SKEPTIC
ZONE
THINKING CAPS
MUST BE WORN
IN THIS AREA
The
Podcast
from
Australia
for
Science
and
Reason
www.skepticzone.tv

1
00:00:12,999 --> 00:00:09,500
welcome to the skeptic zone the podcast

2
00:00:16,820 --> 00:00:13,009
from Australia for science and reason

3
00:00:20,580 --> 00:00:16,830
yuria hosts Richard Saunders and Stefan

4
00:00:25,900 --> 00:00:23,560
Richard welcome to the zone once again

5
00:00:27,580 --> 00:00:25,910
zone number five it's good to be here

6
00:00:29,470 --> 00:00:27,590
what an amazing time it is there's a

7
00:00:31,630 --> 00:00:29,480
whole transformation of the entire

8
00:00:34,270 --> 00:00:31,640
planet has happened because a bunch of

9
00:00:36,640 --> 00:00:34,280
people went and tick the box on a piece

10
00:00:38,200 --> 00:00:36,650
of paper I was advising people over the

11
00:00:39,700 --> 00:00:38,210
Internet to vote in the United States

12
00:00:42,670 --> 00:00:39,710
and eighth I think they took my advice

13
00:00:45,070 --> 00:00:42,680

took your advise it it's all yours but

14
00:00:46,840 --> 00:00:45,080
yeah thank you yes thank you yes I had a

15
00:00:49,689 --> 00:00:46,850
little from Obama thanking me personally

16
00:00:53,020 --> 00:00:49,699
was so nice oh nice that a you can feel

17
00:00:54,579 --> 00:00:53,030
the wave of joy I'm going across the

18
00:00:59,200 --> 00:00:54,589
world can't you as everyone's realizing

19
00:01:01,110 --> 00:00:59,210
that the tough at last oh that that dude

20
00:01:04,390 --> 00:01:01,120
whoever I dude what she's known for

21
00:01:06,670 --> 00:01:04,400
George yeah things I think you need you

22
00:01:09,160 --> 00:01:06,680
whoever yeah yeah yeah he's out of here

23
00:01:10,510 --> 00:01:09,170
so bad it's a good thing I think it's a

24
00:01:12,130 --> 00:01:10,520
great thing because there was always a

25
00:01:14,530 --> 00:01:12,140
worried that over the last eight years

26
00:01:17,440 --> 00:01:14,540
there was some sort of they call it the

27
00:01:19,899 --> 00:01:17,450
republican war on science yeah yeah yeah

28
00:01:22,060 --> 00:01:19,909
you're the anti science perspective I

29
00:01:23,500 --> 00:01:22,070
mean forget about the wars and all all

30
00:01:25,750 --> 00:01:23,510
the other stuff but the actual war on

31
00:01:29,890 --> 00:01:25,760
science has been been incredible a part

32
00:01:31,840 --> 00:01:29,900
of that war on science has been the good

33
00:01:34,480 --> 00:01:31,850
I'll good old buddies and pals and

34
00:01:36,310 --> 00:01:34,490
friends the creationists yes because

35
00:01:37,740 --> 00:01:36,320
they they they don't really like science

36
00:01:39,820 --> 00:01:37,750
because science kind of ends up

37
00:01:42,160 --> 00:01:39,830
disproving a lot of things that they

38
00:01:44,530 --> 00:01:42,170

like to hold ah like they can't have

39
00:01:46,720 --> 00:01:44,540
that so this issue of the the skeptic

40
00:01:48,940 --> 00:01:46,730
zones a special creationist issue we've

41
00:01:50,590 --> 00:01:48,950
got dr. Eugenie Scott from the National

42
00:01:52,540 --> 00:01:50,600
Center for Science Education now that's

43
00:01:54,700 --> 00:01:52,550
in Oakland and she's going to talk to us

44
00:01:57,520 --> 00:01:54,710
about interesting things like the movie

45
00:02:00,040 --> 00:01:57,530
expelled which is all about that one oh

46
00:02:01,810 --> 00:02:00,050
it's all about intelligent design oh why

47
00:02:03,820 --> 00:02:01,820
did you say she's from the creation side

48
00:02:06,790 --> 00:02:03,830
oh she's from the National often the

49
00:02:09,040 --> 00:02:06,800
actual so actual circuits right I see

50
00:02:11,080 --> 00:02:09,050
well it's gonna be interesting special

51
00:02:13,240 --> 00:02:11,090
to enjoy later because it's quite a

52
00:02:15,670 --> 00:02:13,250
quite a hot topic at the moment I'm in

53
00:02:17,259 --> 00:02:15,680
the internet is abuzz with all kinds of

54
00:02:19,420 --> 00:02:17,269
arguments and debates and you know

55
00:02:21,339 --> 00:02:19,430
people's tempers start a flaw it does

56
00:02:23,199 --> 00:02:21,349
then we've got an interview with dr.

