49:57,009
back in May and this room was constantly

1125
00:49:54,940 --> 00:49:58,900
buzzing this year there are several

1126
00:49:57,009 --> 00:50:01,298

seminars from the psychics featured on

1127

00:49:58,900 --> 00:50:03,818

the one Australia's search for the most

1128

00:50:01,298 --> 00:50:05,079

gifted psychic but before I delve into

1129

00:50:03,818 --> 00:50:06,728

that I want to bring to your attention

1130

00:50:05,079 --> 00:50:10,410

some of the more weird and wonderful

1131

00:50:06,728 --> 00:50:13,298

exhibitors so let's start with weird

1132

00:50:10,409 --> 00:50:15,338

nose works now nose works our suppliers

1133

00:50:13,298 --> 00:50:17,739

of a product known as the the neti pot

1134

00:50:15,338 --> 00:50:20,768

which is also known as a nasal cleansing

1135

00:50:17,739 --> 00:50:22,958

pot or yah leonetti and this thing looks

1136

00:50:20,768 --> 00:50:24,939

like a teapot with an inverted spout and

1137

00:50:22,958 --> 00:50:27,098

according to the instructional video on

1138

00:50:24,940 --> 00:50:29,019

the website you fill it with warm salty

1139

00:50:27,099 --> 00:50:32,199

water and then flush your sinuses by

1140

00:50:29,018 --> 00:50:35,558

pouring it up your nose now one of the

1141
00:50:32,199 --> 00:50:38,170
websites I visited cited this process as

1142
00:50:35,559 --> 00:50:41,890
a simple solution to asthma sinusitis

1143
00:50:38,170 --> 00:50:45,159
snoring hay fever blocked noses sneezing

1144
00:50:41,889 --> 00:50:46,929
sinus headaches and even better it has a

1145
00:50:45,159 --> 00:50:48,818
cooling and soothing effect on the brain

1146
00:50:46,929 --> 00:50:49,569
and is therefore beneficial for

1147
00:50:48,818 --> 00:50:52,570
headaches my

1148
00:50:49,570 --> 00:50:54,550
green and general mental tension well I

1149
00:50:52,570 --> 00:50:57,460
wonder how does it get to your brain if

1150
00:50:54,550 --> 00:51:00,550
you pour it up your nose in any case

1151
00:50:57,460 --> 00:51:02,440
they also claim that regular cleansing

1152
00:51:00,550 --> 00:51:05,140
helps the eyes ears and minds become

1153
00:51:02,440 --> 00:51:07,269
clearer as well as it helps clear the

1154
00:51:05,139 --> 00:51:10,319
mind giving you a sense of lightness and

1155
00:51:07,269 --> 00:51:13,000
clarity which aids better concentration

1156
00:51:10,320 --> 00:51:15,460
so go ahead and shove this thing up your

1157
00:51:13,000 --> 00:51:17,710
nose if you wish I know who one thing it

1158
00:51:15,460 --> 00:51:19,840
will most certainly look silly but as

1159
00:51:17,710 --> 00:51:21,760
for the rest of the claims well dubious

1160
00:51:19,840 --> 00:51:23,260
to say the least and the part about

1161
00:51:21,760 --> 00:51:25,870
clearing your mind and cooling your

1162
00:51:23,260 --> 00:51:27,520
brain well there's no basis in science

1163
00:51:25,869 --> 00:51:29,769
for this if you want to see some

1164
00:51:27,519 --> 00:51:32,199
pictures of how you use this wonderful

1165
00:51:29,769 --> 00:51:33,699
neti pot check my blog and you can see

1166
00:51:32,199 --> 00:51:37,029
some of the amusing pictures of this

1167
00:51:33,699 --> 00:51:38,859
process in action but wait listeners why

1168
00:51:37,030 --> 00:51:41,350
listen to me apparently this thing has

1169

00:51:38,860 --> 00:51:46,570
featured on oprah but then so has Tom

1170
00:51:41,349 --> 00:51:49,029
Cruise and Jenny McCarthy more weird now

1171
00:51:46,570 --> 00:51:50,440
a couple of stalls that are going to be

1172
00:51:49,030 --> 00:51:54,370
appearing at the mind-body wallet

1173
00:51:50,440 --> 00:51:56,619
include Nana maze magic hands and teacup

1174
00:51:54,369 --> 00:51:58,329
readings with Betty now doesn't this

1175
00:51:56,619 --> 00:52:00,759
sound like a lovely old lady straight

1176
00:51:58,329 --> 00:52:03,969
out of the 1950s who wants to make you a

1177
00:52:00,760 --> 00:52:05,230
nice cup of tea and read your leaves now

1178
00:52:03,969 --> 00:52:08,109
I thought this stuff went out of fashion

1179
00:52:05,230 --> 00:52:11,019
years ago I mean hasn't Betty heard of

1180
00:52:08,110 --> 00:52:12,519
the coffee Oracle by Stacy DeMarco check

1181
00:52:11,019 --> 00:52:14,889
the link on my website if you want to

1182
00:52:12,519 --> 00:52:17,349
know more about this apparently we've

1183
00:52:14,889 --> 00:52:20,440

got espresso now my dear we don't use T

1184

00:52:17,349 --> 00:52:22,089

anymore and as for Nana Mays magic hands

1185

00:52:20,440 --> 00:52:25,059

well I've got no idea what this is about

1186

00:52:22,090 --> 00:52:26,289

but I'll be certain to check it out the

1187

00:52:25,059 --> 00:52:29,199

next thing I want to talk to you about

1188

00:52:26,289 --> 00:52:31,239

is just wrong and all across the

1189

00:52:29,199 --> 00:52:32,919

festival this year there are stalls and

1190

00:52:31,239 --> 00:52:35,769

seminars espousing the benefits of

1191

00:52:32,920 --> 00:52:38,320

drinking alkaline water one is entitled

1192

00:52:35,769 --> 00:52:40,360

how water can cure incurable diseases

1193

00:52:38,320 --> 00:52:42,160

and this to me sounded pretty amazing

1194

00:52:40,360 --> 00:52:43,990

but when I did some further digging I

1195

00:52:42,159 --> 00:52:47,319

found out it was just alkaline water

1196

00:52:43,989 --> 00:52:49,359

again and another one is entitled food

1197

00:52:47,320 --> 00:52:51,550

intolerance as digestive enzymes and

1198
00:52:49,360 --> 00:52:53,769
alkalization which apparently will

1199
00:52:51,550 --> 00:52:56,160
report on to new digestive enzymes that

1200
00:52:53,769 --> 00:52:58,630
will greatly boost your digestive power

1201
00:52:56,159 --> 00:53:01,299
digestive power this sounds like a

1202
00:52:58,630 --> 00:53:03,519
washing powder to me but proponents of

1203
00:53:01,300 --> 00:53:05,440
this stuff claim and I quote

1204
00:53:03,519 --> 00:53:07,269
the negative ions in alkaline water are

1205
00:53:05,440 --> 00:53:09,360
a rich source of electrons that can be

1206
00:53:07,269 --> 00:53:11,289
donated to free radicals in the body

1207
00:53:09,360 --> 00:53:14,019
neutralizing them and stopping them from

1208
00:53:11,289 --> 00:53:16,329
damaging healthy tissues absolute

1209
00:53:14,019 --> 00:53:18,730
nonsense when you drink alkaline water

1210
00:53:16,329 --> 00:53:20,889
its alkalinity is quickly removed by the

1211
00:53:18,730 --> 00:53:23,980
highly acidic gastric fluid in your

1212
00:53:20,889 --> 00:53:25,869
stomach and the body regulates its pH by

1213
00:53:23,980 --> 00:53:28,780
buffering with bicarbonate ions and

1214
00:53:25,869 --> 00:53:30,549
breeding of carbon dioxide so I'm sorry

1215
00:53:28,780 --> 00:53:33,340
but this is just pure pseudoscience

1216
00:53:30,550 --> 00:53:35,830
nonsense so let's move on to

1217
00:53:33,340 --> 00:53:37,300
supernatural and of course it wouldn't

1218
00:53:35,829 --> 00:53:39,489
be the mind-body wallet without the

1219
00:53:37,300 --> 00:53:41,080
usual collection of psychics and this

1220
00:53:39,489 --> 00:53:44,039
year there isn't contingent from the one

1221
00:53:41,079 --> 00:53:46,630
as i mentioned giving seminars such as

1222
00:53:44,039 --> 00:53:49,869
connecting with spirit messages from

1223
00:53:46,630 --> 00:53:52,329
beyond and you too can be the one how to

1224
00:53:49,869 --> 00:53:53,949
develop your own psychic gifts now these

1225
00:53:52,329 --> 00:53:56,170
sound decidedly normal stacked up

1226

00:53:53,949 --> 00:53:58,569
against things like sonic rebirthing

1227
00:53:56,170 --> 00:54:01,210
through sound therapy the Atlantean

1228
00:53:58,570 --> 00:54:04,480
pathway to Isis and psychic spoon

1229
00:54:01,210 --> 00:54:06,280
bending and Egyptian alchemy well folks

1230
00:54:04,480 --> 00:54:08,500
this is just the beginning of 40 days of

1231
00:54:06,280 --> 00:54:10,780
the strange the supernatural and pretty

1232
00:54:08,500 --> 00:54:13,139
much the silly but combined with the

1233
00:54:10,780 --> 00:54:15,240
usual suspects such as the iridology

1234
00:54:13,139 --> 00:54:17,710
chiropractors chinese medicine

1235
00:54:15,239 --> 00:54:20,500
reflexologists aura capturers angels

1236
00:54:17,710 --> 00:54:23,260
orbs ear candles etc we are certainly in

1237
00:54:20,500 --> 00:54:24,639
for an interesting experience and you

1238
00:54:23,260 --> 00:54:26,590
can find all the details about this

1239
00:54:24,639 --> 00:54:29,920
episode of dr. Richie reports on the

1240
00:54:26,590 --> 00:54:32,050

skeptic design TV blog at skeptic zone

1241

00:54:29,920 --> 00:54:34,690

dot wordpress or follow the links from

1242

00:54:32,050 --> 00:54:36,280

skeptic zone TV and i also have an

1243

00:54:34,690 --> 00:54:39,610

additional blog about the mind-body

1244

00:54:36,280 --> 00:54:41,410

wallet at skeptics book calm and i want

1245

00:54:39,610 --> 00:54:43,329

to thank everyone who's been emailing me

1246

00:54:41,409 --> 00:54:45,159

with suggestions and feedback and please

1247

00:54:43,329 --> 00:54:46,480

keep doing that and i will try to get on

1248

00:54:45,159 --> 00:54:49,089

to some of your suggestions in the

1249

00:54:46,480 --> 00:54:51,400

coming episodes of the skeptic zone but

1250

00:54:49,090 --> 00:54:55,350

for now this has been dr. richie reports

1251

00:54:51,400 --> 00:54:55,349

at the mind-body wallet festival

1252

00:55:01,559 --> 00:55:06,190

Australian skeptics are pleased and

1253

00:55:03,849 --> 00:55:08,519

proud to sponsor the young scientists of

1254

00:55:06,190 --> 00:55:11,139

the Year award here in New South Wales

1255
00:55:08,519 --> 00:55:13,690
this year it was my pleasure to attend

1256
00:55:11,139 --> 00:55:16,539
the awards again and I met up with Sam

1257
00:55:13,690 --> 00:55:19,179
Whiteman Sam is from Mullen BB high

1258
00:55:16,539 --> 00:55:20,949
school my old high school sounded very

1259
00:55:19,179 --> 00:55:22,779
well this year winning first place in

1260
00:55:20,949 --> 00:55:25,779
the earth and environmental science

1261
00:55:22,780 --> 00:55:28,600
winning the step environment award

1262
00:55:25,780 --> 00:55:30,519
winning the Royal Australian chemical

1263
00:55:28,599 --> 00:55:33,489
institute award for soil and water

1264
00:55:30,519 --> 00:55:35,920
chemistry and he will be representing

1265
00:55:33,489 --> 00:55:38,229
Australia at the 2009 Intel

1266
00:55:35,920 --> 00:55:43,539
International Science and Engineering

1267
00:55:38,230 --> 00:55:47,710
Fair in Reno Nevada wow I spoke to sam

1268
00:55:43,539 --> 00:55:49,329
just after the award ceremony well we

1269
00:55:47,710 --> 00:55:50,740
here at the young scientists of the Year

1270
00:55:49,329 --> 00:55:53,440
award for New South Wales understand

1271
00:55:50,739 --> 00:55:56,109
white went from Mullen BB high school my

1272
00:55:53,440 --> 00:55:58,150
old high school Sam hi hey origin I'm

1273
00:55:56,110 --> 00:56:01,510
doing well and I'm really happy because

1274
00:55:58,150 --> 00:56:03,760
you did so well today yeah I did I did

1275
00:56:01,510 --> 00:56:04,840
myself really you really did how many

1276
00:56:03,760 --> 00:56:06,370
times did you come up and click the

1277
00:56:04,840 --> 00:56:07,930
wards I think at least about four or

1278
00:56:06,369 --> 00:56:10,299
five or something like that uncountable

1279
00:56:07,929 --> 00:56:12,519
countable he was up and down like a

1280
00:56:10,300 --> 00:56:14,590
yo-yo folks and he's off to the states

1281
00:56:12,519 --> 00:56:16,300
that is so exciting is one of the the

1282
00:56:14,590 --> 00:56:17,710
big winners if I'm very very excited

1283

00:56:16,300 --> 00:56:20,530
like I can't wait to go to the States

1284
00:56:17,710 --> 00:56:21,909
I've heard it's really nice it's it's

1285
00:56:20,530 --> 00:56:23,170
amazing you're gonna have such a good

1286
00:56:21,909 --> 00:56:25,089
time and all you people listening in

1287
00:56:23,170 --> 00:56:27,220
America when Sam comes your way now

1288
00:56:25,090 --> 00:56:29,530
you're going to reno I theory night yeah

1289
00:56:27,219 --> 00:56:32,409
that's where than in 2009 where the

1290
00:56:29,530 --> 00:56:35,170
young sign is the convention is or a

1291
00:56:32,409 --> 00:56:38,139
meeting yeah I think so I can't like a

1292
00:56:35,170 --> 00:56:39,700
decent spoon bending yes ladies and

1293
00:56:38,139 --> 00:56:42,609
gentlemen I must tell you that last year

1294
00:56:39,699 --> 00:56:44,079
Sam was the young scientists awards and

1295
00:56:42,610 --> 00:56:45,849
I showed him a little bit of spoon

1296
00:56:44,079 --> 00:56:47,409
betting he's become a bit famous up

1297
00:56:45,849 --> 00:56:49,900

there a Malon baby yeah you could say

1298

00:56:47,409 --> 00:56:52,659

that in the local paper with a spoon

1299

00:56:49,900 --> 00:56:54,010

bending so not only a young scientist

1300

00:56:52,659 --> 00:56:56,230

for the young budding a skeptic I think

1301

00:56:54,010 --> 00:56:56,950

Sam congratulations again thank you very

1302

00:56:56,230 --> 00:56:58,539

much mission

1303

00:56:56,949 --> 00:57:00,460

and I do I look forward to you and

1304

00:56:58,539 --> 00:57:07,029

seeing you here again and again oh okay

1305

00:57:00,460 --> 00:57:12,119

I will now see you join us now for

1306

00:57:07,030 --> 00:57:12,119

drinking skeptically in the think tank

1307

00:57:14,460 --> 00:57:19,539

and welcome once again to the think tank

1308

00:57:17,500 --> 00:57:22,800

actually we're not at a club this week

1309

00:57:19,539 --> 00:57:25,630

we're at Rachel Dunlop's house with an

1310

00:57:22,800 --> 00:57:28,599

incredible view of Sydney Airport Rachel

1311

00:57:25,630 --> 00:57:31,119

it's amazing my plane spotting room

1312
00:57:28,599 --> 00:57:33,250
Ricardo I love it that's a great room

1313
00:57:31,119 --> 00:57:34,420
isn't it you can see from the city the

1314
00:57:33,250 --> 00:57:36,550
Harbour Bridge all the way down to

1315
00:57:34,420 --> 00:57:38,650
Botany Bay which is where the Kingsford

1316
00:57:36,550 --> 00:57:41,079
Smith airport is and right at this

1317
00:57:38,650 --> 00:57:43,800
moment we can see the line of the runway

1318
00:57:41,079 --> 00:57:46,300
that's lit up yep and we can see it

1319
00:57:43,800 --> 00:57:48,010
through the course of this podcast you

1320