57
00:02:25,340 --> 00:02:23,209
Paul Willis from the ABC here in

58
00:02:27,350 --> 00:02:25,350
Australia oh he's a paleontology

59
00:02:29,960 --> 00:02:27,360
yeah and he is going to talk about the

60
00:02:31,370 --> 00:02:29,970
time he debated the creationists oh yeah

61
00:02:32,720 --> 00:02:31,380
what's that because I mean it but he

62
00:02:34,730 --> 00:02:32,730
would have come to that agreement that

63
00:02:36,350 --> 00:02:34,740

all dinosaurs have just been placed

64
00:02:38,840 --> 00:02:36,360
there by God just to trick us into

65
00:02:41,060 --> 00:02:38,850
thinking that evolution existed just to

66
00:02:44,030 --> 00:02:41,070
test our faith your that's obvious as

67
00:02:46,040 --> 00:02:44,040
there's no it's pretty amazing isn't it

68
00:02:48,440 --> 00:02:46,050
I mean but I guess that the issue is

69
00:02:51,170 --> 00:02:48,450
either that the tricky thing is that we

70
00:02:53,240 --> 00:02:51,180
all don't know how the hell we really

71
00:02:55,250 --> 00:02:53,250
got here like what how the universe got

72
00:02:57,380 --> 00:02:55,260
here so it's understandable that if you

73
00:02:59,690 --> 00:02:57,390
if you if you're not willing to go into

74
00:03:02,720 --> 00:02:59,700
the absolute complexities and that

75
00:03:05,840 --> 00:03:02,730
almost mind-blowing mind-blowing pneus

76
00:03:08,090 --> 00:03:05,850
of science it's sort of an easy way out

77
00:03:09,590 --> 00:03:08,100
to just say well just this dude called

78
00:03:10,880 --> 00:03:09,600
God did it yeah that's easy isn't like

79
00:03:12,890 --> 00:03:10,890
what were we just say that in the future

80
00:03:16,730 --> 00:03:12,900
how you listening to this podcast well

81
00:03:19,040 --> 00:03:16,740
God did it no yeah I mean but it's

82
00:03:20,480 --> 00:03:19,050
tricky I mean yeah you look at reality

83
00:03:22,400 --> 00:03:20,490
and you just wonder what the hell

84
00:03:24,590 --> 00:03:22,410
happened how to get here I'm pretty

85
00:03:26,300 --> 00:03:24,600
unreal yeah it's pretty unreal bits but

86
00:03:28,640 --> 00:03:26,310
science is probably got the best chance

87
00:03:31,360 --> 00:03:28,650
of finding out how than anyone I think

88
00:03:33,890 --> 00:03:31,370

so and to round off the show we have a

89
00:03:35,690 --> 00:03:33,900
short interview with Tiffany day from

90
00:03:37,580 --> 00:03:35,700
Macquarie University who's going to tell

91
00:03:39,470 --> 00:03:37,590
us more about the Macquarie skeptics a

92
00:03:40,970 --> 00:03:39,480
very interesting new group oh yes they

93
00:03:42,620 --> 00:03:40,980
were great w/e were there the other day

94
00:03:44,330 --> 00:03:42,630
they were actually quite quite

95
00:03:46,970 --> 00:03:44,340
enthusiastic and quite a lot of fun it

96
00:03:49,100 --> 00:03:46,980
was a lot of fun a quick talk with sam

97
00:03:50,390 --> 00:03:49,110
whiteman who is a young scientist who

98
00:03:52,040 --> 00:03:50,400
won lots of awards being a young

99
00:03:54,410 --> 00:03:52,050
scientist we've got the old think tank

100
00:03:56,930 --> 00:03:54,420
of course and dr. Richie reports or

101
00:03:58,910 --> 00:03:56,940
Richard it's another fun-filled an

102
00:04:01,310 --> 00:03:58,920
action-packed episode of the skeptics

103
00:04:02,990 --> 00:04:01,320
are hardly contain myself Stefan so we'd

104
00:04:04,400 --> 00:04:03,000
better get straight into it or I let's

105
00:04:10,570 --> 00:04:04,410
get a rocker with the first segment

106
00:04:16,190 --> 00:04:13,040
hello from West Auckland here in

107
00:04:18,050 --> 00:04:16,200
California and I'm here with dr. Eugenie

108
00:04:20,210 --> 00:04:18,060
Scott and we're at the National Center

109
00:04:21,890 --> 00:04:20,220
for Science Education hello Jeanie hey

110
00:04:23,600 --> 00:04:21,900
there good to see you again thank you

111
00:04:26,210 --> 00:04:23,610
it's been it's been about four years

112
00:04:28,940 --> 00:04:26,220
since I was here last to visit you and

113
00:04:31,910 --> 00:04:28,950

Excel and I think that the time we were

114
00:04:34,250 --> 00:04:31,920
discussing your institution seems to

115
00:04:36,980 --> 00:04:34,260
take 12 steps forward and one step back

116
00:04:38,750 --> 00:04:36,990
or in your fight against creationist

117
00:04:42,350 --> 00:04:38,760
sometimes we have a couple steps to the

118
00:04:44,000 --> 00:04:42,360
side to the side yes now of course since

119
00:04:45,860 --> 00:04:44,010
I spoke to you last I guess one of the

120
00:04:47,870 --> 00:04:45,870
things that's caught the popular

121
00:04:51,590 --> 00:04:47,880
attention especially in the skeptical

122
00:04:53,720 --> 00:04:51,600
world would be the movie expelled yes

123
00:04:55,940 --> 00:04:53,730
and you were just showing me now on

124
00:04:58,490 --> 00:04:55,950
YouTube some of the videos you've put up

125
00:05:00,860 --> 00:04:58,500
and counter to that you know we really

126
00:05:03,890 --> 00:05:00,870
had to think very carefully about how we

127
00:05:05,600 --> 00:05:03,900
were going to address expelled no

128
00:05:09,020 --> 00:05:05,610
intelligence allowed that's the full

129
00:05:11,090 --> 00:05:09,030
name of the movie starring ben stein we

130
00:05:14,480 --> 00:05:11,100
knew about it several months before it

131
00:05:17,150 --> 00:05:14,490
was released we got a pretty good idea

132
00:05:19,040 --> 00:05:17,160
from various sources and leaks and so

133
00:05:21,650 --> 00:05:19,050
forth loose lips sink ships and you know

134
00:05:24,350 --> 00:05:21,660
we had a pretty good idea about what it

135
00:05:27,080 --> 00:05:24,360
was going to cover the thrust of the

136
00:05:29,840 --> 00:05:27,090
video and we knew that it was really

137
00:05:34,160 --> 00:05:29,850
going to be necessary to do something to

138
00:05:36,530 --> 00:05:34,170

to counter it it's a attack on science

139
00:05:39,200 --> 00:05:36,540
and its attack on evolution and in

140
00:05:42,050 --> 00:05:39,210
looking at the website and just the

141
00:05:43,610 --> 00:05:42,060
general marketing of this movie we

142
00:05:45,680 --> 00:05:43,620
figure that their marketing it to young

143
00:05:48,980 --> 00:05:45,690
people okay so where do young people go

144
00:05:51,980 --> 00:05:48,990
young people go to the Internet young

145
00:05:54,110 --> 00:05:51,990
people don't read offense in newspapers

146
00:05:57,680 --> 00:05:54,120
they go to youtube you know so we

147
00:06:00,940 --> 00:05:57,690
decided NCSE decided we needed to have a

148
00:06:04,130 --> 00:06:00,950
presence on youtube as well so we

149
00:06:08,690 --> 00:06:04,140
budgeted for and budgeted staff to

150
00:06:11,060 --> 00:06:08,700
produce for vioz now then we had to

151
00:06:13,700 --> 00:06:11,070
think about what exactly are we going to

152
00:06:15,050 --> 00:06:13,710
cover here because at the time that we

153
00:06:16,410 --> 00:06:15,060
had to make these which of course is in

154
00:06:19,110 --> 00:06:16,420
the fall of

155
00:06:21,260 --> 00:06:19,120
last year we didn't know whether

156
00:06:24,510 --> 00:06:21,270
expelled was going to be a huge success

157
00:06:25,980 --> 00:06:24,520
or whether it was going to be a flop so

158
00:06:29,250 --> 00:06:25,990
we didn't want to spend all this money

159
00:06:31,620 --> 00:06:29,260
and do all his work on a series of short

160
00:06:36,030 --> 00:06:31,630
youtube type videos that were going to

161
00:06:39,990 --> 00:06:36,040
be obsolete if you if expelled turned

162
00:06:42,450 --> 00:06:40,000
into a dead yeah so we decided to to

163
00:06:44,280 --> 00:06:42,460

talk about evolution and talk about the

164
00:06:46,050 --> 00:06:44,290
creation and evolution issue and talk

165
00:06:49,500 --> 00:06:46,060
about the things that we wanted to talk

166
00:06:54,570 --> 00:06:49,510
about but do them in a way that it would

167
00:06:56,640 --> 00:06:54,580
be relevant to diffusing expel Joey

168
00:06:59,130 --> 00:06:56,650
season so the kinds of themes that we

169
00:07:01,290 --> 00:06:59,140
talked about in our four short videos

170
00:07:02,880 --> 00:07:01,300
we're all themes that showed up and

171
00:07:05,250 --> 00:07:02,890
expel but they could also stand in the

172
00:07:07,530 --> 00:07:05,260
road right good idea yes so what we did

173
00:07:10,170 --> 00:07:07,540
is we came up with a website which we

174
00:07:11,430 --> 00:07:10,180
I'm sorry not a website we came up all

175
00:07:13,440 --> 00:07:11,440
right we did that's another thing I'll

176
00:07:16,860 --> 00:07:13,450
tell you about but we came up with a

177
00:07:20,790 --> 00:07:16,870
youtube home I guess you could call it

178
00:07:23,010 --> 00:07:20,800
called expelled exposed although at some

179
00:07:25,050 --> 00:07:23,020
point where we may change that name

180
00:07:27,060 --> 00:07:25,060
expelled did turn out to be a dud

181
00:07:29,310 --> 00:07:27,070
fortunately although it's probably going

182
00:07:31,320 --> 00:07:29,320
to have quite a quite a future and

183
00:07:34,620 --> 00:07:31,330
church basements and you know we'll be

184
00:07:37,110 --> 00:07:34,630
coping with it for years yeah but we

185
00:07:39,170 --> 00:07:37,120
also in addition to our YouTube videos

186
00:07:41,460 --> 00:07:39,180
so any of your listeners can go to

187
00:07:43,410 --> 00:07:41,470
youtube and just type in expelled

188
00:07:47,130 --> 00:07:43,420

exposed all one word and they'll get our

189
00:07:52,350 --> 00:07:47,140
videos but we also decided that we

190
00:07:54,630 --> 00:07:52,360
needed to have a detailed debunking if

191
00:07:56,310 --> 00:07:54,640
you will of the claims that are made in

192
00:07:58,340 --> 00:07:56,320
the movie you know the claims that there

193
00:08:00,840 --> 00:07:58,350
are this there are a number of

194
00:08:02,370 --> 00:08:00,850
scientists that have been discriminated

195
00:08:05,850 --> 00:08:02,380
against because of their support of

196
00:08:08,130 --> 00:08:05,860
intelligent design another nonsense so

197
00:08:11,420 --> 00:08:08,140
we did set up a separate website called

198
00:08:15,390 --> 00:08:11,430
expelled exposed calm all one word and

199
00:08:18,660 --> 00:08:15,400
at expelled exposed calm we do the good

200
00:08:21,810 --> 00:08:18,670
old wonky and CSE thing of having lots

201
00:08:23,790 --> 00:08:21,820
of information and lots of links and so

202
00:08:24,930 --> 00:08:23,800
it's your one-stop shopping if you want

203
00:08:26,730 --> 00:08:24,940
to know what's wrong with the movie

204
00:08:27,470 --> 00:08:26,740
expelled you can go to spelled exposed

205
00:08:30,380 --> 00:08:27,480
calm

206
00:08:32,540 --> 00:08:30,390
and I I've been very pleased with its

207
00:08:34,700 --> 00:08:32,550
reception that's gotten good reception

208
00:08:38,140 --> 00:08:34,710
right but the mayor's you say the movie

209
00:08:42,710 --> 00:08:38,150
itself wasn't done fortunately because

210
00:08:45,050 --> 00:08:42,720
the the mass media is so incredibly

211
00:08:47,330 --> 00:08:45,060
powerful especially compared to a little

212
00:08:49,430 --> 00:08:47,340
tiny nonprofit like us I mean we there's

213
00:08:53,540 --> 00:08:49,440

just no way we could have had the kind

214
00:08:56,450 --> 00:08:53,550
of exposure to the to the general public

215
00:08:59,480 --> 00:08:56,460
that the people who paid for expel did

216
00:09:01,370 --> 00:08:59,490
you mean they I should know this number

217
00:09:04,550 --> 00:09:01,380
exactly now except that I've sort of

218
00:09:07,220 --> 00:09:04,560
forgotten it but they released and

219
00:09:09,620 --> 00:09:07,230
something like what was it about 1400

220
00:09:11,270 --> 00:09:09,630
movie theaters nationwide died it's on

221
00:09:13,880 --> 00:09:11,280
expelled exposed to be want to look at

222
00:09:16,430 --> 00:09:13,890
it yeah and the way they promoted the

223
00:09:19,910 --> 00:09:16,440
movie was also a little bit frightening

224
00:09:22,130 --> 00:09:19,920
to us and it made us nervous the same

225
00:09:26,990 --> 00:09:22,140
company that promoted the Mel Gibson

226
00:09:29,600 --> 00:09:27,000
movie Passion of the Christ was used to

227
00:09:31,610 --> 00:09:29,610
promote expelled and they promoted it

228
00:09:34,580 --> 00:09:31,620
the same way this viral marketing where

229
00:09:36,620 --> 00:09:34,590
you have a whole series for months

230
00:09:39,440 --> 00:09:36,630
before the actual release of the movies

231
00:09:43,790 --> 00:09:39,450
you have a series of screenings of the

232
00:09:46,300 --> 00:09:43,800
movie in churches and other public

233
00:09:48,380 --> 00:09:46,310
places where where you invite

234
00:09:50,360 --> 00:09:48,390
religiously conservative generally

235
00:09:53,270 --> 00:09:50,370
conservative Christians to attend and

236
00:09:55,730 --> 00:09:53,280
see this movie for free with the goal of

237
00:09:57,020 --> 00:09:55,740
getting them all excited and revved up

238
00:09:59,210 --> 00:09:57,030

about this movie so that when it

239
00:10:01,790 --> 00:09:59,220
actually does come out in theaters they

240
00:10:04,160 --> 00:10:01,800
go to it they bring their friends you

241
00:10:06,620 --> 00:10:04,170
have a huge opening weekend and that

242
00:10:09,050 --> 00:10:06,630
gives the film legs to continue for

243
00:10:11,870 --> 00:10:09,060
several more weeks that's it worked

244
00:10:14,150 --> 00:10:11,880
beautifully for Passion of the Christ it

245
00:10:18,200 --> 00:10:14,160
worked for the first weekend for its

246
00:10:21,740 --> 00:10:18,210
belt and after the first weekend you can

247
00:10:24,460 --> 00:10:21,750
see the number of theaters the number of

248
00:10:27,920 --> 00:10:24,470
people going to expel the number of

249
00:10:29,750 --> 00:10:27,930
dollars that expel generates start a

250
00:10:31,760 --> 00:10:29,760
gradual decline yeah a fairly

251
00:10:34,310 --> 00:10:31,770
precipitous decline yeah and within six

252
00:10:36,920 --> 00:10:34,320
weeks it was out of the theaters and now

253
00:10:38,480 --> 00:10:36,930
we're eagerly awaiting the DVD release

254
00:10:41,710 --> 00:10:38,490
yeah that's going to be

255
00:10:46,040 --> 00:10:41,720
another headache for us and why we keep

256
00:10:47,480 --> 00:10:46,050
expelled exposed a comma and why are we

257
00:10:50,329 --> 00:10:47,490
hope that people will continue looking

258
00:10:54,560 --> 00:10:50,339
at our videos and YouTube because plan

259
00:10:57,199 --> 00:10:54,570
now is to get these DVDs into public

260
00:10:59,360 --> 00:10:57,209
schools and teachers are going to be

261
00:11:01,370 --> 00:10:59,370
encouraged to bring this information to

262
00:11:06,470 --> 00:11:01,380
the students and of course it's highly

263
00:11:08,540 --> 00:11:06,480

impractical it's a the movie is I forget

264
00:11:11,900 --> 00:11:08,550
exactly how long it is but it's like 90

265
00:11:13,600 --> 00:11:11,910
minutes or something I mean you can't

266
00:11:15,680 --> 00:11:13,610
show the whole thing in a classroom

267
00:11:17,540 --> 00:11:15,690
you're gonna have to just show bits and

268
00:11:19,519 --> 00:11:17,550
pieces but even so it's it's completely

269
00:11:22,250 --> 00:11:19,529
inappropriate yeah for a public school

270
00:11:25,280 --> 00:11:22,260
classroom I would say if I had to choose

271
00:11:28,340 --> 00:11:25,290
one bright point of light as it were in

272
00:11:31,670 --> 00:11:28,350
the last five years it's the kitzmiller

273
00:11:35,780 --> 00:11:31,680
versus Dover trial very famous yes yes

274
00:11:38,180 --> 00:11:35,790
we we were involved in that from the

275
00:11:39,800 --> 00:11:38,190
get-go because we were invited viding

276
00:11:43,720 --> 00:11:39,810
some of the parents in the community I

277
00:11:50,240 --> 00:11:43,730
had worked previously years ago with the

278
00:11:53,690 --> 00:11:50,250
NCSE had worked with the ACLU personnel

279
00:11:56,150 --> 00:11:53,700
in Pennsylvania so when the citizens

280
00:11:59,360 --> 00:11:56,160
decided to sue they call the ACLU the

281
00:12:05,180 --> 00:11:59,370
ACLU called us we put together a legal

282
00:12:10,280 --> 00:12:05,190
team we advised on we advise the legal

283
00:12:12,530 --> 00:12:10,290
team as to recommendations for expert

284
00:12:13,970 --> 00:12:12,540
witnesses they took our recommendations

285
00:12:16,460 --> 00:12:13,980
and we're very happy with the expert

286
00:12:20,230 --> 00:12:16,470
witnesses we also help to prepare the

287
00:12:22,610 --> 00:12:20,240
lawyers as to the positions of the

288
00:12:24,860 --> 00:12:22,620

witnesses on the other side and of

289
00:12:26,329 --> 00:12:24,870
course just to sort of educate them give

290
00:12:28,970 --> 00:12:26,339
them the background materials that they

291
00:12:30,889 --> 00:12:28,980
needed for understanding intelligent

292
00:12:32,569 --> 00:12:30,899
design understanding the history of this

293
00:12:33,730 --> 00:12:32,579
moment and it turned out that the

294
00:12:37,930 --> 00:12:33,740
history of the movement

295
00:12:41,020 --> 00:12:37,940
is critical in helping to convince the

296
00:12:43,120 --> 00:12:41,030
judge that this intelligent design was

297
00:12:45,880 --> 00:12:43,130
really just a retooled form of creation

298
00:12:48,130 --> 00:12:45,890
since good and since the courts had

299
00:12:50,680 --> 00:12:48,140
already judged that creation science was

300
00:12:52,630 --> 00:12:50,690
a constitutional to teach once we have

301
00:12:57,220 --> 00:12:52,640
linked intelligent design with creation

302
00:12:58,960 --> 00:12:57,230
science we want yeah yeah the Nuggets

303
00:13:02,460 --> 00:12:58,970
event is a famous case and I've heard

304
00:13:05,470 --> 00:13:02,470
you on other skeptical podcasts

305
00:13:08,200 --> 00:13:05,480
discussing this case at length and the

306
00:13:10,000 --> 00:13:08,210
the judgment apparently makes for very

307
00:13:12,370 --> 00:13:10,010
good reading and that's day as indeed

308
00:13:15,280 --> 00:13:12,380
that can be downloaded yes I did yeah on

309
00:13:19,600 --> 00:13:15,290
our website we have in fact on our

310
00:13:22,530 --> 00:13:19,610
website a section on evolution education

311
00:13:27,250 --> 00:13:22,540
and the law and we have not only the

312
00:13:29,770 --> 00:13:27,260
full decision of kids mother versus

313
00:13:31,990 --> 00:13:29,780

Dover but all of the court transcripts

314
00:13:35,440 --> 00:13:32,000
mmm all of the witness statements from

315
00:13:38,860 --> 00:13:35,450
both sides all of the filings on both

316
00:13:42,340 --> 00:13:38,870
sides we have the most complete origin

317
00:13:46,650 --> 00:13:42,350
could ever possibly spend time we were

318
00:13:49,870 --> 00:13:46,660
you present at the deck I attended the

319
00:13:52,960 --> 00:13:49,880
actual trial as many days as I could run

320
00:13:54,820 --> 00:13:52,970
but you know Judge Jones just didn't

321
00:13:58,600 --> 00:13:54,830
consult my speaking schedule before he

322
00:14:00,700 --> 00:13:58,610
said the Tahoe so I but it must have

323
00:14:03,820 --> 00:14:00,710
been very exciting to be there it was

324
00:14:09,640 --> 00:14:03,830
fabulous yeah yeah it was very exciting

325
00:14:14,020 --> 00:14:09,650
and I also went back in December when

326
00:14:18,850 --> 00:14:14,030
the decision was announced and was there

327
00:14:20,410 --> 00:14:18,860
with the lawyers when the federal

328
00:14:22,600 --> 00:14:20,420
district court in the Middle District of

329
00:14:25,360 --> 00:14:22,610
Pennsylvania posted the decision on a

330
00:14:27,820 --> 00:14:25,370
website and we were in the law offices

331
00:14:30,840 --> 00:14:27,830
and refreshing our screens are you know

332
00:14:34,960 --> 00:14:30,850
not 25 seconds or so anticipating this

333
00:14:37,660 --> 00:14:34,970
and we grabbed it we read it and it was

334
00:14:39,940 --> 00:14:37,670
just pandemonium or is it really oh wow

335
00:14:44,110 --> 00:14:39,950
it was great people course the lawyers

336
00:14:48,790 --> 00:14:46,060
was the page that they wanted room I of

337
00:14:53,380 --> 00:14:48,800
course started really we want yeah and

338
00:14:57,490 --> 00:14:53,390

and we won we didn't just win but we won

339
00:15:00,010 --> 00:14:57,500
big yeah yeah it could have been decided

340
00:15:02,680 --> 00:15:00,020
it could have been decided very narrowly

341
00:15:04,720 --> 00:15:02,690
could have been decided that intelligent

342
00:15:07,660 --> 00:15:04,730
design that the policy that the Dover

343
00:15:10,480 --> 00:15:07,670
school district had on teaching

344
00:15:12,190 --> 00:15:10,490
intelligent design was unconstitutional

345
00:15:14,470 --> 00:15:12,200
because the purpose of the school board

346
00:15:17,440 --> 00:15:14,480
members in proposing isn't pushing it

347
00:15:18,910 --> 00:15:17,450
through really ramrodding a true was to

348
00:15:21,760 --> 00:15:18,920
promote religion it could have been

349
00:15:24,880 --> 00:15:21,770
decided on that very narrow ground but

350
00:15:27,550 --> 00:15:24,890
actually both sides had asked the judge

351
00:15:29,800 --> 00:15:27,560
to make a ruling on whether intelligent

352
00:15:32,710 --> 00:15:29,810
design was or was not science well and

353
00:15:34,300 --> 00:15:32,720
even though the cautious thing for the

354
00:15:36,430 --> 00:15:34,310
judge would have been just to have taken

355
00:15:42,250 --> 00:15:36,440
the one point that would have been

356
00:15:44,920 --> 00:15:42,260
sufficient to to disallow the policy as

357
00:15:47,290 --> 00:15:44,930
he wrote in the decision he spent all

358
00:15:50,140 --> 00:15:47,300
this time looking at this huge record

359
00:15:53,260 --> 00:15:50,150
having all of this expert testimony on

360
00:15:54,910 --> 00:15:53,270
science and I forget exactly the

361
00:15:57,310 --> 00:15:54,920
phrasing that the judge used in the

362
00:16:00,699 --> 00:15:57,320
decision but something like I would like

363
00:16:02,920 --> 00:16:00,709

to to prevent this kind of waste of time

364
00:16:04,900 --> 00:16:02,930
and resources been some other judge so

365
00:16:06,970 --> 00:16:04,910
you know basically he did what both

366
00:16:08,890 --> 00:16:06,980
sides asked him to do and did rule on

367
00:16:10,990 --> 00:16:08,900
whether or not intelligent design

368
00:16:12,760 --> 00:16:11,000
besides do you think the other side was

369
00:16:15,640 --> 00:16:12,770
surprised so they could see this coming

370
00:16:19,690 --> 00:16:15,650
I think it was probably quite clear to

371
00:16:21,850 --> 00:16:19,700
the other side that we had put on a much

372
00:16:27,030 --> 00:16:21,860
much better show but you know the

373
00:16:34,000 --> 00:16:30,460
really conducted the case with

374
00:16:36,090 --> 00:16:34,010
excruciating fairness both sides felt

375
00:16:38,829 --> 00:16:36,100
that they had had a chance to present

376
00:16:41,170 --> 00:16:38,839
anything they wanted to present I mean

377
00:16:44,560 --> 00:16:41,180
if you if you read the transcripts

378
00:16:48,010 --> 00:16:44,570
you'll see things like the judge saying

379
00:16:50,140 --> 00:16:48,020
you know one side would eject say and

380
00:16:52,600 --> 00:16:50,150
the judge would say what's the objection

381
00:16:54,130 --> 00:16:52,610
and one side would say why they think

382
00:16:55,330 --> 00:16:54,140
the testimony should have been stopped

383
00:16:57,610 --> 00:16:55,340
at that point

384
00:16:59,680 --> 00:16:57,620
in most cases the judge would say

385
00:17:01,480 --> 00:16:59,690
something like well you know i'll go

386
00:17:04,510 --> 00:17:01,490
ahead and hear it anyway since it's a

387
00:17:06,940 --> 00:17:04,520
bench trial the idea being that since he

388
00:17:10,380 --> 00:17:06,950

was a judge rather than a jury if it

389
00:17:14,560 --> 00:17:10,390
turned out that the way that the

390
00:17:16,720 --> 00:17:14,570
objective ol Train of testimony was

391
00:17:18,400 --> 00:17:16,730
going did turn out to be something that

392
00:17:20,590 --> 00:17:18,410
was irrelevant or objectionable in some

393
00:17:21,700 --> 00:17:20,600
way then he would just disallow it in

394
00:17:23,230 --> 00:17:21,710
his mind and he could do that because

395
00:17:26,220 --> 00:17:23,240
he's a judge and he's used to doing that

396
00:17:29,140 --> 00:17:26,230
wrong a jury you'd be more cautious and

397
00:17:31,570 --> 00:17:29,150
although he did uphold some objections

398
00:17:34,630 --> 00:17:31,580
clearly but by and large his whole

399
00:17:36,700 --> 00:17:34,640
attitude was you know give me as much

400
00:17:40,000 --> 00:17:36,710
information as you possibly can because

401
00:17:43,360 --> 00:17:40,010
I want to hear the full presentation of

402
00:17:45,580 --> 00:17:43,370
both sides views and and both of both

403
00:17:47,140 --> 00:17:45,590
sides the lawyers from both sides have

404
00:17:49,300 --> 00:17:47,150
complimented him on that and this is

405
00:17:50,800 --> 00:17:49,310
after the decision I mean they did heal

406
00:17:54,580 --> 00:17:50,810
that they got it that's good it's very

407
00:17:59,640 --> 00:17:54,590
good and the judge was not somebody who

408
00:18:02,970 --> 00:17:59,650
on paper you would think is going to

409
00:18:07,810 --> 00:18:02,980
jump over there next to the ACLU right

410
00:18:10,600 --> 00:18:07,820
the judge was a Republican he had been

411
00:18:13,420 --> 00:18:10,610
nominated for the federal district judge

412
00:18:15,190 --> 00:18:13,430
ship position by a very very

413
00:18:18,340 --> 00:18:15,200

conservative Pennsylvania senator

414
00:18:20,890 --> 00:18:18,350
senator Santorum he had been appointed

415
00:18:25,120 --> 00:18:20,900
by George Bush the new president the

416
00:18:27,130 --> 00:18:25,130
current he was a churchgoer he was

417
00:18:30,780 --> 00:18:27,140
viewed as a conservative Republican I

418
00:18:33,340 --> 00:18:30,790
mean there's you know he's in fact the

419
00:18:35,440 --> 00:18:33,350
intelligent design blogs were crowing

420
00:18:37,690 --> 00:18:35,450
before the trial about it oh this guy's

421
00:18:40,150 --> 00:18:37,700
in our pocket huh or I'll bet they're

422
00:18:43,870 --> 00:18:40,160
really worried about him and yeah we

423
00:18:45,700 --> 00:18:43,880
really didn't know he turned out to be

424
00:18:48,700 --> 00:18:45,710
though a very broad minded and

425
00:18:52,090 --> 00:18:48,710
independent minded judge and actually a

426
00:18:55,780 --> 00:18:52,100
quite courageous judge I mean I assume

427
00:18:58,090 --> 00:18:55,790
that he has some political ambitions I

428
00:18:59,830 --> 00:18:58,100
mean most district court judges would

429
00:19:02,620 --> 00:18:59,840
love to be appointed to the appeals

430
00:19:05,050 --> 00:19:02,630
court which is the next layer the next

431
00:19:06,159 --> 00:19:05,060
level I don't know I mean I've never

432
00:19:07,899 --> 00:19:06,169
asked him he's never

433
00:19:09,999 --> 00:19:07,909
engine did but it wouldn't be surprising

434
00:19:12,450 --> 00:19:10,009
he ran for office in Pennsylvania

435
00:19:17,320 --> 00:19:12,460
clearly has some political aspirations

436
00:19:20,590 --> 00:19:17,330
and frankly coming up with this decision

437
00:19:23,710 --> 00:19:20,600
is a pretty unpopular thing to do in a

438
00:19:26,109 --> 00:19:23,720

Republican administration he did not

439
00:19:27,549 --> 00:19:26,119
take the easy way out now the easy way

440
00:19:29,710 --> 00:19:27,559
out would have been to have done that

441
00:19:31,659 --> 00:19:29,720
very very narrow decision just on the

442
00:19:35,259 --> 00:19:31,669
basis of the reality of the school board

443
00:19:37,210 --> 00:19:35,269
member yeah but he did he issued his

444
00:19:39,460 --> 00:19:37,220
broad decision and he went over the

445
00:19:42,519 --> 00:19:39,470
evidence for why intelligent design is

446
00:19:45,099 --> 00:19:42,529
not science and the reason why that's

447
00:19:47,430 --> 00:19:45,109
important by the way to both sides is

448
00:19:53,460 --> 00:19:47,440
the way the American legal system works

449
00:20:00,549 --> 00:19:53,470
sayang church and state separation if a

450
00:20:05,529 --> 00:20:00,559
law or regulation like Dover's has a

451
00:20:07,539 --> 00:20:05,539
secular purpose it's it's it's okay to

452
00:20:10,389 --> 00:20:07,549
do it even if it has maybe maybe a

453
00:20:11,710 --> 00:20:10,399
slight religious implication or

454
00:20:14,109 --> 00:20:11,720
something if that's kind of just

455
00:20:15,999 --> 00:20:14,119
secondary you know I mean if you're you

456
00:20:19,149 --> 00:20:16,009
know if you're if you're feeding the

457
00:20:21,820 --> 00:20:19,159
hungry right and this is something that

458
00:20:23,200 --> 00:20:21,830
Jesus said to do nonetheless feeding the

459
00:20:25,090 --> 00:20:23,210
hungry is still a good thing to do for

460
00:20:26,499 --> 00:20:25,100
society so there is a good secular

461
00:20:28,299 --> 00:20:26,509
reason to feed the hungry you're not

462
00:20:31,779 --> 00:20:28,309
necessarily doing it just for you to

463
00:20:33,609 --> 00:20:31,789

promoting religious anyway Wow so the

464
00:20:36,519 --> 00:20:33,619
whole argument of the intelligent design

465
00:20:39,039 --> 00:20:36,529
people was that intelligent design is a

466
00:20:41,889 --> 00:20:39,049
new science students should be exposed

467
00:20:44,289 --> 00:20:41,899
to this wonderful new science and it

468
00:20:50,320 --> 00:20:44,299
especially would be good pedagogically

469
00:20:52,330 --> 00:20:50,330
for students to weigh intelligent design

470
00:20:54,729 --> 00:20:52,340
against evolution and as a critical

471
00:20:58,450 --> 00:20:54,739
thinking kind of exercise you know them

472
00:21:00,249 --> 00:20:58,460
struggle together and so forth if that

473
00:21:02,440 --> 00:21:00,259
were the case then there would be a

474
00:21:04,749 --> 00:21:02,450
secular reason to teach intelligent

475
00:21:08,169 --> 00:21:04,759
design and the bull at the Dover policy

476
00:21:10,239 --> 00:21:08,179
might might have stood but our side of

477
00:21:12,639 --> 00:21:10,249
the argument was that that was rubbish

478
00:21:15,520 --> 00:21:12,649
that intelligent design was just thinly

479
00:21:17,740 --> 00:21:15,530
disguised creationists yeah

480
00:21:20,560 --> 00:21:17,750
and there was really no secular reason

481
00:21:23,260 --> 00:21:20,570
there's no good pedagogical reason to

482
00:21:26,830 --> 00:21:23,270
teach kids bad science and so the the

483
00:21:29,380 --> 00:21:26,840
argument for good pedagogy or certainly

484
00:21:31,960 --> 00:21:29,390
failed and the argument that intelligent

485
00:21:33,910 --> 00:21:31,970
design was valid science fails well but

486
00:21:36,010 --> 00:21:33,920
the other the other side must have gone

487
00:21:37,930 --> 00:21:36,020
into this thinking they have a good shot

488
00:21:41,290 --> 00:21:37,940

at winning they did I mean do you think

489
00:21:43,330 --> 00:21:41,300
that that would I deal with a lot of

490
00:21:48,910 --> 00:21:43,340
time of people who claim to have psychic

491
00:21:50,980 --> 00:21:48,920
power and I'm often in in the position

492
00:21:54,940 --> 00:21:50,990
of thinking in my own mind now are these

493
00:21:56,860 --> 00:21:54,950
people sincerely deluded or or do they

494
00:21:59,260 --> 00:21:56,870
know they don't have any psychic power

495
00:22:02,620 --> 00:21:59,270
and they're just conning people people

496
00:22:05,800 --> 00:22:02,630
going into this trial brought about this

497
00:22:07,570 --> 00:22:05,810
trial I'm would guessing would probably

498
00:22:10,930 --> 00:22:07,580
be in the kappa day sincerely believe

499
00:22:14,020 --> 00:22:10,940
it's absolutely real thing that that

500
00:22:16,210 --> 00:22:14,030
certainly is my impression yeah I'm sure

501
00:22:18,520 --> 00:22:16,220
that Michael Behe and Scott men

502
00:22:21,400 --> 00:22:18,530
according to expert witnesses and the

503
00:22:23,920 --> 00:22:21,410
science side of things I am sure that

504
00:22:28,920 --> 00:22:23,930
they firmly believe that intelligent

505
00:22:31,180 --> 00:22:28,930
design is a new scientific approach yeah

506
00:22:35,560 --> 00:22:31,190
basically they had to do two things on

507
00:22:38,440 --> 00:22:35,570
their side they had to make the argument

508
00:22:41,830 --> 00:22:38,450
that intelligent design was good science

509
00:22:45,370 --> 00:22:41,840
was a valid science was really science

510
00:22:47,650 --> 00:22:45,380
and you know it was was a good way of

511
00:22:53,140 --> 00:22:47,660
understanding nature and secondly this

512
00:22:55,330 --> 00:22:53,150
pedagogical argument that it's a good

513
00:22:57,190 --> 00:22:55,340

thing to teach to give students these

514
00:23:00,750 --> 00:22:57,200
alternate views and let them wrestle

515
00:23:03,370 --> 00:23:00,760
with it in a critical thinking exercise

516
00:23:04,870 --> 00:23:03,380
what the other side had to do when kids

517
00:23:06,760 --> 00:23:04,880
mother versus Dover is show that

518
00:23:10,150 --> 00:23:06,770
intelligent design was good science

519
00:23:14,470 --> 00:23:10,160
valid science and secondly to show that

520
00:23:17,980 --> 00:23:14,480
evolution was really weak science just a

521
00:23:20,140 --> 00:23:17,990
theory just a theory well in fact the

522
00:23:22,990 --> 00:23:20,150
fairy not fact also came into the

523
00:23:25,570 --> 00:23:23,000
apology and the Dover teachers were

524
00:23:27,340 --> 00:23:25,580
fighting against but they they were

525
00:23:28,450 --> 00:23:27,350
going to attack evolution and they were

526
00:23:32,020 --> 00:23:28,460
going to

527
00:23:34,330 --> 00:23:32,030
hold up intelligent design as as a valid

528
00:23:37,420 --> 00:23:34,340
science and of course our job was to

529
00:23:39,250 --> 00:23:37,430
knock both of those off so we did have

530
00:23:42,550 --> 00:23:39,260
to spend some time showing that

531
00:23:44,830 --> 00:23:42,560
evolution was valid science that it was

532
00:23:46,660 --> 00:23:44,840
accepted by the vast majority of the

533
00:23:49,240 --> 00:23:46,670
scientific community and actually that

534
00:23:52,300 --> 00:23:49,250
doesn't take very long but we also had

535
00:23:55,420 --> 00:23:52,310
to attack intelligent design showing

536
00:23:58,030 --> 00:23:55,430
number one that it was not science

537
00:23:59,860 --> 00:23:58,040
because it didn't follow the kind of

538
00:24:01,780 --> 00:23:59,870

basic ground rules of science which is

539
00:24:05,350 --> 00:24:01,790
you have to restrict yourself to natural

540
00:24:07,540 --> 00:24:05,360
causes yeah and secondly that you know

541
00:24:09,670 --> 00:24:07,550