00:57:46,300 --> 00:57:49,839
might hear some planes going past

1321
00:57:48,010 --> 00:57:50,950
although they're taking off over the

1322
00:57:49,838 --> 00:57:54,159
ocean at the moment is that right i

1323
00:57:50,949 --> 00:57:55,328
think so some of them are taking off in

1324
00:57:54,159 --> 00:57:58,269
hysterics that one's just put its

1325
00:57:55,329 --> 00:58:02,230
headlights on you see that yeah where's

1326
00:57:58,269 --> 00:58:04,929
that oh yes so if so bro if we get 747

1327
00:58:02,230 --> 00:58:09,130
you're any kind of large Airbus you

1328
00:58:04,929 --> 00:58:11,049
won't hear a thing joining me of course

1329
00:58:09,130 --> 00:58:13,568
is a doctor Rachel Dunlop because it's a

1330
00:58:11,050 --> 00:58:17,230
house it's and Amanda Rose hello Amanda

1331
00:58:13,568 --> 00:58:18,699
hello and we're actually waiting Michael

1332
00:58:17,230 --> 00:58:21,190
walla hende come join us this week but

1333
00:58:18,699 --> 00:58:23,828
we are waiting for Kylie Sturgis who is

1334
00:58:21,190 --> 00:58:27,130
in Perth and she's going to be joining

1335
00:58:23,829 --> 00:58:28,380
us via Skype as soon as she gets through

1336
00:58:27,130 --> 00:58:32,440
the traffic gets through the traffic

1337
00:58:28,380 --> 00:58:34,510
tourist track it's yes it is no time

1338
00:58:32,440 --> 00:58:37,420
it's pretty bad but what an interesting

1339
00:58:34,510 --> 00:58:39,700
couple of days it's been my friends yeah

1340

00:58:37,420 --> 00:58:43,030
it's been an interesting day we are

1341
00:58:39,699 --> 00:58:46,000
recording this a few hours after the

1342
00:58:43,030 --> 00:58:49,269
tremendous victory by barack obama obama

1343
00:58:46,000 --> 00:58:51,818
and Amanda and I were actually spent a

1344
00:58:49,269 --> 00:58:54,429
delightful afternoon in local pub

1345
00:58:51,818 --> 00:58:56,199
watching the results come in and I'll

1346
00:58:54,429 --> 00:59:00,539
just play this little clip now of the

1347
00:58:56,199 --> 00:59:03,279
very moment here we go this is a

1348
00:59:00,539 --> 00:59:06,009
people have been waiting for this is a

1349
00:59:03,280 --> 00:59:08,700
moment that potentially could be rather

1350
00:59:06,010 --> 00:59:08,700
the story

1351
00:59:20,940 --> 00:59:32,470
he has enough electoral votes more than

1352
00:59:24,989 --> 00:59:34,358
270 the United States so there you go

1353
00:59:32,469 --> 00:59:37,209
history has it happened to Amanda

1354
00:59:34,358 --> 00:59:41,019

actually what it was was the exact

1355

00:59:37,210 --> 00:59:42,940
second that the West Coast states closed

1356

00:59:41,019 --> 00:59:45,190
their polling california and new york

1357

00:59:42,940 --> 00:59:47,639
state's and at that moment they just

1358

00:59:45,190 --> 00:59:50,559
went that's it CNN called it then

1359

00:59:47,639 --> 00:59:54,400
presumptive president barack hussein

1360

00:59:50,559 --> 00:59:56,309
obama as congratulations president-elect

1361

00:59:54,400 --> 00:59:59,650
I know you listen to the skeptic zone I

1362

00:59:56,309 --> 01:00:02,170
wonder if our American friends realize

1363

00:59:59,650 --> 01:00:03,849
how much the rest of the world was

1364

01:00:02,170 --> 01:00:05,829
really interested in selection and this

1365

01:00:03,849 --> 01:00:07,720
result I mean in Australia currently

1366

01:00:05,829 --> 01:00:10,569
right now it's about half past eight at

1367

01:00:07,719 --> 01:00:12,039
night and there are lots and lots of

1368

01:00:10,570 --> 01:00:14,320
election parties going on around the

1369
01:00:12,039 --> 01:00:17,050
country and not just from xpat Americans

1370
01:00:14,320 --> 01:00:19,809
either well it's it's a big it's a big

1371
01:00:17,050 --> 01:00:22,660
event for the world I think so so that's

1372
01:00:19,809 --> 01:00:25,389
a big day in history to positive

1373
01:00:22,659 --> 01:00:26,949
positive I think so very positive and I

1374
01:00:25,389 --> 01:00:28,960
know John McCain always has since to the

1375
01:00:26,949 --> 01:00:31,000
skeptics and so commiserations John and

1376
01:00:28,960 --> 01:00:32,710
I'm sorry Sarah didn't win I'd I know

1377
01:00:31,000 --> 01:00:34,329
she listens to the skeptic she knows yes

1378
01:00:32,710 --> 01:00:35,800
although she's gone back probably gone

1379
01:00:34,329 --> 01:00:38,079
back to Alaska now to take care of those

1380
01:00:35,800 --> 01:00:39,789
pesky Russians hasn't she actually can I

1381
01:00:38,079 --> 01:00:41,829
tell you something rich in about part of

1382
01:00:39,789 --> 01:00:44,800
the reason why obama won use your shift

1383
01:00:41,829 --> 01:00:47,710
it was based on things shall we did you

1384
01:00:44,800 --> 01:00:50,099
know that i did not know that well this

1385
01:00:47,710 --> 01:00:53,289
is true in fact this story comes from

1386
01:00:50,099 --> 01:00:56,260
Associated Press you and i found a link

1387
01:00:53,289 --> 01:00:58,029
to this on youtube in fact and it's

1388
01:00:56,260 --> 01:01:00,400
talking about the sanctuary of the

1389
01:00:58,030 --> 01:01:03,790
office of John McCain and Barack Obama

1390
01:01:00,400 --> 01:01:07,230
and making predictions about who would

1391
01:01:03,789 --> 01:01:10,420
win based on the layout of their office

1392
01:01:07,230 --> 01:01:13,449
now this feng shui expert her name is

1393
01:01:10,420 --> 01:01:16,150
taylor Vance and she said that McCain's

1394
01:01:13,449 --> 01:01:18,529
office is eclectic and cluttered whereas

1395
01:01:16,150 --> 01:01:20,730
Obama's was clean and modern

1396
01:01:18,530 --> 01:01:23,580
now for those of you who don't know the

1397

01:01:20,730 --> 01:01:26,400
concept of feng shui it's this is the

1398
01:01:23,579 --> 01:01:28,079
quote from Taylor Vance it's the study

1399
01:01:26,400 --> 01:01:30,019
of our environments that affect the

1400
01:01:28,079 --> 01:01:32,519
events that happen in our lives and

1401
01:01:30,019 --> 01:01:33,780
mysterious connections between these two

1402
01:01:32,519 --> 01:01:37,019
things that seem to be totally

1403
01:01:33,780 --> 01:01:39,690
unconnected but they are happy in any

1404
01:01:37,019 --> 01:01:42,539
case she said that uh Charlie's she's an

1405
01:01:39,690 --> 01:01:44,608
expert oh I'm sorry Mia in any case she

1406
01:01:42,539 --> 01:01:46,739
said that Obama's office was very

1407
01:01:44,608 --> 01:01:49,799
accessible what you see is what you get

1408
01:01:46,739 --> 01:01:53,189
and in the knowledge area of his office

1409
01:01:49,800 --> 01:01:55,650
he had a photograph of Nelson Mandela in

1410
01:01:53,190 --> 01:01:57,179
the what area the knowledge area of his

1411
01:01:55,650 --> 01:01:59,490

office you're not familiar with the

1412

01:01:57,179 --> 01:02:02,489

knowledge area in French we carry on

1413

01:01:59,489 --> 01:02:04,919

okay so this indicates that he's drawing

1414

01:02:02,489 --> 01:02:06,959

on wisdom and in the area of his office

1415

01:02:04,920 --> 01:02:08,909

it relates to reputation he has family

1416

01:02:06,960 --> 01:02:12,269

photos and this is good this gives him a

1417

01:02:08,909 --> 01:02:14,098

good reputation whereas this contrasts

1418

01:02:12,269 --> 01:02:18,030

with McCain his office is cluttered full

1419

01:02:14,099 --> 01:02:19,980

of knickknacks and trinkets and the the

1420

01:02:18,030 --> 01:02:22,230

fact that he has a lot of trinkets

1421

01:02:19,980 --> 01:02:25,949

suggest that his opportunities might get

1422

01:02:22,230 --> 01:02:28,139

stale or never quite a ride isn't it

1423

01:02:25,949 --> 01:02:30,239

amazing just because this was predicted

1424

01:02:28,139 --> 01:02:31,920

a couple of weeks ago and his

1425

01:02:30,239 --> 01:02:35,909

opportunities indeed did not arrive

1426
01:02:31,920 --> 01:02:38,190
imagination in his reputation area of

1427
01:02:35,909 --> 01:02:40,139
his office he has a bust of Teddy

1428
01:02:38,190 --> 01:02:42,990
Roosevelt and so this hints at what type

1429
01:02:40,139 --> 01:02:44,250
of president he will be but she she was

1430
01:02:42,989 --> 01:02:46,588
asked if there was anything they could

1431
01:02:44,250 --> 01:02:48,659
do to improve the Feng Shui to increase

1432
01:02:46,588 --> 01:02:51,239
their chances of gaining office today

1433
01:02:48,659 --> 01:02:53,338
and she said that yes the best thing

1434
01:02:51,239 --> 01:02:55,618
they can do is to place a small fountain

1435
01:02:53,338 --> 01:02:59,009
at the back left corner of their office

1436
01:02:55,619 --> 01:03:01,769
and this if you keep this flowing it

1437
01:02:59,010 --> 01:03:03,660
keeps freshness flowing and it brings in

1438
01:03:01,769 --> 01:03:05,699
money and opportunity but if they both

1439
01:03:03,659 --> 01:03:07,588
did it would not cancel each other out

1440
01:03:05,699 --> 01:03:09,419
well no there was one major difference

1441
01:03:07,588 --> 01:03:11,969
that Taylor man's pointed out and in

1442
01:03:09,420 --> 01:03:13,858
fact this was a disadvantage for Barack

1443
01:03:11,969 --> 01:03:16,500
Obama so I'm not sure she was correct

1444
01:03:13,858 --> 01:03:18,539
about this she said that his desk didn't

1445
01:03:16,500 --> 01:03:21,690
have a wall behind it was sort of in the

1446
01:03:18,539 --> 01:03:23,670
middle of the room and so this could

1447
01:03:21,690 --> 01:03:26,010
lead to backstabbing by his colleagues

1448
01:03:23,670 --> 01:03:28,858
because his back is exposed and there

1449
01:03:26,010 --> 01:03:31,560
was also a door behind his desk here so

1450
01:03:28,858 --> 01:03:33,420
this would lead him to be not supported

1451
01:03:31,559 --> 01:03:35,130
by the people he works with so this

1452
01:03:33,420 --> 01:03:37,139
could still happen i SAT all true you

1453
01:03:35,130 --> 01:03:41,400
should well what does Feng Shui have to

1454

01:03:37,139 --> 01:03:43,069
say about Oval offices that's how many

1455
01:03:41,400 --> 01:03:45,680
pretty complicated that's just I

1456
01:03:43,070 --> 01:03:50,099
understand about you know this the

1457
01:03:45,679 --> 01:03:52,139
spirits and so forth they it seems like

1458
01:03:50,099 --> 01:03:53,970
it would be some some centrifugal or

1459
01:03:52,139 --> 01:03:56,039
kind of a sense but before you are a

1460
01:03:53,969 --> 01:03:58,559
lost English Way going it would be able

1461
01:03:56,039 --> 01:04:00,300
to get out the bad spirits and what

1462
01:03:58,559 --> 01:04:03,119
maybe if you put a founder and I'm in

1463
01:04:00,300 --> 01:04:04,470
one of the office manager after once if

1464
01:04:03,119 --> 01:04:06,750
this is a problem because where would be

1465
01:04:04,469 --> 01:04:09,319
the reputation corner and the you know

1466
01:04:06,750 --> 01:04:12,230
there's no corners in available online

1467
01:04:09,320 --> 01:04:14,670
now I saw something on television

1468
01:04:12,230 --> 01:04:18,179

yesterday in fact which wasn't so funny

1469

01:04:14,670 --> 01:04:20,550

I must say now there's a TV show here in

1470

01:04:18,179 --> 01:04:22,799

Australia called mornings with Carrie

1471

01:04:20,550 --> 01:04:25,109

Ann Carrie Ann Kennedy has been a TV

1472

01:04:22,800 --> 01:04:26,940

personality and after some years in

1473

01:04:25,108 --> 01:04:29,670

Australia has a morning TV show I think

1474

01:04:26,940 --> 01:04:32,300

primarily aimed at women with this

1475

01:04:29,670 --> 01:04:34,500

cooking their celebrity interviews

1476

01:04:32,300 --> 01:04:37,740

advertorial lots of advertorials that

1477

01:04:34,500 --> 01:04:42,358

sort of thing sometimes it's in depth

1478

01:04:37,739 --> 01:04:44,879

sometimes it's not they tend to have

1479

01:04:42,358 --> 01:04:47,880

psychics on every other week sup like

1480

01:04:44,880 --> 01:04:49,980

that so last week they had two doctors

1481

01:04:47,880 --> 01:04:52,140

come on Dr. Penny Adams who's a regular

1482

01:04:49,980 --> 01:04:54,358

on the show and Dr. Christine Bennett

1483
01:04:52,139 --> 01:04:56,819
and they were both discussing the

1484
01:04:54,358 --> 01:04:59,429
virtues of vaccination as we all know

1485
01:04:56,820 --> 01:05:00,720
would think which is commendable

1486
01:04:59,429 --> 01:05:03,269
absolutely commendable that the show

1487
01:05:00,719 --> 01:05:05,509
like that should to inform young parents

1488
01:05:03,269 --> 01:05:07,199
about the benefits of vaccinations

1489
01:05:05,510 --> 01:05:10,430
unfortunately this caught the attention

1490
01:05:07,199 --> 01:05:13,529
of and wait for this the Australian

1491
01:05:10,429 --> 01:05:14,809
vaccination network now save da

1492
01:05:13,530 --> 01:05:17,369
listeners you might think to yourself

1493
01:05:14,809 --> 01:05:18,989
the Australian vaccination networks

1494
01:05:17,369 --> 01:05:23,940
surely that's a network of people

1495
01:05:18,989 --> 01:05:28,549
interested in promoting vaccinations no

1496
01:05:23,940 --> 01:05:31,440
no it's a group of people interested in

1497
01:05:28,550 --> 01:05:31,920
eliminating vaccinations although they

1498
01:05:31,440 --> 01:05:34,769
won't

1499
01:05:31,920 --> 01:05:36,630
come out and say that they pretend what

1500
01:05:34,769 --> 01:05:40,920
they say is all we just want to give

1501
01:05:36,630 --> 01:05:42,630
parents information and choice that's

1502
01:05:40,920 --> 01:05:44,338
all we want to do but of course the

1503
01:05:42,630 --> 01:05:47,670
information they give the parents's do

1504
01:05:44,338 --> 01:05:50,969
not vaccinate this goes to extremes I a

1505
01:05:47,670 --> 01:05:53,490
couple years back i attended a talk

1506
01:05:50,969 --> 01:05:56,338
given by these people some of the claims

1507
01:05:53,489 --> 01:06:00,239
on stage by the various speakers they

1508
01:05:56,338 --> 01:06:04,650
had were that vaccinations is a plot by

1509
01:06:00,239 --> 01:06:08,098
Western governments to depopulate third

1510
01:06:04,650 --> 01:06:12,180
world I kid you not and their evidence

1511

01:06:08,099 --> 01:06:14,039
is from where Richard other conspiracy

1512
01:06:12,179 --> 01:06:17,838
theory restigouche is the Big Pharma

1513
01:06:14,039 --> 01:06:21,659
conspiracy event and also that most ill

1514
01:06:17,838 --> 01:06:24,960
in hospital emergency wards can be

1515
01:06:21,659 --> 01:06:26,759
treated by intravenous vitamin C yeah I

1516
01:06:24,960 --> 01:06:27,659