even even if you argued about the

542
00:24:11,620 --> 00:24:09,680
demarcation of science and on science

543
00:24:14,550 --> 00:24:11,630
and I know it's philosophers of science

544
00:24:17,320 --> 00:24:14,560
ruler out of that but even if you

545
00:24:21,640 --> 00:24:17,330
accepted intelligent design as some kind

546
00:24:24,130 --> 00:24:21,650
of science its claims were wrong I mean

547
00:24:25,720 --> 00:24:24,140
the things that says about irreducible

548
00:24:27,820 --> 00:24:25,730
complex to you or the bacterial

549
00:24:29,500 --> 00:24:27,830
flagellum the blood clotting system or

550
00:24:32,290 --> 00:24:29,510
any of these other examples the things

551
00:24:36,160 --> 00:24:32,300
that it says about nature are just wrong

552
00:24:39,970 --> 00:24:36,170
so what possible pedagogical value would

553
00:24:45,100 --> 00:24:39,980
there be to teaching kids a science that

554
00:24:49,150 --> 00:24:45,110
was wrong number one and number two was

555
00:24:53,500 --> 00:24:49,160
arguably not science at all mmm so the

556
00:24:56,230 --> 00:24:53,510
policy failed on both points and I it

557
00:24:59,230 --> 00:24:56,240
was a wonderful experience to it and a

558
00:25:02,230 --> 00:24:59,240
real it was really exhausting i just

559
00:25:03,580 --> 00:25:02,240
didn't want the staff work so hard i

560
00:25:05,290 --> 00:25:03,590
better what do you happen to know

561
00:25:08,530 --> 00:25:05,300
whether there are audio recordings of

562
00:25:11,290 --> 00:25:08,540
the trial nope hmm only transcripts so

563
00:25:13,420 --> 00:25:11,300

well I think it's good a lot laughs so

564
00:25:16,320 --> 00:25:13,430
you can get out you can yeah you can see

565
00:25:18,490 --> 00:25:16,330
you actually there would have been I

566
00:25:20,440 --> 00:25:18,500
mean I don't know I don't know if that's

567
00:25:22,030 --> 00:25:20,450
normally not I don't know I know it did

568
00:25:24,610 --> 00:25:22,040
toys transcripts in the trial of course

569
00:25:27,870 --> 00:25:24,620
I don't think that there is a recording

570
00:25:30,820 --> 00:25:27,880
I think I think you only have the

571
00:25:33,769 --> 00:25:30,830
transfer hmm hmm that's interesting well

572
00:25:38,119 --> 00:25:33,779
what man what's what's next Willy

573
00:25:40,580 --> 00:25:38,129
national cinema well this fall we

574
00:25:43,310 --> 00:25:40,590
anticipate when some of the state

575
00:25:48,289 --> 00:25:43,320
legislators come back into session that

576
00:25:51,259 --> 00:25:48,299
there is going to be a flurry of bills

577
00:25:56,690 --> 00:25:51,269
proposed variously around the country to

578
00:26:00,619 --> 00:25:56,700
promote a type of law called an academic

579
00:26:04,119 --> 00:26:00,629
freedom act there's a boilerplate for

580
00:26:06,529 --> 00:26:04,129
this that's been being pushed by the

581
00:26:10,430 --> 00:26:06,539
Discovery Institute up in Seattle the

582
00:26:13,729 --> 00:26:10,440
intelligent design think tank and this

583
00:26:16,339 --> 00:26:13,739
these are very clever approaches the

584
00:26:19,009 --> 00:26:16,349
academic freedom act is basically

585
00:26:21,859 --> 00:26:19,019
permissive rather than requiring the

586
00:26:24,829 --> 00:26:21,869
teaching of X Y or Z yeah which means

587
00:26:28,909 --> 00:26:24,839
that it's a little harder to go after

588
00:26:30,919 --> 00:26:28,919

legally you kind of for most of these

589
00:26:34,489 --> 00:26:30,929
bills you kind of have to wait until it

590
00:26:35,989 --> 00:26:34,499
actually plays out in a classroom you

591
00:26:40,129 --> 00:26:35,999
have to wait until the teacher actually

592
00:26:43,669 --> 00:26:40,139
teaches the bad stuff and then you know

593
00:26:46,159 --> 00:26:43,679
find out about it see if you can get

594
00:26:50,570 --> 00:26:46,169
somebody with standing within that class

595
00:26:53,450 --> 00:26:50,580
to sue it's much much much harder to do

596
00:26:56,239 --> 00:26:53,460
what the lawyers call an as-applied case

597
00:26:58,909 --> 00:26:56,249
as opposed to making a facial challenge

598
00:27:01,700 --> 00:26:58,919
challenge on the face of the bill which

599
00:27:04,190 --> 00:27:01,710
is what we didn't over the Dover policy

600
00:27:05,989 --> 00:27:04,200
on its face was unconstitutional we made

601
00:27:07,579 --> 00:27:05,999
a facial challenge it would have been

602
00:27:10,190 --> 00:27:07,589
much much more difficult if we had to

603
00:27:12,680 --> 00:27:10,200
have waited until a teacher applied that

604
00:27:14,659 --> 00:27:12,690
the policy in the classroom and that's

605
00:27:17,659 --> 00:27:14,669
what these academic freedom acts are

606
00:27:19,669 --> 00:27:17,669
going to devolve to us mmm so it's a

607
00:27:24,259 --> 00:27:19,679
much trickier legal strategy for them

608
00:27:30,349 --> 00:27:24,269
and then basically what these AFA bills

609
00:27:34,190 --> 00:27:30,359
are doing is allowing or encouraging

610
00:27:36,079 --> 00:27:34,200
teachers to not bring in intelligent

611
00:27:40,279 --> 00:27:36,089
design or not bring in traditional

612
00:27:41,840 --> 00:27:40,289
creationism but to bring in the evidence

613
00:27:45,919 --> 00:27:41,850

against evolution if you

614
00:27:48,620 --> 00:27:45,929
to teach evolution but do a critical

615
00:27:50,630 --> 00:27:48,630
analysis of a year which sounds good

616
00:27:52,789 --> 00:27:50,640
which sounds great around unless you

617
00:27:54,799 --> 00:27:52,799
actually see what they mean by a

618
00:27:57,289 --> 00:27:54,809
critical analysis of evolution because

619
00:27:59,900 --> 00:27:57,299
they don't mean critical analysis in the

620
00:28:01,610 --> 00:27:59,910
sense that most of us especially those

621
00:28:03,980 --> 00:28:01,620
those of us from the sciences would use

622
00:28:06,169 --> 00:28:03,990
it to them a critical analysis of

623
00:28:09,250 --> 00:28:06,179
evolution is criticized evidence Raj

624
00:28:11,930 --> 00:28:09,260
it's an attack on evolution yes yes

625
00:28:13,880 --> 00:28:11,940
similarly with strengths and weaknesses

626
00:28:16,220 --> 00:28:13,890
of evolution that's another phrase that

627
00:28:19,310 --> 00:28:16,230
you hear in this context and if you

628
00:28:21,200 --> 00:28:19,320
actually ask for proponents well what

629
00:28:23,750 --> 00:28:21,210
exactly do you want us to teach because

630
00:28:26,840 --> 00:28:23,760
I go to science magazine or I go to

631
00:28:28,850 --> 00:28:26,850
nature I go to bio science I go to any

632
00:28:30,320 --> 00:28:28,860
of the other science journals and I see

633
00:28:32,360 --> 00:28:30,330
lots of evolution I don't see any

634
00:28:34,370 --> 00:28:32,370
weaknesses of evolution and what exactly

635
00:28:37,310 --> 00:28:34,380
is a teacher is supposed to teach in a

636
00:28:38,870 --> 00:28:37,320
classroom and what you'll find is that

637
00:28:42,289 --> 00:28:38,880
they're recommending things like

638
00:28:44,210 --> 00:28:42,299

Jonathan Wells icons of evolution or a

639
00:28:46,970 --> 00:28:44,220
brand new book that the Discovery

640
00:28:51,919 --> 00:28:46,980
Institute came out with last year early

641
00:28:54,740 --> 00:28:51,929
this year called explore evolution which

642
00:28:56,930 --> 00:28:54,750
is intended to be a supplement to a

643
00:28:59,210 --> 00:28:56,940
regular high school biology textbook

644
00:29:00,320 --> 00:28:59,220
which actually has very little evolution

645
00:29:02,539 --> 00:29:00,330
and that most of them are pretty

646
00:29:04,100 --> 00:29:02,549
worthless frankly and then you have this

647
00:29:06,260 --> 00:29:04,110
whole book telling students why

648
00:29:09,230 --> 00:29:06,270
evolution is a lot of nonsense how

649
00:29:11,630 --> 00:29:09,240
evolution really is terribly bad sex but

650
00:29:13,850 --> 00:29:11,640
so these bills encourage the use of

651
00:29:17,720 --> 00:29:13,860
those kinds of instruction as these

652
00:29:19,490 --> 00:29:17,730
books will will criticize evolution but

653
00:29:21,409 --> 00:29:19,500
they don't know proposing alternative

654
00:29:24,860 --> 00:29:21,419
they just how you evilution yes network

655
00:29:27,860 --> 00:29:24,870
doesn't work mmm because of course they

656
00:29:30,560 --> 00:29:27,870
know that students tend to think

657
00:29:33,260 --> 00:29:30,570
dichotomously hmm either creation oh

658
00:29:35,630 --> 00:29:33,270
yeah yeah so if you disprove that prove

659
00:29:38,600 --> 00:29:35,640
evolution for creationism is the only

660
00:29:40,669 --> 00:29:38,610
guy left saying yeah so you disprove

661
00:29:43,250 --> 00:29:40,679
evolution as a way to prove creation

662
00:29:45,799 --> 00:29:43,260
well and because the courts have said

663
00:29:47,360 --> 00:29:45,809

you cannot teach creationism in the

664
00:29:49,210 --> 00:29:47,370
public schools because that's an

665
00:29:51,640 --> 00:29:49,220
establishment of religion argument

666
00:29:53,560 --> 00:29:51,650
they don't bother mentioning the c-word

667
00:29:56,409 --> 00:29:53,570
at all they just attack evolution it's

668
00:29:59,049 --> 00:29:56,419
it makes for a a much more difficult

669
00:30:00,640 --> 00:29:59,059
legal strategy for us to cope with well

670
00:30:02,440 --> 00:30:00,650
I don't envy you but I'm glad you're out

671
00:30:10,660 --> 00:30:02,450
there doing it well thank you so much

672
00:30:16,340 --> 00:30:13,750
dr. Paul Willis is a paleontologist

673
00:30:18,380 --> 00:30:16,350
television science presenter here in

674
00:30:20,900 --> 00:30:18,390
Australia and a longtime friend of the

675
00:30:23,270 --> 00:30:20,910
skeptics we caught up with Paul earlier

676
00:30:25,580 --> 00:30:23,280
in the year during a skeptics meeting in

677
00:30:30,550 --> 00:30:25,590
the country town of Wagga Wagga here

678
00:30:33,050 --> 00:30:30,560
Paul talks to zone reporter Jason cook

679
00:30:34,670 --> 00:30:33,060
hi we're here with dr. Paul with us at

680
00:30:38,240 --> 00:30:34,680
the Australian skeptics convention at

681
00:30:41,210 --> 00:30:38,250
wagah Paul is a paleontologist and

682
00:30:43,970 --> 00:30:41,220
science reporter Oh first up how did you

683
00:30:46,100 --> 00:30:43,980
begin working in science journalism and

684
00:30:48,110 --> 00:30:46,110
I got to the end of a PhD in

685
00:30:49,850 --> 00:30:48,120
paleontology and it came as a complete

686
00:30:51,380 --> 00:30:49,860
shock to me after nine years of study

687
00:30:52,490 --> 00:30:51,390
that no one actually wants to employ

688
00:30:56,480 --> 00:30:52,500

someone just because they know a lot

689
00:30:58,430 --> 00:30:56,490
about dead crocodiles and i bummed

690
00:31:01,010 --> 00:30:58,440
around for a couple of years doing

691
00:31:02,600 --> 00:31:01,020
freelance writing here and there not

692
00:31:06,290 --> 00:31:02,610
really making much of a go of it and

693
00:31:08,750 --> 00:31:06,300
then there was some adverts in New

694
00:31:13,180 --> 00:31:08,760
Scientist magazine for three positions

695
00:31:17,540 --> 00:31:13,190
at the ABC where I currently work as

696
00:31:21,200 --> 00:31:17,550
science broadcast trainees and we were

697
00:31:24,470 --> 00:31:21,210
trained in radio television and online

698
00:31:26,300 --> 00:31:24,480
of the three years and i'm pleased to

699
00:31:31,490 --> 00:31:26,310
say all three of us are still there so

700
00:31:34,730 --> 00:31:31,500
we've stuck around prior to that while I

701
00:31:37,040 --> 00:31:34,740
was completing my PhD my supervisor my

702
00:31:39,830 --> 00:31:37,050
culture was very strongly of the opinion

703
00:31:42,200 --> 00:31:39,840
that while we were doing public science

704
00:31:44,690 --> 00:31:42,210
publicly funded science we had an

705
00:31:48,710 --> 00:31:44,700
obligation to communicate that back to

706
00:31:50,600 --> 00:31:48,720
the general public and so we were always

707
00:31:53,150 --> 00:31:50,610
encouraged to do public lectures to

708
00:31:55,490 --> 00:31:53,160
Donna radio to write articles about the

709
00:31:57,590 --> 00:31:55,500
work that we were doing and that was a

710
00:31:59,950 --> 00:31:57,600
good preliminary for me to get into

711
00:32:02,570 --> 00:31:59,960
science journalism yeah definitely and

712
00:32:05,750 --> 00:32:02,580
have you ever had any confrontations

713
00:32:08,790 --> 00:32:05,760

with I guess young earth creation and is

714
00:32:11,100 --> 00:32:08,800
intelligent design people yeah

715
00:32:16,170 --> 00:32:11,110
I've been arguing with them since I was

716
00:32:20,160 --> 00:32:16,180
in primary school and there was it

717
00:32:24,600 --> 00:32:20,170
culminated recently in a debate say

718
00:32:26,670 --> 00:32:24,610
recently 2003 I debated a creationist

719
00:32:30,330 --> 00:32:26,680
called Carl Whelan do was at that time

720
00:32:31,950 --> 00:32:30,340
head of the artists in Genesis how I

721
00:32:35,940 --> 00:32:31,960
don't know what their name is this week

722
00:32:38,970 --> 00:32:35,950
I seem to change Olivia lasers that was

723
00:32:40,620 --> 00:32:38,980
at an assembly of god church in Brisbane

724
00:32:42,780 --> 00:32:40,630
in the suburbs of brisbane one and a

725
00:32:44,310 --> 00:32:42,790
half thousand people I think I was

726
00:32:49,920 --> 00:32:44,320
probably the only evolutions been the

727
00:32:51,570 --> 00:32:49,930
audience and I the thing annoyed me

728
00:32:55,680 --> 00:32:51,580
about that debate is a couple of things

729
00:32:57,990 --> 00:32:55,690
one is I found out afterwards that prior

730
00:33:00,060 --> 00:32:58,000
to that debate for the preceding three

731
00:33:01,770 --> 00:33:00,070
weeks they've had someone from answers

732
00:33:03,630 --> 00:33:01,780
in genesis going on talking to our

733
00:33:06,170 --> 00:33:03,640
congregation about how to do with

734
00:33:11,400 --> 00:33:06,180
evolutionists so they had set a trap

735
00:33:12,750 --> 00:33:11,410
bill differently I thought I'd couldn't

736
00:33:15,900 --> 00:33:12,760
acquit himself pretty well in that

737
00:33:18,450 --> 00:33:15,910
debate and most people who have got back

738
00:33:20,490 --> 00:33:18,460

to me and have seen that debate or the

739
00:33:23,280 --> 00:33:20,500
DVD that came out about it think that I

740
00:33:24,900 --> 00:33:23,290
was pretty convincing and if the debate

741
00:33:27,540 --> 00:33:24,910
was awarded that they would have awarded

742
00:33:29,070 --> 00:33:27,550
it to me the recurring point I keep

743
00:33:31,470 --> 00:33:29,080
making and this is the point that

744
00:33:34,560 --> 00:33:31,480
anybody talking to a creationist means

745
00:33:36,780 --> 00:33:34,570
to make don't give me what you think is

746
00:33:39,330 --> 00:33:36,790
evidence against evolution give me a

747
00:33:42,360 --> 00:33:39,340
single piece of evidence that tells you

748
00:33:44,760 --> 00:33:42,370
the creation is correct they can't do

749
00:33:46,920 --> 00:33:44,770
that that I never will I challenge Cole

750
00:33:49,020 --> 00:33:46,930
numerous times for that debate with that

751
00:33:50,490 --> 00:33:49,030
exact line and he did not come up with a

752
00:33:55,020 --> 00:33:50,500
single piece of evidence that

753
00:33:57,900 --> 00:33:55,030
demonstrates creationism is correct the

754
00:34:00,060 --> 00:33:57,910
other thing that annoyed me is despite

755
00:34:03,330 --> 00:34:00,070
the fact that there was a written

756
00:34:05,430 --> 00:34:03,340
agreement of our proceeds and royalties

757
00:34:08,220 --> 00:34:05,440
in which I was supposed to get a check

758
00:34:12,150 --> 00:34:08,230
for sales I found out that they've been

759
00:34:14,880 --> 00:34:12,160
peddling these insane them worldwide and

760
00:34:16,560 --> 00:34:14,890
I have yet to see a red cent when I

761
00:34:20,320 --> 00:34:16,570
mentioned it to them they made some poor

762
00:34:26,590 --> 00:34:20,330
tree offer the thing that

763
00:34:28,930 --> 00:34:26,600

me about that is that it's it gets to

764
00:34:30,850 --> 00:34:28,940
the heart of the way that creationists

765
00:34:33,130 --> 00:34:30,860
are allowed to operate within the

766
00:34:35,680 --> 00:34:33,140
Christian community mmm because

767
00:34:37,480 --> 00:34:35,690
Christians do not think that fellow

768
00:34:41,040 --> 00:34:37,490
Christians are going to be telling them

769
00:34:44,770 --> 00:34:41,050
lies or a triumph of cheaper yeah and

770
00:34:47,350 --> 00:34:44,780
creationists tell lies and they cheat as

771
00:34:49,150 --> 00:34:47,360
though the mantra bleedin in my case and

772
00:34:50,890 --> 00:34:49,160
they get away with it because they

773
00:34:53,620 --> 00:34:50,900
they're Christians and fellow Christians

774
00:34:56,770 --> 00:34:53,630
don't suspect them I go in there I admit

775
00:34:59,740 --> 00:34:56,780
that I'm an atheist I'm openly skeptical

776
00:35:03,010 --> 00:34:59,750
on the anti-creationists therefore

777
00:35:07,240 --> 00:35:03,020
anything I say is tainted in their eyes

778
00:35:08,860 --> 00:35:07,250
and it's something if any of you get

779
00:35:12,730 --> 00:35:08,870
into a debate with creationist keep it

780
00:35:16,450 --> 00:35:12,740
in mind that that you know it's a lost

781
00:35:19,270 --> 00:35:16,460
cause anyway because we will never win

782
00:35:22,300 --> 00:35:19,280
the debate but if we don't debate them

783