see you mentioned that to me days ago

1517
01:06:26,760 --> 01:06:29,369
and I thought that was really

1518
01:06:27,659 --> 01:06:31,679
interesting so next time I turn up with

1519
01:06:29,369 --> 01:06:34,769
an amputated limb yes to emergency

1520
01:06:31,679 --> 01:06:37,348
vitamin C I'll just infiltrate sonata in

1521
01:06:34,769 --> 01:06:43,829
C one speaker also told us that we can

1522
01:06:37,349 --> 01:06:46,920
use homeopathy to vaccinate I beg your

1523
01:06:43,829 --> 01:06:49,079
pardon yes but then the next speaker

1524
01:06:46,920 --> 01:06:51,990
speaker shortly thereafter said you

1525
01:06:49,079 --> 01:06:53,400

couldn't use homeopathy to vaccinate so

1526

01:06:51,989 --> 01:06:54,959

they can't even get that story I can't

1527

01:06:53,400 --> 01:06:58,519

even get their story straight these

1528

01:06:54,960 --> 01:07:01,559

people are set so what happened was

1529

01:06:58,519 --> 01:07:03,719

these people bombarded because they're

1530

01:07:01,559 --> 01:07:05,548

religious idiots they bombarded the TV

1531

01:07:03,719 --> 01:07:07,078

show saying oh no you have to have to

1532

01:07:05,548 --> 01:07:09,150

present both sides of the story you know

1533

01:07:07,079 --> 01:07:11,309

vaccinations are able to see just a

1534

01:07:09,150 --> 01:07:13,619

vindictive they treat it like a religion

1535

01:07:11,309 --> 01:07:15,660

I mean the only thing you can compare it

1536

01:07:13,619 --> 01:07:17,730

to is just a case of fun wireless fight

1537

01:07:15,659 --> 01:07:19,558

it's faith it's made based on ever it's

1538

01:07:17,730 --> 01:07:22,679

based on pure emotion and anger and

1539

01:07:19,559 --> 01:07:25,769

faith absolutely yeah so the carrion

1540
01:07:22,679 --> 01:07:28,259
people had on one Merrill Dory from the

1541
01:07:25,769 --> 01:07:29,780
Australian vaccination network and Penny

1542
01:07:28,260 --> 01:07:32,480
Adams the good good

1543
01:07:29,780 --> 01:07:34,780
penny adams and merrill dory on carrie

1544
01:07:32,480 --> 01:07:37,820
Ann came up with the most outrageous

1545
01:07:34,780 --> 01:07:39,320
rubbish about what vaccinations do yeah

1546
01:07:37,820 --> 01:07:42,200
and the fact that they're not based on

1547
01:07:39,320 --> 01:07:43,730
science and they don't work and Penny

1548
01:07:42,199 --> 01:07:47,269
Adams is sort of sitting there with this

1549
01:07:43,730 --> 01:07:50,210
look of just amuse Madonna face but the

1550
01:07:47,269 --> 01:07:52,190
trouble is it gave this rat bag from the

1551
01:07:50,210 --> 01:07:55,010
exfoliant vaccination network airtime

1552
01:07:52,190 --> 01:07:58,369
which was very bad and also they had on

1553
01:07:55,010 --> 01:08:00,620
the line we have an ex nurse who gave

1554
01:07:58,369 --> 01:08:02,509
her story about how she didn't vaccinate

1555
01:08:00,619 --> 01:08:05,389
her kids and her kids are fine he

1556
01:08:02,510 --> 01:08:07,490
shouldn't vaccinate yes so this nurse

1557
01:08:05,389 --> 01:08:08,719
they had on was who probably was a nurse

1558
01:08:07,489 --> 01:08:12,049
at some stage I have no reason to doubt

1559
01:08:08,719 --> 01:08:13,219
that According to Pete about it she was

1560
01:08:12,050 --> 01:08:14,690
our current president in the Australian

1561
01:08:13,219 --> 01:08:17,568
skeptics and has done some research on

1562
01:08:14,690 --> 01:08:20,539
this thing what's in fact now naturopath

1563
01:08:17,569 --> 01:08:23,240
I say you see ya and you know what the

1564
01:08:20,539 --> 01:08:26,390
ND after naturopath stands for not a

1565
01:08:23,239 --> 01:08:28,639
doctor exactly right now Rachel I know

1566
01:08:26,390 --> 01:08:30,588
you've heard this interview yes I heard

1567
01:08:28,640 --> 01:08:32,359
this interview which they then I'm so

1568

01:08:30,588 --> 01:08:36,140
pleased you sent meetings thank you so

1569
01:08:32,359 --> 01:08:38,630
much I was really really angry and this

1570
01:08:36,140 --> 01:08:40,579
woman the anti-vaccination woman she

1571
01:08:38,630 --> 01:08:42,680
uses the technique that many alternative

1572
01:08:40,579 --> 01:08:45,079
therapists and you know believers use

1573
01:08:42,680 --> 01:08:47,240
and that is to just bombard you with

1574
01:08:45,079 --> 01:08:48,979
information so she was just going a mile

1575
01:08:47,239 --> 01:08:51,559
a minute just spitting out all this

1576
01:08:48,979 --> 01:08:54,318
stuff yeah but it was it was difficult

1577
01:08:51,560 --> 01:08:57,440
to keep up with her until she said this

1578
01:08:54,319 --> 01:08:59,390
is not based on science and I've

1579
01:08:57,439 --> 01:09:01,669
realized then I already knew that she

1580
01:08:59,390 --> 01:09:03,859
was an idiot but at this point I thought

1581
01:09:01,670 --> 01:09:05,569
was she got absolutely no clue what

1582
01:09:03,859 --> 01:09:07,880

she's talking about does she know

1583

01:09:05,569 --> 01:09:10,910

anything about how vaccinations are

1584

01:09:07,880 --> 01:09:12,470

designed and how they came to be they

1585

01:09:10,909 --> 01:09:13,909

keep trotting out the same it's like

1586

01:09:12,470 --> 01:09:15,798

creationists they keep trotting out the

1587

01:09:13,909 --> 01:09:17,568

same line again and again and again now

1588

01:09:15,798 --> 01:09:19,159

yeah but what do you mean they're not

1589

01:09:17,569 --> 01:09:20,510

based on science of course they're based

1590

01:09:19,159 --> 01:09:22,519

on science they're based on how the

1591

01:09:20,510 --> 01:09:25,670

immune system functions yeah and they're

1592

01:09:22,520 --> 01:09:28,100

designed to treat to stop invading

1593

01:09:25,670 --> 01:09:29,720

pathogen no I don't get it how are we

1594

01:09:28,100 --> 01:09:32,539

supposed to deal with people like this

1595

01:09:29,720 --> 01:09:34,670

who wish to inflict great harm on

1596

01:09:32,539 --> 01:09:36,229

children and babies it's really

1597
01:09:34,670 --> 01:09:39,020
difficult it's really difficult not to

1598
01:09:36,229 --> 01:09:41,269
get completely hysterically angry at

1599
01:09:39,020 --> 01:09:44,290
quite frankly look why we've been

1600
01:09:41,270 --> 01:09:48,049
chatting kylie is is about to join us

1601
01:09:44,289 --> 01:09:50,000
all the way through hello Kylie hello

1602
01:09:48,048 --> 01:09:51,619
hello and happy election time I know

1603
01:09:50,000 --> 01:09:53,449
with all the stories that have been

1604
01:09:51,619 --> 01:09:55,789
going on about the wonderful news for

1605
01:09:53,449 --> 01:09:57,470
the American election yes we've talked

1606
01:09:55,789 --> 01:09:59,390
about we're very excited about that

1607
01:09:57,470 --> 01:10:01,820
Colleen it's good news is very good news

1608
01:09:59,390 --> 01:10:04,940
well one of the things that I had been

1609
01:10:01,819 --> 01:10:07,759
researching for quite some time involved

1610
01:10:04,939 --> 01:10:09,529
superstitions and although this is from

1611
01:10:07,760 --> 01:10:11,780
a paper that was published in cortex

1612
01:10:09,529 --> 01:10:14,239
back earlier this year in fact it was

1613
01:10:11,779 --> 01:10:15,769
published in june it is about dr.

1614
01:10:14,239 --> 01:10:17,929
christopher french and several other

1615
01:10:15,770 --> 01:10:23,000
researchers look into creating your own

1616
01:10:17,930 --> 01:10:27,380
haunted house yes and it's only just

1617
01:10:23,000 --> 01:10:29,270
sort of hit the main press only recently

1618
01:10:27,380 --> 01:10:31,130
but possibly due to the fact that it's

1619
01:10:29,270 --> 01:10:33,620
been halloween not so long ago oh yes

1620
01:10:31,130 --> 01:10:35,840
again and so researchers from Goldsmiths

1621
01:10:33,619 --> 01:10:38,869
College in UK actually attempted to

1622
01:10:35,840 --> 01:10:40,880
build a haunted room and in order so you

1623
01:10:38,869 --> 01:10:43,159
see what they might be able to find they

1624
01:10:40,880 --> 01:10:45,770
outfitted a room with EMF and infrasound

1625

01:10:43,159 --> 01:10:47,569
generators and then test subjects into

1626
01:10:45,770 --> 01:10:50,180
the haunted room and try to figure out

1627
01:10:47,569 --> 01:10:52,609
what their reactions might be oh don't

1628
01:10:50,180 --> 01:10:54,740
leave us in suspense what yeah what

1629
01:10:52,609 --> 01:10:57,739
happened Carly well I well apparently

1630
01:10:54,739 --> 01:10:58,939
most reported some unusual sensations

1631
01:10:57,739 --> 01:11:01,729
but there wasn't really much of a

1632
01:10:58,939 --> 01:11:03,619
correlation between feeling feelings are

1633
01:11:01,729 --> 01:11:05,869
being haunted and the presence of EMF

1634
01:11:03,619 --> 01:11:07,670
whimper sound or like others the case

1635
01:11:05,869 --> 01:11:10,189
may be obviously they tried to do it in

1636
01:11:07,670 --> 01:11:11,500
a experimental setup and they said

1637
01:11:10,189 --> 01:11:14,419
they're probably most of the unusual

1638
01:11:11,500 --> 01:11:16,310
situation said they felt any sensations

1639
01:11:14,420 --> 01:11:18,949

they went through a probably just

1640

01:11:16,310 --> 01:11:20,690

suggestion just bits expecting to do

1641

01:11:18,949 --> 01:11:23,630

something after being told pre

1642

01:11:20,689 --> 01:11:26,239

experiment and it was probably just got

1643

01:11:23,630 --> 01:11:28,550

old temporal lobe ability of here is

1644

01:11:26,239 --> 01:11:31,309

about taking in and saying this is scary

1645

01:11:28,550 --> 01:11:32,690

Oh Carly can you please um for our

1646

01:11:31,310 --> 01:11:34,850

listeners who may not have caught up

1647

01:11:32,689 --> 01:11:36,799

with this two bits of information I

1648

01:11:34,850 --> 01:11:38,960

wonder if you can fill them in the first

1649

01:11:36,800 --> 01:11:40,000

one is our friend and colleague and

1650

01:11:38,960 --> 01:11:42,159

infinite bill

1651

01:11:40,000 --> 01:11:45,520

I might need our help and also the

1652

01:11:42,159 --> 01:11:47,769

latest news on stop Sylvia Browne yes

1653

01:11:45,520 --> 01:11:51,400

well first of all stop so we are brown

1654
01:11:47,770 --> 01:11:53,440
the website has changed and everyone who

1655
01:11:51,399 --> 01:11:55,750
has ever blogged about it sent it by

1656
01:11:53,439 --> 01:11:58,000
email or possibly even want to recommend

1657
01:11:55,750 --> 01:12:01,180
it to people this new site that they

1658
01:11:58,000 --> 01:12:03,399
have to go to is stop Sylvia dot-com

1659
01:12:01,180 --> 01:12:06,940
it's as simple as that and unfortunately

1660
01:12:03,399 --> 01:12:09,759
it's due to a situation where the

1661
01:12:06,939 --> 01:12:12,189
ownership of the original site which is

1662
01:12:09,760 --> 01:12:16,750
no one there going to be active that is

1663
01:12:12,189 --> 01:12:19,479
the stop Sylvia Browne site rather silly

1664
01:12:16,750 --> 01:12:21,310
person thought that they do the doozy

1665
01:12:19,479 --> 01:12:24,669
whilst Robert Lancaster was unwell and

1666
01:12:21,310 --> 01:12:26,500
snap it up whilst it was on really up

1667
01:12:24,670 --> 01:12:29,140
for sale since the army hadn't been

1668
01:12:26,500 --> 01:12:31,180
renewed unfortunately they take the

1669
01:12:29,140 --> 01:12:33,190
rather odd mistake of thinking that once

1670
01:12:31,180 --> 01:12:34,659
you have the site the traffic's going to

1671
01:12:33,189 --> 01:12:36,399
come with it and of course that's just

1672
01:12:34,659 --> 01:12:38,199
not going to happen malysch you have the

1673
01:12:36,399 --> 01:12:41,469
sort of quality material that Robert

1674
01:12:38,199 --> 01:12:44,409
Lancaster was putting out about psychics

1675
01:12:41,470 --> 01:12:46,240
of questioning so we are Browns tactics

1676
01:12:44,409 --> 01:12:48,159
as it were people just aren't going to

1677
01:12:46,239 --> 01:12:51,069
be interested and so people have now

1678
01:12:48,159 --> 01:12:55,239
begun to quite definitely move towards

1679
01:12:51,069 --> 01:12:56,859
stop Sylvia calm and I think it's sort

1680
01:12:55,239 --> 01:12:58,119
of a bit of an egg on the face for the

1681
01:12:56,859 --> 01:12:59,949
fellow who thought that he might be able

1682

01:12:58,119 --> 01:13:02,260
to get all that traffic because people

1683
01:12:59,949 --> 01:13:04,539
are now going to be seeking sensible

1684
01:13:02,260 --> 01:13:07,360
resources and advice in regards to how

1685
01:13:04,539 --> 01:13:10,269
to deal with Sylvia Browns claims on

1686
01:13:07,359 --> 01:13:12,609
stop Soviet calm so the message is if

1687
01:13:10,270 --> 01:13:16,090
you previously if you've linked to stop

1688
01:13:12,609 --> 01:13:20,349
Sylvia Browne calm now yealink to stop

1689
01:13:16,090 --> 01:13:22,869
Sylvia calm now the infidel guy working

1690
01:13:20,350 --> 01:13:25,240
jealous Oh infidel guy i'm currently

1691
01:13:22,869 --> 01:13:26,649
looking over his web page at the moment

1692
01:13:25,239 --> 01:13:28,239
in order to see whether or not the

1693
01:13:26,649 --> 01:13:31,539
formal message that was put up there

1694
01:13:28,239 --> 01:13:33,909
than before still remained but i cannot

1695
01:13:31,539 --> 01:13:35,890
seem to find it but what I do know is

1696
01:13:33,909 --> 01:13:38,710

that the Imperial guy like many people

1697

01:13:35,890 --> 01:13:40,869

in the current financial problems that

1698

01:13:38,710 --> 01:13:43,029

are happening over in America is one of

1699

01:13:40,869 --> 01:13:45,309

the people who would like to continue on

1700

01:13:43,029 --> 01:13:48,969

his show which you can find an evil guy

1701

01:13:45,310 --> 01:13:50,369

show on infidel guide com but he's still

1702

01:13:48,970 --> 01:13:52,229

looking for additional funding

1703

01:13:50,368 --> 01:13:54,898

because many people had let their gold

1704

01:13:52,229 --> 01:13:56,219

membership lapse and of course it makes

1705

01:13:54,899 --> 01:13:58,829

it really difficult for someone who is

1706

01:13:56,219 --> 01:14:00,269

making a living from these podcast and

1707

01:13:58,828 --> 01:14:02,518

for the material that it puts out there

1708

01:14:00,269 --> 01:14:04,260

to essentially maintain the lifestyle

1709

01:14:02,519 --> 01:14:06,510

and certainly to raise a family which is

1710

01:14:04,260 --> 01:14:08,998

what this man does so if people could

1711
01:14:06,510 --> 01:14:11,849
possibly find it in themselves to donate

1712
01:14:08,998 --> 01:14:14,188
to join up and get a gold membership in

1713
01:14:11,849 --> 01:14:15,538
order to subscribe to some excellent

1714
01:14:14,189 --> 01:14:17,519
material that he's been putting out

1715
01:14:15,538 --> 01:14:19,349
there suddenly he's been a long-standing

1716
01:14:17,519 --> 01:14:21,418
member of the Atheist community in

1717
01:14:19,349 --> 01:14:23,610
America it would certainly help him out

1718
01:14:21,418 --> 01:14:26,729
and that's on in padova infidel guide

1719
01:14:23,609 --> 01:14:30,359
com but isn't here one of the original

1720
01:14:26,729 --> 01:14:33,628
skeptical atheist podcasters to do that

1721
01:14:30,359 --> 01:14:35,759
here's one of the first row absolute my

1722