00:35:25,540 --> 00:35:22,310
we will lose yeah so it's important that

784
00:35:27,220 --> 00:35:25,550
we are continuing to present ourselves

785
00:35:29,350 --> 00:35:27,230
present the arguments against

786
00:35:32,860 --> 00:35:29,360
creationism in public fora so that

787
00:35:34,990 --> 00:35:32,870
people can see that there is this other

788
00:35:37,690 --> 00:35:35,000

school of four called evolution and

789
00:35:39,670 --> 00:35:37,700
science and the creationism does not

790
00:35:41,500 --> 00:35:39,680
have a leg to stand on it doesn't have

791
00:35:43,540 --> 00:35:41,510
that evidence unless that we keep

792
00:35:45,040 --> 00:35:43,550
putting that message up they will win

793
00:35:48,370 --> 00:35:45,050
because they're very good at marketing

794
00:35:49,870 --> 00:35:48,380
their nonsense extremely good hmm

795
00:35:51,730 --> 00:35:49,880
they've already got an audience of

796
00:35:57,870 --> 00:35:51,740
constant thing of an audience exactly

797
00:36:00,940 --> 00:35:57,880
yeah and because the university

798
00:36:03,940 --> 00:36:00,950
environment which is really the breeding

799
00:36:06,760 --> 00:36:03,950
ground in many respects of of hardcore

800
00:36:08,350 --> 00:36:06,770
creationism because that's continually

801
00:36:11,680 --> 00:36:08,360
getting a turnover at new students

802
00:36:15,010 --> 00:36:11,690
coming through each year every year is

803
00:36:17,830 --> 00:36:15,020
gang gang zero your back to to your

804
00:36:20,170 --> 00:36:17,840
starting blocks because that and they

805
00:36:21,580 --> 00:36:20,180
know this so each year they will you

806
00:36:23,860 --> 00:36:21,590
know they'll come out with some

807
00:36:26,800 --> 00:36:23,870
creations will come and talk on campus

808
00:36:29,030 --> 00:36:26,810
and because they know they've got a new

809
00:36:31,250 --> 00:36:29,040
flock has talked and they can try

810
00:36:33,920 --> 00:36:31,260
the same discredited arguments they can

811
00:36:36,040 --> 00:36:33,930
bring out the same old bull nothing that

812
00:36:38,180 --> 00:36:36,050
I've heard from a creationist is new

813
00:36:41,000 --> 00:36:38,190

every every argument i've heard

814
00:36:43,810 --> 00:36:41,010
prominent over before a dozen times many

815
00:36:47,120 --> 00:36:43,820
of them go back into the 80s or beyond

816
00:36:48,140 --> 00:36:47,130
and you never hear anything new but they

817
00:36:49,940 --> 00:36:48,150
know they can get away with it because

818
00:36:51,950 --> 00:36:49,950
they continually provided with fresh

819
00:36:53,570 --> 00:36:51,960
audience yeah that's why we're going to

820
00:36:56,950 --> 00:36:53,580
be vigilant that's why we have to

821
00:37:00,290 --> 00:36:56,960
continue the good fight I like that good

822
00:37:03,470 --> 00:37:00,300
very good like ever experienced that

823
00:37:05,000 --> 00:37:03,480
firsthand down a few times now they're

824
00:37:07,850 --> 00:37:05,010
constantly tearing they're constantly

825
00:37:09,710 --> 00:37:07,860
going to it seemed even a couple of

826
00:37:10,940 --> 00:37:09,720
years ago they were going to the

827
00:37:12,800 --> 00:37:10,950
churches that weren't doing so well

828
00:37:14,210 --> 00:37:12,810
financially now as well as doing that

829
00:37:15,830 --> 00:37:14,220
they're hitting all the the new youth

830
00:37:17,590 --> 00:37:15,840
churches that are around the ones that

831
00:37:19,640 --> 00:37:17,600
advertise with rock bands and guitars

832
00:37:21,140 --> 00:37:19,650
they're the ones that creation

833
00:37:23,870 --> 00:37:21,150
ministries international are constantly

834
00:37:27,020 --> 00:37:23,880
Toronto now mmm for that very reason

835
00:37:29,330 --> 00:37:27,030
they're all 17 18 before they before

836
00:37:32,570 --> 00:37:29,340
they even get to university hmm yeah

837
00:37:35,930 --> 00:37:32,580
let's go backed up there sure and you

838
00:37:40,160 --> 00:37:35,940

know I think that if you do go into a

839
00:37:42,980 --> 00:37:40,170
public debate like I did don't expect to

840
00:37:45,470 --> 00:37:42,990
convert the whole audience don't expect

841
00:37:48,050 --> 00:37:45,480
to convert anyone because pretty much

842
00:37:52,220 --> 00:37:48,060
most of the audience who turn up are

843
00:37:55,030 --> 00:37:52,230
going to be creationists there's a weird

844
00:37:57,380 --> 00:37:55,040
phenomena even even in an environment

845
00:37:59,500 --> 00:37:57,390
and probably experiences yourself if

846
00:38:01,550 --> 00:37:59,510
creationist comes to talk on campus

847
00:38:04,130 --> 00:38:01,560
ninety percent of the audience will be

848
00:38:07,390 --> 00:38:04,140
the fundamentalist Christian groups

849
00:38:11,630 --> 00:38:07,400
turning up to listen yeah there will be

850
00:38:13,550 --> 00:38:11,640
a small group of people who understand

851
00:38:17,960 --> 00:38:13,560
evolutionary theory and accept evolution

852
00:38:21,230 --> 00:38:17,970
of science and evolution but the reason

853
00:38:23,060 --> 00:38:21,240
why I debate is because somewhere in

854
00:38:25,730 --> 00:38:23,070
between there is a poured proportion of

855
00:38:28,010 --> 00:38:25,740
the audience who are swingers they

856
00:38:29,900 --> 00:38:28,020
actually don't really know one way or

857
00:38:32,510 --> 00:38:29,910
the other they've got no way of

858
00:38:34,490 --> 00:38:32,520
evaluating who's correct and those are

859
00:38:37,310 --> 00:38:34,500
the ones that you can actually reach

860
00:38:38,920 --> 00:38:37,320
yeah in a debate like that and in that

861
00:38:42,670 --> 00:38:38,930
debate that I had

862
00:38:45,170 --> 00:38:42,680
the assembly of god in in queensland

863
00:38:47,840 --> 00:38:45,180

afterwards I thought I'd done a good job

864
00:38:49,880 --> 00:38:47,850
at the end when one woman came up to me

865
00:38:52,700 --> 00:38:49,890
and she said I want to say thank you to

866
00:38:55,670 --> 00:38:52,710
you I am a committed Christian but I'm

867
00:38:57,970 --> 00:38:55,680
also a high school science teacher and I

868
00:39:01,940 --> 00:38:57,980
know that what you're saying is correct

869
00:39:05,450 --> 00:39:01,950
and all too often at school I back down

870
00:39:08,120 --> 00:39:05,460
and won't stand up against people

871
00:39:10,400 --> 00:39:08,130
spouting creationism but you coming in

872
00:39:12,740 --> 00:39:10,410
here today and standing up in front of

873
00:39:15,370 --> 00:39:12,750
an audience full of Christians who were

874
00:39:18,500 --> 00:39:15,380
creationists and standing upland and

875
00:39:21,110 --> 00:39:18,510
defending what is logically the truth

876
00:39:23,540 --> 00:39:21,120
she said that was a powerful message to

877
00:39:26,590 --> 00:39:23,550
me and I'll go album and I want to do

878
00:39:28,850 --> 00:39:26,600
that in the future now that was one of

879
00:39:30,950 --> 00:39:28,860
1100 people who came up to me and said

880
00:39:32,870 --> 00:39:30,960
that there is only a small portion of

881
00:39:34,820 --> 00:39:32,880
the audience that you can sway but

882
00:39:37,160 --> 00:39:34,830
they're worth talking to they're worth

883
00:39:39,500 --> 00:39:37,170
reaching out to persuade definitely yeah

884
00:39:43,760 --> 00:39:39,510
one more person to perform well exactly

885
00:39:44,780 --> 00:39:43,770
exactly I don't think that the coming

886
00:39:48,620 --> 00:39:44,790
out of that debate there would have been

887
00:39:51,410 --> 00:39:48,630
anybody going to the creationist can for

888
00:39:53,180 --> 00:39:51,420

the first time yeah definitely and it's

889
00:39:56,690 --> 00:39:53,190
also I've always found it beneficial

890
00:39:58,700 --> 00:39:56,700
just to plant the seed of doubt that

891
00:40:00,320 --> 00:39:58,710
rather than just completely convinced

892
00:40:03,140 --> 00:40:00,330
someone I'll surely the override their

893
00:40:05,210 --> 00:40:03,150
dog but just maybe give them a little

894
00:40:06,800 --> 00:40:05,220
bit of questioning of do ya something

895
00:40:09,440 --> 00:40:06,810
that'll just take a look ever hanging up

896
00:40:12,440 --> 00:40:09,450
well a common creationist tactic and the

897
00:40:14,390 --> 00:40:12,450
precious no this is this works that's

898
00:40:16,700 --> 00:40:14,400
why they use it that you know these guys

899
00:40:19,730 --> 00:40:16,710
are not stupid never make that mistake

900
00:40:23,270 --> 00:40:19,740
they're not stupid what they realize is

901
00:40:27,260 --> 00:40:23,280
they can make a claim and it takes you

902
00:40:30,200 --> 00:40:27,270
as a scientist an eternity time to

903
00:40:32,630 --> 00:40:30,210
unpick that claim and so they'll just

904
00:40:34,880 --> 00:40:32,640
throw out claims like you know I had

905
00:40:36,890 --> 00:40:34,890
Carl throwing things that mean like are

906
00:40:39,230 --> 00:40:36,900
sedimentary layers yes we've shown

907
00:40:41,270 --> 00:40:39,240
through flume experiments then you can

908
00:40:42,830 --> 00:40:41,280
lay them down simultaneously one on top

909
00:40:44,900 --> 00:40:42,840
of the other no problem and therefore

910
00:40:47,140 --> 00:40:44,910
all of that arguing about Scotty grafite

911
00:40:48,640 --> 00:40:47,150
is completely wrong now for me

912
00:40:51,160 --> 00:40:48,650
pack that argument I have to explain

913
00:40:55,120 --> 00:40:51,170

what stratigraphy is I have to explain

914
00:40:56,350 --> 00:40:55,130
the de flume experiments are a set of

915
00:40:59,980 --> 00:40:56,360
experiments that were conducted in

916
00:41:01,390 --> 00:40:59,990
France have had some success in being

917
00:41:04,720 --> 00:41:01,400
repeated in other labs but complete

918
00:41:07,630 --> 00:41:04,730
failures in most and under a certain set

919
00:41:10,530 --> 00:41:07,640
of conditions you can create what appear

920
00:41:14,140 --> 00:41:10,540
to be layers in sedimentary rocks that

921
00:41:18,070 --> 00:41:14,150
appear to conforto but they do not in

922
00:41:20,590 --> 00:41:18,080
any way conform to the way that we see

923
00:41:23,020 --> 00:41:20,600
cementery rots having formed elsewhere

924
00:41:24,970 --> 00:41:23,030
in the world out there in the field so

925
00:41:26,950 --> 00:41:24,980
he that will throw something in there in

926
00:41:29,530 --> 00:41:26,960
a good comment it would take me an

927
00:41:32,140 --> 00:41:29,540
eternity to unpack it and he's gone on

928
00:41:34,630 --> 00:41:32,150
to the next two or three points yeah the

929
00:41:37,780 --> 00:41:34,640
way to undercut them is saying there is

930
00:41:40,090 --> 00:41:37,790
an argument against evolution it is not

931
00:41:42,790 --> 00:41:40,100
an argument that demonstrates

932
00:41:44,650 --> 00:41:42,800
creationism is correct give me that

933
00:41:46,030 --> 00:41:44,660
evidence and give me that evidence that

934
00:41:48,220 --> 00:41:46,040
shows that what you're saying is correct

935
00:41:51,490 --> 00:41:48,230
not that what I'm saying is wrong and

936
00:41:53,320 --> 00:41:51,500
we'll take it from there I know that you

937
00:41:55,780 --> 00:41:53,330
don't if you keep bringing them back to

938
00:41:58,170 --> 00:41:55,790

that point then they've got nowhere to

939
00:42:09,140 --> 00:41:58,180
run because they have got no evidence ya

940
00:42:15,960 --> 00:42:12,600
the skeptic zone zone voiceover man Jim

941
00:42:19,320 --> 00:42:15,970
Wilshire has just released a DVD of 26

942
00:42:21,420 --> 00:42:19,330
original poems all read by Jim and some

943
00:42:27,359 --> 00:42:21,430
with beautiful images of the Australian

944
00:42:30,000 --> 00:42:27,369
countryside here's an example bachelor

945
00:42:32,250 --> 00:42:30,010
of science you're a bachelor of science

946
00:42:34,440 --> 00:42:32,260
so I guess that means you know how to

947
00:42:36,780 --> 00:42:34,450
constantly keep in touch with those who

948
00:42:39,109 --> 00:42:36,790
had to go and have a summon up their

949
00:42:42,660 --> 00:42:39,119
spirits if they're slightly willing and

950
00:42:45,570 --> 00:42:42,670
speak to the dead why that really is

951
00:42:48,660 --> 00:42:45,580
quite thrilling does this gift which you

952
00:42:50,970 --> 00:42:48,670
have mean you could talk to pets and do

953
00:42:53,310 --> 00:42:50,980
you do it via the ether or through the

954
00:42:56,670 --> 00:42:53,320
media admits could you get in contact

955
00:42:59,340 --> 00:42:56,680
say with my dear departed cat for having

956
00:43:02,550 --> 00:42:59,350
been once run over is that the end of

957
00:43:04,800 --> 00:43:02,560
that and what about my dog do you think

958
00:43:07,140 --> 00:43:04,810
you'd hear him bark from that big doggie

959
00:43:09,630 --> 00:43:07,150
playground the dead dogs apart and park

960
00:43:11,940 --> 00:43:09,640
having made a connection could I be

961
00:43:14,730 --> 00:43:11,950
absolutely sure that the doggie were

962
00:43:16,830 --> 00:43:14,740
communing was the pet on timing for I'm

963
00:43:19,290 --> 00:43:16,840

worried about the chance of the wrong

964
00:43:21,780 --> 00:43:19,300
contact being made that you might get a

965
00:43:24,030 --> 00:43:21,790
canine with which I never played but

966
00:43:27,330 --> 00:43:24,040
someone else's pet which would Manson to

967
00:43:30,570 --> 00:43:27,340
my call or perish the thought you'd get

968
00:43:33,390 --> 00:43:30,580
no dead dog Sol at all now I might just

969
00:43:36,300 --> 00:43:33,400
have to wait until I joined by passed on

970
00:43:39,120 --> 00:43:36,310
pets it seems you might be trying to lay

971
00:43:41,700 --> 00:43:39,130
off my psychic bits and those for my

972
00:43:45,390 --> 00:43:41,710
parents where although you have that

973
00:43:51,060 --> 00:43:45,400
ticket I think the school was falling so

974
00:43:54,210 --> 00:43:51,070
you know where you can stick it that was

975
00:43:56,580 --> 00:43:54,220
Jim Wilshire reading his poem bachelor

976
00:43:59,130 --> 00:43:56,590
of science as featured on the new DVD

977
00:44:02,340 --> 00:43:59,140
and the rhyme keeper you can buy your

978
00:44:07,160 --> 00:44:02,350
copy of the Rhine keeper $25 us posted

979
00:44:10,349 --> 00:44:07,170
to your door by visiting w WC optics on

980
00:44:13,500 --> 00:44:10,359
TV you can also see Jim reading another

981
00:44:25,280 --> 00:44:13,510
poem by visiting our video page Jim

982
00:44:29,430 --> 00:44:27,540
well recently I had the pleasure of

983
00:44:31,560 --> 00:44:29,440
going to enquiry University here in

984
00:44:33,600 --> 00:44:31,570
Sydney to give a talk to the very new

985
00:44:35,520 --> 00:44:33,610
Macquarie skeptics and on the line I've

986
00:44:38,310 --> 00:44:35,530
got Tiffany day from the Macquarie

987
00:44:40,320 --> 00:44:38,320
skeptics hello Tiffany hello riches now

988
00:44:41,760 --> 00:44:40,330

I'm very interested to know and I'm sure

989
00:44:43,740 --> 00:44:41,770
listen is a very interest is know a bit

990
00:44:45,960 --> 00:44:43,750
about the background why is there now

991
00:44:47,910 --> 00:44:45,970
after all these years of skepticism in

992
00:44:50,160 --> 00:44:47,920
Australia something coming up to 30 why

993
00:44:53,490 --> 00:44:50,170
is there now a skeptics group at

994
00:44:55,230 --> 00:44:53,500
Macquarie University yes well I think a

995
00:44:58,080 --> 00:44:55,240
lot of the most of motivation behind it

996
00:44:59,850 --> 00:44:58,090
was the fact that at Macquarie

997
00:45:04,770 --> 00:44:59,860
University in particular there are a

998
00:45:07,860 --> 00:45:04,780
whole lot of religious student groups 13

999
00:45:10,800 --> 00:45:07,870
we counted i believe and nothing for any

1000
00:45:12,360 --> 00:45:10,810
sort of critical thinking group such as

1001
00:45:15,360 --> 00:45:12,370
a skeptic group of perhaps even an

1002
00:45:18,270 --> 00:45:15,370
atheist group so we wanted to make that

1003
00:45:19,950 --> 00:45:18,280
available to students not necessarily as

1004
00:45:22,230 --> 00:45:19,960
a counteraction to the religious groups

1005
00:45:26,850 --> 00:45:22,240
but just as something for them to get

1006
00:45:28,560 --> 00:45:26,860
involved with so 13 13 also religious

1007
00:45:30,360 --> 00:45:28,570
groups on the campus they're mcrae that

1008
00:45:32,340 --> 00:45:30,370
so what are they different religions or

1009
00:45:35,670 --> 00:45:32,350
they all sort of Christian sects or how

1010
00:45:37,680 --> 00:45:35,680
does it work I do know of a few Islamic

1011
00:45:41,580 --> 00:45:37,690
ones but I think the majority are

1012
00:45:45,210 --> 00:45:41,590
Christian and they certainly take over a

1013
00:45:46,470 --> 00:45:45,220

lot of the poster space ah now you've

1014
00:45:48,720 --> 00:45:46,480
got a story to tell about that because

1015
00:45:51,750 --> 00:45:48,730
you were telling me something about when

1016
00:45:53,310 --> 00:45:51,760
you were promoting my recent talk yes do

1017
00:45:54,990 --> 00:45:53,320
you have a story we had the great

1018
00:46:00,300 --> 00:45:55,000
Richard Saunders coming into a tour bus

1019
00:46:01,920 --> 00:46:00,310
and and myself being holding the

1020
00:46:03,840 --> 00:46:01,930
marketing chair for the group I was

1021
00:46:06,750 --> 00:46:03,850
responsible for whole arm putting up the

1022
00:46:09,170 --> 00:46:06,760
posters to create awareness for the

1023
00:46:12,540 --> 00:46:09,180