01:14:33,628 --> 01:14:37,498
girl first I must have it that I first

1723
01:14:35,760 --> 01:14:39,628
heard about it when I was getting into

1724
01:14:37,498 --> 01:14:41,398
skeptic ality and I believe that there's

1725
01:14:39,628 --> 01:14:43,948
an excellent interview featuring with

1726
01:14:41,399 --> 01:14:46,789
him on there from several years back hmm

1727
01:14:43,948 --> 01:14:51,719
yeah now that here's the same way

1728
01:14:46,788 --> 01:14:53,158
speaking about donating listeners may be

1729
01:14:51,719 --> 01:14:55,498
interested to know and if you go

1730
01:14:53,158 --> 01:14:57,328
descriptives own TV there's a link I'm

1731
01:14:55,498 --> 01:14:59,788
actually growing in the stash at the

1732
01:14:57,328 --> 01:15:03,389
moment for medical research he is yes I

1733
01:14:59,788 --> 01:15:06,208
love for Movember they call it Movember

1734
01:15:03,389 --> 01:15:09,269
and if you go to the link you can see a

1735
01:15:06,208 --> 01:15:11,158
daily photograph of life it's we kept

1736
01:15:09,269 --> 01:15:13,349
missing my mustache slowly growing up

1737
01:15:11,158 --> 01:15:15,538
regretting everything bad because of the

1738
01:15:13,349 --> 01:15:18,119
very generous donations by some of our

1739

01:15:15,538 --> 01:15:19,918
listeners and friends I read them

1740
01:15:18,118 --> 01:15:21,958
achieved a certain milestone and they

1741
01:15:19,918 --> 01:15:26,248
moved then the people sent me a little

1742
01:15:21,958 --> 01:15:31,679
shaving kit and here is what will be

1743
01:15:26,248 --> 01:15:33,359
inside razor and don't forget without a

1744
01:15:31,679 --> 01:15:35,969
week to tell our listeners that Movember

1745
01:15:33,359 --> 01:15:37,589
is an international event you so our

1746
01:15:35,969 --> 01:15:40,769
international business can also

1747
01:15:37,590 --> 01:15:45,168
subscribe and donate to Richard that

1748
01:15:40,769 --> 01:15:49,168
please do this what's a nicely for which

1749
01:15:45,168 --> 01:15:51,090
is remote so charities okay I've got a

1750
01:15:49,168 --> 01:15:53,340
little card here look fold-out piece of

1751
01:15:51,090 --> 01:15:56,519
paper that's come with it and it's for

1752
01:15:53,340 --> 01:15:57,960
prostate research and beyond for energy

1753
01:15:56,519 --> 01:16:01,070

on

1754

01:15:57,960 --> 01:16:04,980

depression research what do we have here

1755

01:16:01,069 --> 01:16:07,109

they'll be on blue card and I've got my

1756

01:16:04,979 --> 01:16:09,000

lad for the razor blade in question from

1757

01:16:07,109 --> 01:16:11,099

chic Thank You Schick for sponsoring

1758

01:16:09,000 --> 01:16:13,979

this worthy cause it's really worthy

1759

01:16:11,100 --> 01:16:15,570

it's a really big also submission this

1760

01:16:13,979 --> 01:16:20,119

me we're gonna have to put down flipper

1761

01:16:15,569 --> 01:16:23,729

so high it's a tight it's 22 tiny little

1762

01:16:20,119 --> 01:16:26,309

comb in this shape of a mustache so you

1763

01:16:23,729 --> 01:16:28,738

can comb your dash and a little mirror

1764

01:16:26,310 --> 01:16:30,870

so you can watch the stash at the same

1765

01:16:28,738 --> 01:16:32,099

time so that's just wonderful don't

1766

01:16:30,869 --> 01:16:34,170

worry if there's I'll get a photograph

1767

01:16:32,100 --> 01:16:35,489

of that and put it on the west why don't

1768
01:16:34,170 --> 01:16:38,369
you take a photograph right now there we

1769
01:16:35,488 --> 01:16:41,189
go she's going to a camera here we go a

1770
01:16:38,369 --> 01:16:43,829
little mustache on my my my staff now

1771
01:16:41,189 --> 01:16:46,649
the mirror and yeah it's not really my

1772
01:16:43,829 --> 01:16:52,010
status it's a sort of a glorified

1773
01:16:46,649 --> 01:16:55,469
three-day growth oh oh he's trying

1774
01:16:52,010 --> 01:16:59,280
understand your comment it going cuz it

1775
01:16:55,469 --> 01:17:01,050
much too quickly Darius at the moment I

1776
01:16:59,279 --> 01:17:03,479
must appease even though we're not as

1777
01:17:01,050 --> 01:17:05,430
popular as the photo guy and we haven't

1778
01:17:03,479 --> 01:17:08,549
really got thousands of people joining

1779
01:17:05,430 --> 01:17:09,630
up my cam stops all Viacom I think that

1780
01:17:08,550 --> 01:17:13,199
we should probably get more and more

1781
01:17:09,630 --> 01:17:15,119
people checking out skeptics own TV just

1782
01:17:13,199 --> 01:17:16,710
to check out our very unique page

1783
01:17:15,119 --> 01:17:20,300
which now seems that everything from

1784
01:17:16,710 --> 01:17:24,119
camels using Richard space being kind

1785
01:17:20,300 --> 01:17:26,850
that's right let's let's let's keep

1786
01:17:24,119 --> 01:17:29,189
putting up as many ridiculous photo

1787
01:17:26,850 --> 01:17:32,190
closest to be defense that would be

1788
01:17:29,189 --> 01:17:34,679
tremendous you know my donate to see

1789
01:17:32,189 --> 01:17:36,779
Richard some progress isn't where he'll

1790
01:17:34,680 --> 01:17:38,190
like it and actually at the end of the

1791
01:17:36,779 --> 01:17:40,019
month we can all see you on the big

1792
01:17:38,189 --> 01:17:41,689
screen with the mustache very similar to

1793
01:17:40,020 --> 01:17:44,960
the one you grow now is where it right

1794
01:17:41,689 --> 01:17:47,659
yes listeners me may be interested if

1795
01:17:44,960 --> 01:17:48,948
you go to see the new movie Australia

1796

01:17:47,659 --> 01:17:51,109
which is opening at the end of month

1797
01:17:48,948 --> 01:17:52,488
around the world starring hugh jackman

1798
01:17:51,109 --> 01:17:55,369
and nicole kidman and host of other

1799
01:17:52,488 --> 01:17:57,169
stars you can possibly spot me towards

1800
01:17:55,369 --> 01:18:00,039
the end of the movie and when there's a

1801
01:17:57,170 --> 01:18:02,630
dancing sing yes the dances then I do

1802
01:18:00,039 --> 01:18:04,550
it's a bit strange and some shots I'll

1803
01:18:02,630 --> 01:18:05,960
have a mustache and sash some shots I

1804
01:18:04,550 --> 01:18:08,079
won't but anyway that's another story

1805
01:18:05,960 --> 01:18:10,189
I'd like to give a big shout out now

1806
01:18:08,079 --> 01:18:11,510
moving right along with the think tank

1807
01:18:10,189 --> 01:18:13,399
I'd like to give a big shout out to a

1808
01:18:11,510 --> 01:18:16,850
very dear friend of ours Elaine Gilman

1809
01:18:13,399 --> 01:18:20,269
who is in denver colorado and she runs

1810
01:18:16,850 --> 01:18:23,360

the Denver skeptics now friends in

1811

01:18:20,270 --> 01:18:25,219

listening in Denver you can find out

1812

01:18:23,359 --> 01:18:28,189

more about the Denver skeptics by going

1813

01:18:25,219 --> 01:18:32,750

to meetup com and simply doing a search

1814

01:18:28,189 --> 01:18:34,698

on Denver skeptics I know Kylie um last

1815

01:18:32,750 --> 01:18:37,069

year I think it was last year in the old

1816

01:18:34,698 --> 01:18:39,500

tank of vodcast will certainly put a

1817

01:18:37,069 --> 01:18:40,698

link to this story on the blog it was

1818

01:18:39,500 --> 01:18:43,310

actually at the beginning of this year

1819

01:18:40,698 --> 01:18:45,559

that it seems so long ago look like

1820

01:18:43,310 --> 01:18:47,690

really revisit it that's sad but you

1821

01:18:45,560 --> 01:18:51,410

interviewed a very famous and funny man

1822

01:18:47,689 --> 01:18:53,539

by the name of Tim Minchin yes yes

1823

01:18:51,409 --> 01:18:54,889

that's wonderful and in fact to those

1824

01:18:53,539 --> 01:18:58,010

people in Australia who had the

1825
01:18:54,890 --> 01:19:00,410
opportunity to watch a most recent

1826
01:18:58,010 --> 01:19:02,060
episode of Andrew Denton's enough rope

1827
01:19:00,409 --> 01:19:04,670
they would have seen him as one of the

1828
01:19:02,060 --> 01:19:07,010
featured interviewees I saw him he was

1829
01:19:04,670 --> 01:19:08,840
very entertaining he's a skeptical

1830
01:19:07,010 --> 01:19:12,199
comedians new phone now what's that one