group and also to promote your talk and

1024
00:46:14,700 --> 00:46:12,550
the Christian groups at our university

1025
00:46:17,190 --> 00:46:14,710
decided it would be a good idea to stick

1026
00:46:18,990 --> 00:46:17,200
their posters right over the top of my

1027
00:46:22,200 --> 00:46:19,000
posters that I'd only had out for about

1028
00:46:23,790 --> 00:46:22,210
five minutes Oh Deary Deary me being

1029
00:46:26,220 --> 00:46:23,800
censured by the Christian groups of the

1030
00:46:30,570 --> 00:46:26,230
University whatever next it was quite

1031
00:46:32,310 --> 00:46:30,580
deliberate as well oh boy I wouldn't I'm

1032
00:46:33,990 --> 00:46:32,320
not sure what the problem is it's a pity

1033
00:46:35,250 --> 00:46:34,000
they didn't come along for the talk they

1034
00:46:36,660 --> 00:46:35,260
would have all learned how to bend

1035
00:46:38,220 --> 00:46:36,670
spoons yes

1036
00:46:41,190 --> 00:46:38,230
I mean we're quite welcoming to

1037
00:46:42,660 --> 00:46:41,200
religious any kind of religious people

1038
00:46:46,020 --> 00:46:42,670

and it kind of religious beliefs they're

1039
00:46:48,510 --> 00:46:46,030
welcome to come join our skeptic group

1040
00:46:50,460 --> 00:46:48,520
well that's absolutely the best attitude

1041
00:46:52,589 --> 00:46:50,470
to have and of course any person from

1042
00:46:55,289 --> 00:46:52,599
any religious group is quite welcome to

1043
00:46:57,120 --> 00:46:55,299
join the the Australian skeptics or come

1044
00:46:59,010 --> 00:46:57,130
to skeptics in the pub if their religion

1045
00:47:00,750 --> 00:46:59,020
doesn't forbid it of course we don't

1046
00:47:03,539 --> 00:47:00,760
care we will have anybody for a drink

1047
00:47:04,859 --> 00:47:03,549
and a chat and a good time and I see

1048
00:47:07,260 --> 00:47:04,869
that's your philosophy too because

1049
00:47:09,960 --> 00:47:07,270
you're starting your very own skeptics

1050
00:47:11,940 --> 00:47:09,970
in the pub at Macquarie University yes

1051
00:47:14,160 --> 00:47:11,950
that's that's very much our philosophy

1052
00:47:18,089 --> 00:47:14,170
and people who may be fed up with

1053
00:47:19,710 --> 00:47:18,099
astrology creationism water dowsing I

1054
00:47:21,690 --> 00:47:19,720
know you've put a DVD together about

1055
00:47:24,809 --> 00:47:21,700
that which was one of our events that we

1056
00:47:27,990 --> 00:47:24,819
held earlier in the semester evangelist

1057
00:47:30,270 --> 00:47:28,000
psychics all that sort of thing so to a

1058
00:47:34,200 --> 00:47:30,280
degree it would include perhaps

1059
00:47:36,690 --> 00:47:34,210
fundamentalist religious ideas but we're

1060
00:47:38,400 --> 00:47:36,700
totally welcoming to anyone I think

1061
00:47:40,559 --> 00:47:38,410
that's a great attitude to have now if

1062
00:47:42,240 --> 00:47:40,569
people want to contact you or people

1063
00:47:44,520 --> 00:47:42,250

listening to us who attend Macquarie

1064
00:47:47,849 --> 00:47:44,530
University want to come along or join

1065
00:47:50,150 --> 00:47:47,859
your new group how can they do that yes

1066
00:47:52,950 --> 00:47:50,160
and they can either contact myself a

1067
00:47:56,640 --> 00:47:52,960
gentleman by the name of Duane or even

1068
00:48:00,270 --> 00:47:56,650
Johan we have a website called Macquarie

1069
00:48:03,059 --> 00:48:00,280
skeptics com and we're also quite active

1070
00:48:05,099 --> 00:48:03,069
on our facebook group so if you do a

1071
00:48:08,640 --> 00:48:05,109
search on Facebook for skeptics at

1072
00:48:11,400 --> 00:48:08,650
Macquarie at being the @ symbol on the

1073
00:48:13,280 --> 00:48:11,410
keyboard we have regular updates and

1074
00:48:17,730 --> 00:48:13,290
information there on upcoming events and

1075
00:48:18,930 --> 00:48:17,740
also contact information great news and

1076
00:48:20,579 --> 00:48:18,940
of course you have the support of

1077
00:48:22,020 --> 00:48:20,589
Australian skeptics who are delighted

1078
00:48:23,910 --> 00:48:22,030
that there's a new skeptical group

1079
00:48:26,970 --> 00:48:23,920
especially in the University and we

1080
00:48:28,799 --> 00:48:26,980
certainly encourage a lot more in Sydney

1081
00:48:30,780 --> 00:48:28,809
and all over Australia so Tiffany day

1082
00:48:32,579 --> 00:48:30,790
thank you very much for chatting to the

1083
00:48:36,799 --> 00:48:32,589
skeptic zone thank you for having me

1084
00:48:45,779 --> 00:48:40,170
now it's time for dr. Rachel reports

1085
00:48:48,299 --> 00:48:45,789
with dr. Rachel Dunlop hello everyone

1086
00:48:49,729 --> 00:48:48,309
and welcome to dr. Richie reports today

1087
00:48:52,410 --> 00:48:49,739
I want to talk to you about the

1088
00:48:53,880 --> 00:48:52,420

mind-body-spirit festival this happens

1089
00:48:55,650 --> 00:48:53,890
every six months in Sydney and is

1090
00:48:58,259 --> 00:48:55,660
affectionately known as the mind-body

1091
00:49:00,029 --> 00:48:58,269
wallet so take a deep breath check your

1092
00:49:02,039 --> 00:49:00,039
temper and let's delve into what they

1093
00:49:04,469 --> 00:49:02,049
have in store for us this time round as

1094
00:49:05,759 --> 00:49:04,479
I said it happens every six months in

1095
00:49:08,400 --> 00:49:05,769
Sydney and the description on the

1096
00:49:09,900 --> 00:49:08,410
website is as follows Australia's

1097
00:49:12,410 --> 00:49:09,910
largest event for personal growth

1098
00:49:14,999 --> 00:49:12,420
natural therapies alternative healing

1099
00:49:17,880 --> 00:49:15,009
self-development spiritual awareness and

1100
00:49:20,069 --> 00:49:17,890
much more you can see try and buy

1101
00:49:22,439 --> 00:49:20,079
hundreds of products and services for

1102
00:49:25,319 --> 00:49:22,449
your total well-being physical mental

1103
00:49:28,109 --> 00:49:25,329
and spiritual so this is a weave

1104
00:49:30,329 --> 00:49:28,119
festival on a huge scale with over 190

1105
00:49:33,059 --> 00:49:30,339
exhibitors a spiritual cinema free

1106
00:49:34,949 --> 00:49:33,069
seminars free performance stage free

1107
00:49:36,569 --> 00:49:34,959
positive thinking and meditation centres

1108
00:49:37,739 --> 00:49:36,579
and of course it wouldn't be the same

1109
00:49:40,859 --> 00:49:37,749
without the psychics and clairvoyants

1110
00:49:43,109 --> 00:49:40,869
and accordingly there is a psychic

1111
00:49:45,599 --> 00:49:43,119
reading room with over 60 of the best

1112
00:49:48,329 --> 00:49:45,609
clairvoyants who will sting you 40 bucks

1113
00:49:50,549 --> 00:49:48,339

for a 25 minute reading or 80 for 50

1114
00:49:53,069 --> 00:49:50,559
minutes and this room is always packed

1115
00:49:54,930 --> 00:49:53,079
so you are advised to book ahead we went

1116
00:49:56,999 --> 00:49:54,940
back in May and this room was constantly

1117
00:49:58,890 --> 00:49:57,009
buzzing this year there are several

1118
00:50:01,289 --> 00:49:58,900
seminars from the psychics featured on

1119
00:50:03,809 --> 00:50:01,299
the one Australia's search for the most

1120
00:50:05,069 --> 00:50:03,819
gifted psychic but before I delve into

1121
00:50:06,719 --> 00:50:05,079
that I want to bring to your attention

1122
00:50:10,400 --> 00:50:06,729
some of the more weird and wonderful

1123
00:50:13,289 --> 00:50:10,410
exhibitors so let's start with weird

1124
00:50:15,329 --> 00:50:13,299
nose works now nose works our suppliers

1125
00:50:17,729 --> 00:50:15,339
of a product known as the the neti pot

1126
00:50:20,759 --> 00:50:17,739
which is also known as a nasal cleansing

1127
00:50:22,949 --> 00:50:20,769
pot or yah leonetti and this thing looks

1128
00:50:24,930 --> 00:50:22,959
like a teapot with an inverted spout and

1129
00:50:27,089 --> 00:50:24,940
according to the instructional video on

1130
00:50:29,009 --> 00:50:27,099
the website you fill it with warm salty

1131
00:50:32,189 --> 00:50:29,019
water and then flush your sinuses by

1132
00:50:35,549 --> 00:50:32,199
pouring it up your nose now one of the

1133
00:50:38,160 --> 00:50:35,559
websites I visited cited this process as

1134
00:50:41,880 --> 00:50:38,170
a simple solution to asthma sinusitis

1135
00:50:45,150 --> 00:50:41,890
snoring hay fever blocked noses sneezing

1136
00:50:46,920 --> 00:50:45,160
sinus headaches and even better it has a

1137
00:50:48,809 --> 00:50:46,930
cooling and soothing effect on the brain

1138
00:50:49,560 --> 00:50:48,819

and is therefore beneficial for

1139
00:50:52,560 --> 00:50:49,570
headaches my

1140
00:50:54,540 --> 00:50:52,570
green and general mental tension well I

1141
00:50:57,450 --> 00:50:54,550
wonder how does it get to your brain if

1142
00:51:00,540 --> 00:50:57,460
you pour it up your nose in any case

1143
00:51:02,430 --> 00:51:00,550
they also claim that regular cleansing

1144
00:51:05,130 --> 00:51:02,440
helps the eyes ears and minds become

1145
00:51:07,260 --> 00:51:05,140
clearer as well as it helps clear the

1146
00:51:10,310 --> 00:51:07,270
mind giving you a sense of lightness and

1147
00:51:12,990 --> 00:51:10,320
clarity which aids better concentration

1148
00:51:15,450 --> 00:51:13,000
so go ahead and shove this thing up your

1149
00:51:17,700 --> 00:51:15,460
nose if you wish I know who one thing it

1150
00:51:19,830 --> 00:51:17,710
will most certainly look silly but as

1151
00:51:21,750 --> 00:51:19,840
for the rest of the claims well dubious

1152
00:51:23,250 --> 00:51:21,760
to say the least and the part about

1153
00:51:25,860 --> 00:51:23,260
clearing your mind and cooling your

1154
00:51:27,510 --> 00:51:25,870
brain well there's no basis in science

1155
00:51:29,760 --> 00:51:27,520
for this if you want to see some

1156
00:51:32,190 --> 00:51:29,770
pictures of how you use this wonderful

1157
00:51:33,690 --> 00:51:32,200
neti pot check my blog and you can see

1158
00:51:37,020 --> 00:51:33,700
some of the amusing pictures of this

1159
00:51:38,850 --> 00:51:37,030
process in action but wait listeners why

1160
00:51:41,340 --> 00:51:38,860
listen to me apparently this thing has

1161
00:51:46,560 --> 00:51:41,350
featured on oprah but then so has Tom

1162
00:51:49,020 --> 00:51:46,570
Cruise and Jenny McCarthy more weird now

1163
00:51:50,430 --> 00:51:49,030

a couple of stalls that are going to be

1164
00:51:54,360 --> 00:51:50,440
appearing at the mind-body wallet

1165
00:51:56,610 --> 00:51:54,370
include Nana maze magic hands and teacup

1166
00:51:58,320 --> 00:51:56,620
readings with Betty now doesn't this

1167
00:52:00,750 --> 00:51:58,330
sound like a lovely old lady straight

1168
00:52:03,960 --> 00:52:00,760
out of the 1950s who wants to make you a

1169
00:52:05,220 --> 00:52:03,970
nice cup of tea and read your leaves now

1170
00:52:08,100 --> 00:52:05,230
I thought this stuff went out of fashion

1171
00:52:11,010 --> 00:52:08,110
years ago I mean hasn't Betty heard of

1172
00:52:12,510 --> 00:52:11,020
the coffee Oracle by Stacy DeMarco check

1173
00:52:14,880 --> 00:52:12,520
the link on my website if you want to

1174
00:52:17,340 --> 00:52:14,890
know more about this apparently we've

1175
00:52:20,430 --> 00:52:17,350
got expresso now my dear we don't use T

1176
00:52:22,080 --> 00:52:20,440
anymore and as for Nana Mays magic hands

1177
00:52:25,050 --> 00:52:22,090
well I've got no idea what this is about

1178
00:52:26,280 --> 00:52:25,060
but I'll be certain to check it out the

1179
00:52:29,190 --> 00:52:26,290
next thing I want to talk to you about

1180
00:52:31,230 --> 00:52:29,200
is just wrong and all across the

1181
00:52:32,910 --> 00:52:31,240
festival this year there are stalls and

1182
00:52:35,760 --> 00:52:32,920
seminars espousing the benefits of

1183
00:52:38,310 --> 00:52:35,770
drinking alkaline water one is entitled

1184
00:52:40,350 --> 00:52:38,320
how water can cure incurable diseases

1185
00:52:42,150 --> 00:52:40,360
and this to me sounded pretty amazing

1186
00:52:43,980 --> 00:52:42,160
but when I did some further digging I

1187
00:52:47,310 --> 00:52:43,990
found out it was just alkaline water

1188
00:52:49,350 --> 00:52:47,320

again and another one is entitled food

1189
00:52:51,540 --> 00:52:49,360
intolerance as digestive enzymes and

1190
00:52:53,760 --> 00:52:51,550
alkalization which apparently will

1191
00:52:56,150 --> 00:52:53,770
report on to new digestive enzymes that

1192
00:52:58,620 --> 00:52:56,160
will greatly boost your digestive power

1193
00:53:01,290 --> 00:52:58,630
digestive power this sounds like a

1194
00:53:03,510 --> 00:53:01,300
washing powder to me but proponents of

1195
00:53:05,430 --> 00:53:03,520
this stuff claim and I quote

1196
00:53:07,260 --> 00:53:05,440
the negative ions in alkaline water are

1197
00:53:09,350 --> 00:53:07,270
a rich source of electrons that can be

1198
00:53:11,280 --> 00:53:09,360
donated to free radicals in the body

1199
00:53:14,010 --> 00:53:11,290
neutralizing them and stopping them from

1200
00:53:16,320 --> 00:53:14,020
damaging healthy tissues absolute

1201
00:53:18,720 --> 00:53:16,330
nonsense when you drink alkaline water

1202
00:53:20,880 --> 00:53:18,730
its alkalinity is quickly removed by the

1203
00:53:23,970 --> 00:53:20,890
highly acidic gastric fluid in your

1204
00:53:25,860 --> 00:53:23,980
stomach and the body regulates its pH by

1205
00:53:28,770 --> 00:53:25,870
buffering with bicarbonate ions and

1206
00:53:30,540 --> 00:53:28,780
breeding of carbon dioxide so I'm sorry

1207
00:53:33,330 --> 00:53:30,550
but this is just pure pseudoscience

1208
00:53:35,820 --> 00:53:33,340
nonsense so let's move on to

1209
00:53:37,290 --> 00:53:35,830
supernatural and of course it wouldn't

1210
00:53:39,480 --> 00:53:37,300
be the mind-body wallet without the

1211
00:53:41,070 --> 00:53:39,490
usual collection of psychics and this

1212
00:53:44,030 --> 00:53:41,080
year there isn't contingent from the one

1213
00:53:46,620 --> 00:53:44,040

as i mentioned giving seminars such as

1214
00:53:49,860 --> 00:53:46,630
connecting with spirit messages from

1215
00:53:52,320 --> 00:53:49,870
beyond and you too can be the one how to

1216
00:53:53,940 --> 00:53:52,330
develop your own psychic gifts now these

1217
00:53:56,160 --> 00:53:53,950
sound decidedly normal stacked up

1218
00:53:58,560 --> 00:53:56,170
against things like sonic rebirthing

1219
00:54:01,200 --> 00:53:58,570
through sound therapy the Atlantean

1220
00:54:04,470 --> 00:54:01,210
pathway to Isis and psychic spoon

1221
00:54:06,270 --> 00:54:04,480
bending and Egyptian alchemy well folks

1222
00:54:08,490 --> 00:54:06,280
this is just the beginning of 40 days of

1223
00:54:10,770 --> 00:54:08,500
the strange the supernatural and pretty

1224
00:54:13,130 --> 00:54:10,780
much the silly but combined with the

1225
00:54:15,230 --> 00:54:13,140
usual suspects such as the iridology

1226
00:54:17,700 --> 00:54:15,240
chiropractors chinese medicine

1227
00:54:20,490 --> 00:54:17,710
reflexologists aura capturers angels

1228
00:54:23,250 --> 00:54:20,500
orbs ear candles etc we are certainly in

1229
00:54:24,630 --> 00:54:23,260
for an interesting experience and you

1230
00:54:26,580 --> 00:54:24,640
can find all the details about this

1231
00:54:29,910 --> 00:54:26,590
episode of dr. Richie reports on the

1232
00:54:32,040 --> 00:54:29,920
skeptic design TV blog at skeptic zone

1233
00:54:34,680 --> 00:54:32,050
dot wordpress or follow the links from

1234
00:54:36,270 --> 00:54:34,690
skeptic zone TV and i also have an

1235
00:54:39,600 --> 00:54:36,280
additional blog about the mind-body

1236
00:54:41,400 --> 00:54:39,610
wallet at skeptics book calm and i want

1237
00:54:43,320 --> 00:54:41,410
to thank everyone who's been emailing me

1238
00:54:45,150 --> 00:54:43,330

with suggestions and feedback and please

1239
00:54:46,470 --> 00:54:45,160
keep doing that and i will try to get on

1240
00:54:49,080 --> 00:54:46,480
to some of your suggestions in the

1241
00:54:51,390 --> 00:54:49,090
coming episodes of the skeptic zone but

1242
00:55:01,550 --> 00:54:51,400
for now this has been dr. richie reports

1243
00:55:06,180 --> 00:55:03,840
Australian skeptics are pleased and

1244
00:55:08,510 --> 00:55:06,190
proud to sponsor the young scientists of

1245
00:55:11,130 --> 00:55:08,520
the Year award here in New South Wales

1246
00:55:13,680 --> 00:55:11,140
this year it was my pleasure to attend

1247
00:55:16,530 --> 00:55:13,690
the awards again and I met up with Sam

1248
00:55:19,170 --> 00:55:16,540
Whiteman Sam is from Mullen BB high

1249
00:55:20,940 --> 00:55:19,180
school my old high school sounded very

1250
00:55:22,770 --> 00:55:20,950
well this year winning first place in

1251
00:55:25,770 --> 00:55:22,780
the earth and environmental science

1252
00:55:28,590 --> 00:55:25,780
winning the step environment award

1253
00:55:30,510 --> 00:55:28,600
winning the Royal Australian chemical

1254
00:55:33,480 --> 00:55:30,520
institute award for soil and water

1255
00:55:35,910 --> 00:55:33,490
chemistry and he will be representing

1256
00:55:38,220 --> 00:55:35,920
Australia at the 2009 Intel

1257
00:55:43,530 --> 00:55:38,230
International Science and Engineering

1258
00:55:47,700 --> 00:55:43,540
Fair in Reno Nevada wow I spoke to sam

1259
00:55:49,320 --> 00:55:47,710
just after the award ceremony well we

1260
00:55:50,730 --> 00:55:49,330
here at the young scientists of the Year

1261
00:55:53,430 --> 00:55:50,740
award for New South Wales understand

1262
00:55:56,100 --> 00:55:53,440
white went from Mullen BB high school my

1263
00:55:58,140 --> 00:55:56,110

old high school Sam hi hey origin I'm

1264
00:56:01,500 --> 00:55:58,150
doing well and I'm really happy because

1265
00:56:03,750 --> 00:56:01,510
you did so well today yeah I did I did

1266
00:56:04,830 --> 00:56:03,760
myself really you really did how many

1267
00:56:06,360 --> 00:56:04,840
times did you come up and click the

1268
00:56:07,920 --> 00:56:06,370
wards I think at least about four or

1269
00:56:10,290 --> 00:56:07,930
five or something like that uncountable

1270
00:56:12,510 --> 00:56:10,300
countable he was up and down like a

1271
00:56:14,580 --> 00:56:12,520
yo-yo folks and he's off to the states

1272
00:56:16,290 --> 00:56:14,590
that is so exciting is one of the the

1273
00:56:17,700 --> 00:56:16,300
big winners if I'm very very excited

1274
00:56:20,520 --> 00:56:17,710
like I can't wait to go to the States

1275
00:56:21,900 --> 00:56:20,530
I've heard it's really nice it's it's

1276
00:56:23,160 --> 00:56:21,910
amazing you're gonna have such a good

1277
00:56:25,080 --> 00:56:23,170
time and all you people listening in

1278
00:56:27,210 --> 00:56:25,090
America when Sam comes your way now

1279
00:56:29,520 --> 00:56:27,220
you're going to reno I theory night yeah

1280
00:56:32,400 --> 00:56:29,530
that's where than in 2009 where the

1281
00:56:35,160 --> 00:56:32,410
young sign is the convention is or a

1282
00:56:38,130 --> 00:56:35,170
meeting yeah I think so I can't like a

1283
00:56:39,690 --> 00:56:38,140
decent spoon bending yes ladies and

1284
00:56:42,600 --> 00:56:39,700
gentlemen I must tell you that last year

1285
00:56:44,070 --> 00:56:42,610
Sam was the young scientists awards and

1286
00:56:45,840 --> 00:56:44,080
I showed him a little bit of spoon

1287
00:56:47,400 --> 00:56:45,850
betting he's become a bit famous up

1288
00:56:49,890 --> 00:56:47,410

there a Malon baby yeah you could say

1289
00:56:52,650 --> 00:56:49,900
that in the local paper with a spoon

1290
00:56:54,000 --> 00:56:52,660
bending so not only a young scientist

1291
00:56:56,220 --> 00:56:54,010
for the young budding a skeptic I think

1292
00:56:56,940 --> 00:56:56,230
Sam congratulations again thank you very

1293
00:56:58,530 --> 00:56:56,950
much mission

1294
00:57:00,450 --> 00:56:58,540
and I do I look forward to you and

1295
00:57:07,020 --> 00:57:00,460
seeing you here again and again oh okay

1296
00:57:14,450 --> 00:57:07,030
I will now see you join us now for

1297
00:57:19,530 --> 00:57:17,490
and welcome once again to the think tank

1298
00:57:22,790 --> 00:57:19,540
actually we're not at a club this week

1299
00:57:25,620 --> 00:57:22,800
we're at Rachel Dunlop's house with an

1300
00:57:28,589 --> 00:57:25,630
incredible view of Sydney Airport Rachel

1301
00:57:31,109 --> 00:57:28,599
it's amazing my plane spotting room

1302
00:57:33,240 --> 00:57:31,119
Ricardo I love it that's a great room

1303
00:57:34,410 --> 00:57:33,250
isn't it you can see from the city the

1304
00:57:36,540 --> 00:57:34,420
Harbour Bridge all the way down to

1305
00:57:38,640 --> 00:57:36,550
Botany Bay which is where the Kingsford

1306
00:57:41,069 --> 00:57:38,650
Smith airport is and right at this

1307
00:57:43,790 --> 00:57:41,079
moment we can see the line of the runway

1308
00:57:46,290 --> 00:57:43,800
that's lit up yep and we can sew it

1309
00:57:48,000 --> 00:57:46,300
through the course of this podcast you

1310
00:57:49,829 --> 00:57:48,010
might hear some planes going past

1311
00:57:50,940 --> 00:57:49,839
although they're taking off over the

1312
00:57:54,150 --> 00:57:50,950
ocean at the moment is that right i

1313
00:57:55,319 --> 00:57:54,160

think so some of them are taking off in

1314
00:57:58,260 --> 00:57:55,329
hysterics that one's just put its

1315
00:58:02,220 --> 00:57:58,270
headlights on you see that yeah where's

1316
00:58:04,920 --> 00:58:02,230
that oh yes so if so bro if we get 747

1317
00:58:09,120 --> 00:58:04,930
you're any kind of large Airbus you

1318
00:58:11,040 --> 00:58:09,130
won't hear a thing joining me of course

1319
00:58:13,559 --> 00:58:11,050
is a doctor Rachel Dunlop because it's a

1320
00:58:17,220 --> 00:58:13,569
house it's and Amanda Rose hello Amanda

1321
00:58:18,690 --> 00:58:17,230
hello and we're actually waiting Michael

1322
00:58:21,180 --> 00:58:18,700
walla hende come join us this week but

1323
00:58:23,819 --> 00:58:21,190
we are waiting for Kylie Sturgis who is

1324
00:58:27,120 --> 00:58:23,829
in Perth and she's going to be joining

1325
00:58:28,370 --> 00:58:27,130
us via Skype as soon as she gets through

1326
00:58:32,430 --> 00:58:28,380
the traffic gets through the traffic

1327
00:58:34,500 --> 00:58:32,440
tourist track it's yes it is no time

1328
00:58:37,410 --> 00:58:34,510
it's pretty bad but what an interesting

1329
00:58:39,690 --> 00:58:37,420
couple of days it's been my friends yeah

1330
00:58:43,020 --> 00:58:39,700
it's been an interesting day we are

1331
00:58:45,990 --> 00:58:43,030
recording this a few hours after the

1332
00:58:49,260 --> 00:58:46,000
tremendous victory by barack obama obama

1333
00:58:51,809 --> 00:58:49,270
and Amanda and I were actually spent a

1334
00:58:54,420 --> 00:58:51,819
delightful afternoon in local pub

1335
00:58:56,190 --> 00:58:54,430
watching the results come in and I'll

1336
00:59:00,530 --> 00:58:56,200
just play this little clip now of the

1337
00:59:03,270 --> 00:59:00,540
very moment here we go this is a

1338
00:59:06,000 --> 00:59:03,280

people have been waiting for this is a

1339
00:59:20,930 --> 00:59:06,010
moment that potentially could be rather

1340
00:59:32,460 --> 00:59:24,980
he has enough electoral votes more than

1341
00:59:34,349 --> 00:59:32,470
270 the United States so there you go

1342
00:59:37,200 --> 00:59:34,359
history has it happened to Amanda

1343
00:59:41,010 --> 00:59:37,210
actually what it was was the exact

1344
00:59:42,930 --> 00:59:41,020
second that the West Coast states closed

1345
00:59:45,180 --> 00:59:42,940
their polling california and new york

1346
00:59:47,630 --> 00:59:45,190
state's and at that moment they just

1347
00:59:50,550 --> 00:59:47,640
went that's it CNN called it then

1348
00:59:54,390 --> 00:59:50,560
presumptive president barack hussein

1349
00:59:56,300 --> 00:59:54,400
obama as congratulations president-elect

1350
00:59:59,640 --> 00:59:56,310
I know you listen to the skeptic zone I

1351
01:00:02,160 --> 00:59:59,650
wonder if our American friends realize

1352
01:00:03,839 --> 01:00:02,170
how much the rest of the world was

1353
01:00:05,820 --> 01:00:03,849
really interested in selection and this

1354
01:00:07,710 --> 01:00:05,830
result I mean in Australia currently

1355
01:00:10,560 --> 01:00:07,720
right now it's about half past eight at

1356
01:00:12,030 --> 01:00:10,570
night and there are lots and lots of

1357
01:00:14,310 --> 01:00:12,040
election parties going on around the

1358
01:00:17,040 --> 01:00:14,320
country and not just from xpat Americans

1359
01:00:19,800 --> 01:00:17,050
either well it's it's a big it's a big

1360
01:00:22,650 --> 01:00:19,810
event for the world I think so so that's

1361
01:00:25,380 --> 01:00:22,660
a big day in history to positive

1362
01:00:26,940 --> 01:00:25,390
positive I think so very positive and I

1363
01:00:28,950 --> 01:00:26,950

know John McCain always has since to the

1364
01:00:30,990 --> 01:00:28,960
skeptics and so commiserations John and

1365
01:00:32,700 --> 01:00:31,000
I'm sorry Sarah didn't win I'd I know

1366
01:00:34,320 --> 01:00:32,710
she listens to the skeptic she knows yes

1367
01:00:35,790 --> 01:00:34,330
although she's gone back probably gone

1368
01:00:38,070 --> 01:00:35,800
back to Alaska now to take care of those

1369
01:00:39,780 --> 01:00:38,080
pesky Russians hasn't she actually can I

1370
01:00:41,820 --> 01:00:39,790
tell you something rich in about part of

1371
01:00:44,790 --> 01:00:41,830
the reason why obama won use your shift

1372
01:00:47,700 --> 01:00:44,800
it was based on things shall we did you

1373
01:00:50,089 --> 01:00:47,710
know that i did not know that well this

1374
01:00:53,280 --> 01:00:50,099
is true in fact this story comes from

1375
01:00:56,250 --> 01:00:53,290
Associated Press you and i found a link

1376
01:00:58,020 --> 01:00:56,260
to this on youtube in fact and it's

1377
01:01:00,390 --> 01:00:58,030
talking about the sanctuary of the

1378
01:01:03,780 --> 01:01:00,400
office of John McCain and Barack Obama

1379
01:01:07,220 --> 01:01:03,790
and making predictions about who would

1380
01:01:10,410 --> 01:01:07,230
win based on the layout of their office

1381
01:01:13,440 --> 01:01:10,420
now this feng shui expert her name is

1382
01:01:16,140 --> 01:01:13,450
taylor Vance and she said that McCain's

1383
01:01:18,520 --> 01:01:16,150
office is eclectic and cluttered whereas

1384
01:01:20,720 --> 01:01:18,530
Obama's was clean and modern

1385
01:01:23,570 --> 01:01:20,730
now for those of you who don't know the

1386
01:01:26,390 --> 01:01:23,580
concept of feng shui it's this is the

1387
01:01:28,070 --> 01:01:26,400
quote from Taylor Vance it's the study

1388
01:01:30,010 --> 01:01:28,080

of our environments that affect the

1389
01:01:32,510 --> 01:01:30,020
events that happen in our lives and

1390
01:01:33,770 --> 01:01:32,520
mysterious connections between these two

1391
01:01:37,010 --> 01:01:33,780
things that seem to be totally

1392
01:01:39,680 --> 01:01:37,020
unconnected but they are happy in any

1393
01:01:42,530 --> 01:01:39,690
case she said that uh Charlie's she's an

1394
01:01:44,599 --> 01:01:42,540
expert oh I'm sorry Mia in any case she

1395
01:01:46,730 --> 01:01:44,609
said that Obama's office was very

1396
01:01:49,790 --> 01:01:46,740
accessible what you see is what you get

1397
01:01:53,180 --> 01:01:49,800
and in the knowledge area of his office

1398
01:01:55,640 --> 01:01:53,190
he had a photograph of Nelson Mandela in

1399
01:01:57,170 --> 01:01:55,650
the what area the knowledge area of his

1400
01:01:59,480 --> 01:01:57,180
office you're not familiar with the

1401
01:02:02,480 --> 01:01:59,490
knowledge area in French we carry on

1402
01:02:04,910 --> 01:02:02,490
okay so this indicates that he's drawing

1403
01:02:06,950 --> 01:02:04,920
on wisdom and in the area of his office

1404
01:02:08,900 --> 01:02:06,960
it relates to reputation he has family

1405
01:02:12,260 --> 01:02:08,910
photos and this is good this gives him a

1406
01:02:14,089 --> 01:02:12,270
good reputation whereas this contrasts

1407
01:02:18,020 --> 01:02:14,099
with McCain his office is cluttered full

1408
01:02:19,970 --> 01:02:18,030
of knickknacks and trinkets and the the

1409
01:02:22,220 --> 01:02:19,980
fact that he has a lot of trinkets

1410
01:02:25,940 --> 01:02:22,230
suggest that his opportunities might get

1411
01:02:28,130 --> 01:02:25,950
stale or never quite a ride isn't it

1412
01:02:30,230 --> 01:02:28,140
amazing just because this was predicted

1413
01:02:31,910 --> 01:02:30,240

a couple of weeks ago and his

1414
01:02:35,900 --> 01:02:31,920
opportunities indeed did not arrive

1415
01:02:38,180 --> 01:02:35,910
imagination in his reputation area of

1416
01:02:40,130 --> 01:02:38,190
his office he has a bust of Teddy

1417
01:02:42,980 --> 01:02:40,140
Roosevelt and so this hints at what type

1418
01:02:44,240 --> 01:02:42,990
of president he will be but she she was

1419
01:02:46,579 --> 01:02:44,250
asked if there was anything they could

1420
01:02:48,650 --> 01:02:46,589
do to improve the Feng Shui to increase

1421
01:02:51,230 --> 01:02:48,660
their chances of gaining office today

1422
01:02:53,329 --> 01:02:51,240
and she said that yes the best thing

1423
01:02:55,609 --> 01:02:53,339
they can do is to place a small fountain

1424
01:02:59,000 --> 01:02:55,619
at the back left corner of their office

1425
01:03:01,760 --> 01:02:59,010
and this if you keep this flowing it

1426
01:03:03,650 --> 01:03:01,770
keeps freshness flowing and it brings in

1427
01:03:05,690 --> 01:03:03,660
money and opportunity but if they both

1428
01:03:07,579 --> 01:03:05,700
did it would not cancel each other out

1429
01:03:09,410 --> 01:03:07,589
well no there was one major difference

1430
01:03:11,960 --> 01:03:09,420
that Taylor man's pointed out and in

1431
01:03:13,849 --> 01:03:11,970
fact this was a disadvantage for Barack

1432
01:03:16,490 --> 01:03:13,859
Obama so I'm not sure she was correct

1433
01:03:18,530 --> 01:03:16,500
about this she said that his desk didn't

1434
01:03:21,680 --> 01:03:18,540
have a wall behind it was sort of in the

1435
01:03:23,660 --> 01:03:21,690
middle of the room and so this could

1436
01:03:26,000 --> 01:03:23,670
lead to backstabbing by his colleagues

1437
01:03:28,849 --> 01:03:26,010
because his back is exposed and there

1438
01:03:31,550 --> 01:03:28,859

was also a door behind his desk here so

1439
01:03:33,410 --> 01:03:31,560
this would lead him to be not supported

1440
01:03:35,120 --> 01:03:33,420
by the people he works with so this

1441
01:03:37,130 --> 01:03:35,130
could still happen i SAT all true you

1442
01:03:41,390 --> 01:03:37,140
should well what does Feng Shui have to

1443
01:03:43,060 --> 01:03:41,400
say about Oval offices that's how many

1444
01:03:45,670 --> 01:03:43,070
pretty complicated that's just I

1445
01:03:50,089 --> 01:03:45,680
understand about you know this the

1446
01:03:52,130 --> 01:03:50,099
spirits and so forth they it seems like

1447
01:03:53,960 --> 01:03:52,140
it would be some some centrifugal or

1448
01:03:56,030 --> 01:03:53,970
kind of a sense but before you are a

1449
01:03:58,550 --> 01:03:56,040
lost English Way going it would be able

1450
01:04:00,290 --> 01:03:58,560
to get out the bad spirits and what

1451
01:04:03,109 --> 01:04:00,300
maybe if you put a founder and I'm in

1452
01:04:04,460 --> 01:04:03,119
one of the office manager after once if

1453
01:04:06,740 --> 01:04:04,470
this is a problem because where would be

1454
01:04:09,310 --> 01:04:06,750
the reputation corner and the you know

1455
01:04:12,220 --> 01:04:09,320
there's no corners in available online

1456
01:04:14,660 --> 01:04:12,230
now I saw something on television

1457
01:04:18,170 --> 01:04:14,670
yesterday in fact which wasn't so funny

1458
01:04:20,540 --> 01:04:18,180
I must say now there's a TV show here in

1459
01:04:22,790 --> 01:04:20,550
Australia called mornings with carrie

1460
01:04:25,099 --> 01:04:22,800
Ann carrie Ann Kennedy has been a TV

1461
01:04:26,930 --> 01:04:25,109
personality and after some years in

1462
01:04:29,660 --> 01:04:26,940
Australia has a morning TV show I think

1463
01:04:32,290 --> 01:04:29,670

primarily aimed at women with this

1464
01:04:34,490 --> 01:04:32,300
cooking their celebrity interviews

1465
01:04:37,730 --> 01:04:34,500
advertorial lots of advertorials that

1466
01:04:42,349 --> 01:04:37,740
sort of thing sometimes it's in depth

1467
01:04:44,870 --> 01:04:42,359
sometimes it's not they tend to have

1468
01:04:47,870 --> 01:04:44,880
psychics on every other week sup like

1469
01:04:49,970 --> 01:04:47,880
that so last week they had two doctors

1470
01:04:52,130 --> 01:04:49,980
come on dr. penny Adams who's a regular

1471
01:04:54,349 --> 01:04:52,140
on the show and dr. Christine Bennett

1472
01:04:56,810 --> 01:04:54,359
and they were both discussing the

1473
01:04:59,420 --> 01:04:56,820
virtues of vaccination as we all know

1474
01:05:00,710 --> 01:04:59,430
would think which is commendable

1475
01:05:03,260 --> 01:05:00,720
absolutely commendable that the show

1476
01:05:05,500 --> 01:05:03,270
like that should to inform young parents

1477
01:05:07,190 --> 01:05:05,510
about the benefits of vaccinations

1478
01:05:10,420 --> 01:05:07,200
unfortunately this caught the attention

1479
01:05:13,520 --> 01:05:10,430
of and wait for this the Australian

1480
01:05:14,800 --> 01:05:13,530
vaccination network now save da

1481
01:05:17,359 --> 01:05:14,810
listeners you might think to yourself

1482
01:05:18,980 --> 01:05:17,369
the Australian vaccination networks

1483
01:05:23,930 --> 01:05:18,990
surely that's a network of people

1484
01:05:28,540 --> 01:05:23,940
interested in promoting vaccinations no

1485
01:05:31,430 --> 01:05:28,550
no it's a group of people interested in

1486
01:05:31,910 --> 01:05:31,440
eliminating vaccinations although they

1487
01:05:34,760 --> 01:05:31,920
won't

1488
01:05:36,620 --> 01:05:34,770

come out and say that they pretend what

1489
01:05:40,910 --> 01:05:36,630
they say is all we just want to give

1490
01:05:42,620 --> 01:05:40,920
parents information and choice that's

1491
01:05:44,329 --> 01:05:42,630
all we want to do but of course the

1492
01:05:47,660 --> 01:05:44,339
information they give the parents's do

1493
01:05:50,960 --> 01:05:47,670
not vaccinate this goes to extremes I a

1494
01:05:53,480 --> 01:05:50,970
couple years back i attended a talk

1495
01:05:56,329 --> 01:05:53,490
given by these people some of the claims

1496
01:06:00,230 --> 01:05:56,339
on stage by the various speakers they

1497
01:06:04,640 --> 01:06:00,240
had were that vaccinations is a plot by

1498
01:06:08,089 --> 01:06:04,650
Western governments to depopulate third

1499
01:06:12,170 --> 01:06:08,099
world I kid you not and their evidence

1500
01:06:14,030 --> 01:06:12,180