1831
01:19:08,840 --> 01:19:15,850
Rachel's at a 747 or 737 air box

1832
01:19:12,198 --> 01:19:19,169
probably a nice refer to something

1833
01:19:15,850 --> 01:19:19,170
they just come right over the house

1834
01:19:19,340 --> 01:19:24,539
Sonny look to it

1835
01:19:21,779 --> 01:19:27,769
sorry right sorry Carly tell me about

1836
01:19:24,539 --> 01:19:27,769
time for Santa

1837
01:19:27,869 --> 01:19:32,378
Wow

1838
01:19:30,849 --> 01:19:35,199
that's what I live with that's what

1839
01:19:32,378 --> 01:19:37,118
happened sorry Carly you were saying to

1840
01:19:35,198 --> 01:19:39,038
mention yes not enough rope however if I

1841
01:19:37,118 --> 01:19:40,448
start for the Midway their identity yes

1842
01:19:39,038 --> 01:19:42,340
those people in Australia who are

1843
01:19:40,448 --> 01:19:43,839
fortunate enough to see enough rope

1844
01:19:42,340 --> 01:19:46,479
recently which is Andrew Denton's

1845
01:19:43,840 --> 01:19:48,010
interview show his chat show they would

1846
01:19:46,479 --> 01:19:50,739
have seen technician of here is one of

1847
01:19:48,010 --> 01:19:52,359
the very first guests and not only did

1848
01:19:50,738 --> 01:19:54,518
he hopped back to Australia in order to

1849
01:19:52,359 --> 01:19:56,800
do that interview especially it's going

1850
01:19:54,519 --> 01:19:58,869
to be touring next year around about

1851
01:19:56,800 --> 01:20:01,809
March and tickets are selling already so

1852
01:19:58,868 --> 01:20:03,668
people should jump on and grab them

1853

01:20:01,809 --> 01:20:05,439
whilst they're going because already

1854
01:20:03,668 --> 01:20:07,569
I've noticed that people have started

1855
01:20:05,439 --> 01:20:10,269
nothing about how they're getting seats

1856
01:20:07,569 --> 01:20:11,828
in the middle range and the show is

1857
01:20:10,269 --> 01:20:13,628
happening in knives and tickets are

1858
01:20:11,828 --> 01:20:15,549
selling now so those popular straily I

1859
01:20:13,628 --> 01:20:17,738
should certainly check out our Tim

1860
01:20:15,550 --> 01:20:20,590
Minchin site which i believe is tanisha

1861
01:20:17,738 --> 01:20:23,259
calm party here yes I thought atheist

1862
01:20:20,590 --> 01:20:24,429
comedian isn't he and he was I saw that

1863
01:20:23,260 --> 01:20:26,679
interview on monday and he was

1864
01:20:24,429 --> 01:20:28,628
mentioning the fact that he has a go at

1865
01:20:26,679 --> 01:20:31,389
religion on stage and when he was an

1866
01:20:28,628 --> 01:20:33,628
Embera recently I had someone come and

1867
01:20:31,389 --> 01:20:37,059

threaten him because he'd made some

1868

01:20:33,628 --> 01:20:39,668

comments about beliefs or something is

1869

01:20:37,059 --> 01:20:41,859

that funny yes yes it certainly tried

1870

01:20:39,668 --> 01:20:43,748

that he makes a couple question but he's

1871

01:20:41,859 --> 01:20:45,699

a comedian and one of the things that he

1872

01:20:43,748 --> 01:20:48,550

tries to do is make people think he does

1873

01:20:45,698 --> 01:20:50,708

want to be insulting or certainly

1874

01:20:48,550 --> 01:20:53,050

there's not one of the way our comedians

1875

01:20:50,708 --> 01:20:55,510

who are doing a chest to shock he's

1876

01:20:53,050 --> 01:20:57,849

intellectual and he is certainly very

1877

01:20:55,510 --> 01:21:00,280

well known among skeptic circles simply

1878

01:20:57,849 --> 01:21:02,078

for one of his popular songs called if

1879

01:21:00,279 --> 01:21:05,759

you open your mind too much your brain

1880

01:21:02,078 --> 01:21:08,408

will fall out using rackets take my wife

1881

01:21:05,760 --> 01:21:10,989

yes so I would also encourage our

1882
01:21:08,408 --> 01:21:12,998
Australian asst to visit Tim mentions

1883
01:21:10,988 --> 01:21:15,009
website and and certainly get along to

1884
01:21:12,998 --> 01:21:16,840
see the show well thank you Kylie

1885
01:21:15,010 --> 01:21:21,219
Sturgis for for joining us like a

1886
01:21:16,840 --> 01:21:23,229
hologram why thank you Richard Saunders

1887
01:21:21,219 --> 01:21:25,179
I guess I'll just hop into the sixth

1888
01:21:23,229 --> 01:21:27,309
dimension here she's looking off into a

1889
01:21:25,179 --> 01:21:28,958
phase of cotton the only thing she

1890
01:21:27,309 --> 01:21:31,359
doesn't have amanda is that little

1891
01:21:28,958 --> 01:21:33,608
circle of red line you need to be

1892
01:21:31,359 --> 01:21:35,050
floating on something and being in

1893
01:21:33,609 --> 01:21:36,560
enough if she's moving too much you

1894
01:21:35,050 --> 01:21:38,900
should over arm straight down as

1895
01:21:36,560 --> 01:21:41,000
and Biggio mangroves for joining spores

1896
01:21:38,899 --> 01:21:43,219
and thank you dr. Rachel Dunlop for

1897
01:21:41,000 --> 01:21:45,229
letting us use your wonderful room here

1898
01:21:43,220 --> 01:21:48,470
with a stunning view of the it's

1899
01:21:45,229 --> 01:21:51,049
stunning in your welcome anytime in a

1900
01:21:48,470 --> 01:21:54,699
car going outside so that's cheers and

1901
01:21:51,050 --> 01:21:58,130
jeers ntsc akari hologram woman

1902
01:21:54,699 --> 01:22:00,260
absolutely receive nice we'll see you or

1903
01:21:58,130 --> 01:22:03,069
you'll hear us i should say in a couple

1904
01:22:00,260 --> 01:22:03,070
weeks in the next one

1905
01:22:19,679 --> 01:22:24,149
Richard it gives me such great pleasure

1906
01:22:22,260 --> 01:22:25,920
to be part of the skeptic zone and part

1907
01:22:24,149 --> 01:22:27,958
of creation I love being part of

1908
01:22:25,920 --> 01:22:29,670
creation stuff are just to be able to

1909
01:22:27,958 --> 01:22:32,399
get such a podcast as we've just

1910

01:22:29,670 --> 01:22:34,469
produced it's just been amazing what a

1911
01:22:32,399 --> 01:22:36,779
great show that what a great show that

1912
01:22:34,469 --> 01:22:39,118
was fun i really enjoy that I enjoyed

1913
01:22:36,779 --> 01:22:40,469
meeting Eugenie Scott once again and

1914
01:22:39,118 --> 01:22:42,359
Paul Willis and talking to the other

1915
01:22:40,469 --> 01:22:44,099
people so you know what I think we'll

1916
01:22:42,359 --> 01:22:46,288
have to do it all over again in two

1917
01:22:44,099 --> 01:22:47,909
weeks I think we will once again the

1918
01:22:46,288 --> 01:22:50,158
skeptic zone has been an action-packed

1919
01:22:47,908 --> 01:22:51,988
and fun-filled well well and by the way

1920
01:22:50,158 --> 01:22:53,578
everyone thanks for listening it's been

1921
01:22:51,988 --> 01:22:55,919
it's been really good to see all the

1922
01:22:53,578 --> 01:22:57,658
feedback and you have lots of great sort

1923
01:22:55,920 --> 01:23:00,630
of reports and stats coming through on

1924
01:22:57,658 --> 01:23:02,819

the podcast yeah yeah we're gangbusters

1925

01:23:00,630 --> 01:23:04,979

at the moment thanks and if everybody

1926

01:23:02,819 --> 01:23:06,208

could just tell one friend or even two

1927

01:23:04,979 --> 01:23:08,939

enemies about the show would be

1928

01:23:06,208 --> 01:23:10,170

delighted yeah we want to convert a few

1929

01:23:08,939 --> 01:23:12,209

people we don't want to preach to the

1930

01:23:10,170 --> 01:23:13,920

converted creationists to come and

1931

01:23:12,208 --> 01:23:17,010

listen to us I hope they down come on

1932

01:23:13,920 --> 01:23:18,658

down craziness all right oh well thanks

1933

01:23:17,010 --> 01:23:20,789

a lot reach it will see you see you next

1934

01:23:18,658 --> 01:23:23,719

week or next 49 in two weeks time see

1935

01:23:20,788 --> 01:23:23,719

you then steph all right

1936

01:23:25,219 --> 01:23:31,279

you've been listening to the skeptic

1937

01:23:27,260 --> 01:23:35,030

zone visit our website at www.skeptics

1938

01:23:31,279 --> 01:23:37,988

on TV for comments contacts and extra

1939

01:23:35,029 --> 01:23:37,988

video reports

1940

01:23:38,649 --> 01:23:41,649

scanty

1941

01:23:49,609 --> 01:23:51,670

Oh

1942

01:23:56,359 --> 01:23:58,420

you