is from where Richard other conspiracy

1501
01:06:17,829 --> 01:06:14,040
theory restigouche is the Big Pharma

1502
01:06:21,650 --> 01:06:17,839
conspiracy event and also that most ills

1503
01:06:24,950 --> 01:06:21,660
in hospital emergency wards can be

1504
01:06:26,750 --> 01:06:24,960
treated by intravenous vitamin C yeah I

1505
01:06:27,650 --> 01:06:26,760
see you mentioned that to me days ago

1506
01:06:29,359 --> 01:06:27,660
and I thought that was really

1507
01:06:31,670 --> 01:06:29,369
interesting so next time I turn up with

1508
01:06:34,760 --> 01:06:31,680
an amputated limb yes to emergency

1509
01:06:37,339 --> 01:06:34,770
vitamin C I'll just infiltrate sonata in

1510
01:06:43,819 --> 01:06:37,349
C one speaker also told us that we can

1511
01:06:46,910 --> 01:06:43,829
use homeopathy to vaccinate I beg your

1512
01:06:49,069 --> 01:06:46,920
pardon yes but then the next speaker

1513
01:06:51,980 --> 01:06:49,079

speaker shortly thereafter said you

1514
01:06:53,390 --> 01:06:51,990
couldn't use homeopathy to vaccinate so

1515
01:06:54,950 --> 01:06:53,400
they can't even get that story I can't

1516
01:06:58,510 --> 01:06:54,960
even get their story straight these

1517
01:07:01,549 --> 01:06:58,520
people are set so what happened was

1518
01:07:03,710 --> 01:07:01,559
these people bombarded because they're

1519
01:07:05,539 --> 01:07:03,720
religious idiots they bombarded the TV

1520
01:07:07,069 --> 01:07:05,549
show saying oh no you have to have to

1521
01:07:09,140 --> 01:07:07,079
present both sides of the story you know

1522
01:07:11,299 --> 01:07:09,150
vaccinations are able to see just a

1523
01:07:13,609 --> 01:07:11,309
vindictive they treat it like a religion

1524
01:07:15,650 --> 01:07:13,619
I mean the only thing you can compare it

1525
01:07:17,720 --> 01:07:15,660
to is just a case of fun wireless fight

1526
01:07:19,549 --> 01:07:17,730
it's faith it's made based on ever it's

1527
01:07:22,670 --> 01:07:19,559
based on pure emotion and anger and

1528
01:07:25,760 --> 01:07:22,680
faith absolutely yeah so the carrion

1529
01:07:28,250 --> 01:07:25,770
people had on one Merrill Dory from the

1530
01:07:29,770 --> 01:07:28,260
Australian vaccination network and Penny

1531
01:07:32,470 --> 01:07:29,780
Adams the good good

1532
01:07:34,770 --> 01:07:32,480
penny adams and merrill dory on carrie

1533
01:07:37,810 --> 01:07:34,780
Ann came up with the most outrageous

1534
01:07:39,310 --> 01:07:37,820
rubbish about what vaccinations do yeah

1535
01:07:42,190 --> 01:07:39,320
and the fact that they're not based on

1536
01:07:43,720 --> 01:07:42,200
science and they don't work and Penny

1537
01:07:47,260 --> 01:07:43,730
Adams is sort of sitting there with this

1538
01:07:50,200 --> 01:07:47,270

look of just amuse Madonna face but the

1539
01:07:52,180 --> 01:07:50,210
trouble is it gave this rat bag from the

1540
01:07:55,000 --> 01:07:52,190
exfoliant vaccination network airtime

1541
01:07:58,360 --> 01:07:55,010
which was very bad and also they had on

1542
01:08:00,610 --> 01:07:58,370
the line we have an ex nurse who gave

1543
01:08:02,500 --> 01:08:00,620
her story about how she didn't vaccinate

1544
01:08:05,380 --> 01:08:02,510
her kids and her kids are fine he

1545
01:08:07,480 --> 01:08:05,390
shouldn't vaccinate yes so this nurse

1546
01:08:08,710 --> 01:08:07,490
they had on was who probably was a nurse

1547
01:08:12,040 --> 01:08:08,720
at some stage I have no reason to doubt

1548
01:08:13,210 --> 01:08:12,050
that According to Pete about it she was

1549
01:08:14,680 --> 01:08:13,220
our current president in the Australian

1550
01:08:17,559 --> 01:08:14,690
skeptics and has done some research on

1551
01:08:20,530 --> 01:08:17,569
this thing what's in fact now naturopath

1552
01:08:23,230 --> 01:08:20,540
I say you see ya and you know what the

1553
01:08:26,380 --> 01:08:23,240
ND after naturopath stands for not a

1554
01:08:28,630 --> 01:08:26,390
doctor exactly right now Rachel I know

1555
01:08:30,579 --> 01:08:28,640
you've heard this interview yes I heard

1556
01:08:32,349 --> 01:08:30,589
this interview which they then I'm so

1557
01:08:36,130 --> 01:08:32,359
pleased you sent meetings thank you so

1558
01:08:38,620 --> 01:08:36,140
much I was really really angry and this

1559
01:08:40,570 --> 01:08:38,630
woman the anti-vaccination woman she

1560
01:08:42,670 --> 01:08:40,580
uses the technique that many alternative

1561
01:08:45,070 --> 01:08:42,680
therapists and you know believers use

1562
01:08:47,230 --> 01:08:45,080
and that is to just bombard you with

1563
01:08:48,970 --> 01:08:47,240

information so she was just going a mile

1564
01:08:51,550 --> 01:08:48,980
a minute just spitting out all this

1565
01:08:54,309 --> 01:08:51,560
stuff yeah but it was it was difficult

1566
01:08:57,430 --> 01:08:54,319
to keep up with her until she said this

1567
01:08:59,380 --> 01:08:57,440
is not based on science and I've

1568
01:09:01,660 --> 01:08:59,390
realized then I already knew that she

1569
01:09:03,849 --> 01:09:01,670
was an idiot but at this point I thought

1570
01:09:05,559 --> 01:09:03,859
was she got absolutely no clue what

1571
01:09:07,870 --> 01:09:05,569
she's talking about does she know

1572
01:09:10,900 --> 01:09:07,880
anything about how vaccinations are

1573
01:09:12,460 --> 01:09:10,910
designed and how they came to be they

1574
01:09:13,900 --> 01:09:12,470
keep trotting out the same it's like

1575
01:09:15,789 --> 01:09:13,910
creationists they keep trotting out the

1576
01:09:17,559 --> 01:09:15,799
same line again and again and again now

1577
01:09:19,150 --> 01:09:17,569
yeah but what do you mean they're not

1578
01:09:20,500 --> 01:09:19,160
based on science of course they're based

1579
01:09:22,510 --> 01:09:20,510
on science they're based on how the

1580
01:09:25,660 --> 01:09:22,520
immune system functions yeah and they're

1581
01:09:28,090 --> 01:09:25,670
designed to treat to stop invading

1582
01:09:29,710 --> 01:09:28,100
pathogen no I don't get it how are we

1583
01:09:32,530 --> 01:09:29,720
supposed to deal with people like this

1584
01:09:34,660 --> 01:09:32,540
who wish to inflict great harm on

1585
01:09:36,220 --> 01:09:34,670
children and babies it's really

1586
01:09:39,010 --> 01:09:36,230
difficult it's really difficult not to

1587
01:09:41,260 --> 01:09:39,020
get completely hysterically angry at

1588
01:09:44,280 --> 01:09:41,270

quite frankly look why we've been

1589
01:09:48,039 --> 01:09:44,290
chatting kylie is is about to join us

1590
01:09:49,990 --> 01:09:48,049
all the way through hello Kylie hello

1591
01:09:51,610 --> 01:09:50,000
hello and happy election time I know

1592
01:09:53,440 --> 01:09:51,620
with all the stories that have been

1593
01:09:55,780 --> 01:09:53,450
going on about the wonderful news for

1594
01:09:57,460 --> 01:09:55,790
the American election yes we've talked

1595
01:09:59,380 --> 01:09:57,470
about we're very excited about that

1596
01:10:01,810 --> 01:09:59,390
Colleen it's good news is very good news

1597
01:10:04,930 --> 01:10:01,820
well one of the things that I had been

1598
01:10:07,750 --> 01:10:04,940
researching for quite some time involved

1599
01:10:09,520 --> 01:10:07,760
superstitions and although this is from

1600
01:10:11,770 --> 01:10:09,530
a paper that was published in cortex

1601
01:10:14,230 --> 01:10:11,780
back earlier this year in fact it was

1602
01:10:15,760 --> 01:10:14,240
published in june it is about dr.

1603
01:10:17,920 --> 01:10:15,770
christopher french and several other

1604
01:10:22,990 --> 01:10:17,930
researchers look into creating your own

1605
01:10:27,370 --> 01:10:23,000
haunted house yes and it's only just

1606
01:10:29,260 --> 01:10:27,380
sort of hit the main press only recently

1607
01:10:31,120 --> 01:10:29,270
but possibly due to the fact that it's

1608
01:10:33,610 --> 01:10:31,130
been halloween not so long ago oh yes

1609
01:10:35,830 --> 01:10:33,620
again and so researchers from Goldsmiths

1610
01:10:38,860 --> 01:10:35,840
College in UK actually attempted to

1611
01:10:40,870 --> 01:10:38,870
build a haunted room and in order so you

1612
01:10:43,150 --> 01:10:40,880
see what they might be able to find they

1613
01:10:45,760 --> 01:10:43,160

outfitted a room with EMF and infrasound

1614
01:10:47,560 --> 01:10:45,770
generators and then test subjects into

1615
01:10:50,170 --> 01:10:47,570
the haunted room and try to figure out

1616
01:10:52,600 --> 01:10:50,180
what their reactions might be oh don't

1617
01:10:54,730 --> 01:10:52,610
leave us in suspense what yeah what

1618
01:10:57,730 --> 01:10:54,740
happened Carly well I well apparently

1619
01:10:58,930 --> 01:10:57,740
most reported some unusual sensations

1620
01:11:01,720 --> 01:10:58,940
but there wasn't really much of a

1621
01:11:03,610 --> 01:11:01,730
correlation between feeling feelings are

1622
01:11:05,860 --> 01:11:03,620
being haunted and the presence of EMF

1623
01:11:07,660 --> 01:11:05,870
whimper sound or like others the case

1624
01:11:10,180 --> 01:11:07,670
may be obviously they tried to do it in

1625
01:11:11,490 --> 01:11:10,190
a experimental setup and they said

1626
01:11:14,410 --> 01:11:11,500
they're probably most of the unusual

1627
01:11:16,300 --> 01:11:14,420
situation said they felt any sensations

1628
01:11:18,940 --> 01:11:16,310
they went through a probably just

1629
01:11:20,680 --> 01:11:18,950
suggestion just bits expecting to do

1630
01:11:23,620 --> 01:11:20,690
something after being told pre

1631
01:11:26,230 --> 01:11:23,630
experiment and it was probably just got

1632
01:11:28,540 --> 01:11:26,240
old temporal lobe ability of here is

1633
01:11:31,300 --> 01:11:28,550
about taking in and saying this is scary

1634
01:11:32,680 --> 01:11:31,310
Oh Carly can you please um for our

1635
01:11:34,840 --> 01:11:32,690
listeners who may not have caught up

1636
01:11:36,790 --> 01:11:34,850
with this two bits of information I

1637
01:11:38,950 --> 01:11:36,800
wonder if you can fill them in the first

1638
01:11:39,990 --> 01:11:38,960

one is our friend and colleague and

1639
01:11:42,150 --> 01:11:40,000
infinite bill

1640
01:11:45,510 --> 01:11:42,160
I might need our help and also the

1641
01:11:47,760 --> 01:11:45,520
latest news on stop Sylvia Browne yes

1642
01:11:51,390 --> 01:11:47,770
well first of all stop so we are brown

1643
01:11:53,430 --> 01:11:51,400
the website has changed and everyone who

1644
01:11:55,740 --> 01:11:53,440
has ever blogged about it sent it by

1645
01:11:57,990 --> 01:11:55,750
email or possibly even want to recommend

1646
01:12:01,170 --> 01:11:58,000
it to people this new site that they

1647
01:12:03,390 --> 01:12:01,180
have to go to is stop Sylvia dot-com

1648
01:12:06,930 --> 01:12:03,400
it's as simple as that and unfortunately

1649
01:12:09,750 --> 01:12:06,940
it's due to a situation where the

1650
01:12:12,180 --> 01:12:09,760
ownership of the original site which is

1651
01:12:16,740 --> 01:12:12,190
no one there going to be active that is

1652
01:12:19,470 --> 01:12:16,750
the stop Sylvia Browne site rather silly

1653
01:12:21,300 --> 01:12:19,480
person thought that they do the doozy

1654
01:12:24,660 --> 01:12:21,310
whilst Robert Lancaster was unwell and

1655
01:12:26,490 --> 01:12:24,670
snap it up whilst it was on really up

1656
01:12:29,130 --> 01:12:26,500
for sale since the army hadn't been

1657
01:12:31,170 --> 01:12:29,140
renewed unfortunately they take the

1658
01:12:33,180 --> 01:12:31,180
rather odd mistake of thinking that once

1659
01:12:34,650 --> 01:12:33,190
you have the site the traffic's going to

1660
01:12:36,390 --> 01:12:34,660
come with it and of course that's just

1661
01:12:38,190 --> 01:12:36,400
not going to happen malysh you have the

1662
01:12:41,460 --> 01:12:38,200
sort of quality material that Robert

1663
01:12:44,400 --> 01:12:41,470

Lancaster was putting out about psychics

1664
01:12:46,230 --> 01:12:44,410
of questioning so we are Browns tactics

1665
01:12:48,150 --> 01:12:46,240
as it were people just aren't going to

1666
01:12:51,060 --> 01:12:48,160
be interested and so people have now

1667
01:12:55,230 --> 01:12:51,070
begun to quite definitely move towards

1668
01:12:56,850 --> 01:12:55,240
stop Sylvia calm and I think it's sort

1669
01:12:58,110 --> 01:12:56,860
of a bit of an egg on the face for the

1670
01:12:59,940 --> 01:12:58,120
fellow who thought that he might be able

1671
01:13:02,250 --> 01:12:59,950
to get all that traffic because people

1672
01:13:04,530 --> 01:13:02,260
are now going to be seeking sensible

1673
01:13:07,350 --> 01:13:04,540
resources and advice in regards to how

1674
01:13:10,260 --> 01:13:07,360
to deal with Sylvia Browns claims on

1675
01:13:12,600 --> 01:13:10,270
stop Soviet calm so the message is if

1676
01:13:16,080 --> 01:13:12,610
you previously if you've linked to stop

1677
01:13:20,340 --> 01:13:16,090
Sylvia Browne calm now yealink to stop

1678
01:13:22,860 --> 01:13:20,350
Sylvia calm now the infidel guy working

1679
01:13:25,230 --> 01:13:22,870
jealous Oh infidel guy i'm currently

1680
01:13:26,640 --> 01:13:25,240
looking over his web page at the moment

1681
01:13:28,230 --> 01:13:26,650
in order to see whether or not the

1682
01:13:31,530 --> 01:13:28,240
formal message that was put up there

1683
01:13:33,900 --> 01:13:31,540
than before still remained but i cannot

1684
01:13:35,880 --> 01:13:33,910
seem to find it but what I do know is

1685
01:13:38,700 --> 01:13:35,890
that the Imperial guy like many people

1686
01:13:40,860 --> 01:13:38,710
in the current financial problems that

1687
01:13:43,020 --> 01:13:40,870
are happening over in America is one of

1688
01:13:45,300 --> 01:13:43,030

the people who would like to continue on

1689
01:13:48,960 --> 01:13:45,310
his show which you can find an evil guy

1690
01:13:50,359 --> 01:13:48,970
show on infidel guide com but he's still

1691
01:13:52,219 --> 01:13:50,369
looking for additional funding

1692
01:13:54,889 --> 01:13:52,229
because many people had let their gold

1693
01:13:56,209 --> 01:13:54,899
membership lapse and of course it makes

1694
01:13:58,819 --> 01:13:56,219
it really difficult for someone who is

1695
01:14:00,259 --> 01:13:58,829
making a living from these podcast and

1696
01:14:02,509 --> 01:14:00,269
for the material that it puts out there

1697
01:14:04,250 --> 01:14:02,519
to essentially maintain the lifestyle

1698
01:14:06,500 --> 01:14:04,260
and certainly to raise a family which is

1699
01:14:08,989 --> 01:14:06,510
what this man does so if people could

1700
01:14:11,839 --> 01:14:08,999
possibly find it in themselves to donate

1701
01:14:14,179 --> 01:14:11,849
to join up and get a gold membership in

1702
01:14:15,529 --> 01:14:14,189
order to subscribe to some excellent

1703
01:14:17,509 --> 01:14:15,539
material that he's been putting out

1704
01:14:19,339 --> 01:14:17,519
there suddenly he's been a long-standing

1705
01:14:21,409 --> 01:14:19,349
member of the Atheist community in

1706
01:14:23,600 --> 01:14:21,419
America it would certainly help him out

1707
01:14:26,719 --> 01:14:23,610
and that's on in padova infidel guide

1708
01:14:30,350 --> 01:14:26,729
com but isn't here one of the original

1709
01:14:33,619 --> 01:14:30,360
skeptical atheist podcasters to do that

1710
01:14:35,750 --> 01:14:33,629
here's one of the first row absolute my

1711
01:14:37,489 --> 01:14:35,760
girl first I must have it that I first

1712
01:14:39,619 --> 01:14:37,499
heard about it when I was getting into

1713
01:14:41,389 --> 01:14:39,629

skeptic ality and I believe that there's

1714
01:14:43,939 --> 01:14:41,399
an excellent interview featuring with

1715
01:14:46,779 --> 01:14:43,949
him on there from several years back hmm

1716
01:14:51,709 --> 01:14:46,789
yeah now that here's the same way

1717
01:14:53,149 --> 01:14:51,719
speaking about donating listeners may be

1718
01:14:55,489 --> 01:14:53,159
interested to know and if you go

1719
01:14:57,319 --> 01:14:55,499
descriptives own TV there's a link I'm

1720
01:14:59,779 --> 01:14:57,329
actually growing in the stash at the

1721
01:15:03,379 --> 01:14:59,789
moment for medical research he is yes I

1722
01:15:06,199 --> 01:15:03,389
love for Movember they call it Movember

1723
01:15:09,259 --> 01:15:06,209
and if you go to the link you can see a

1724
01:15:11,149 --> 01:15:09,269
daily photograph of life it's we kept

1725
01:15:13,339 --> 01:15:11,159
missing my mustache slowly growing up

1726
01:15:15,529 --> 01:15:13,349
regretting everything bad because of the

1727
01:15:18,109 --> 01:15:15,539
very generous donations by some of our

1728
01:15:19,909 --> 01:15:18,119
listeners and friends I read them

1729
01:15:21,949 --> 01:15:19,919
achieved a certain milestone and they

1730
01:15:26,239 --> 01:15:21,959
moved then the people sent me a little

1731
01:15:31,669 --> 01:15:26,249
shaving kit and here is what will be

1732
01:15:33,350 --> 01:15:31,679
inside razor and don't forget without a

1733
01:15:35,959 --> 01:15:33,360
week to tell our listeners that Movember

1734
01:15:37,580 --> 01:15:35,969
is an international event you so our

1735
01:15:40,759 --> 01:15:37,590
international business can also

1736
01:15:45,159 --> 01:15:40,769
subscribe and donate to Richard that

1737
01:15:49,159 --> 01:15:45,169
please do this what's a nicely for which

1738
01:15:51,080 --> 01:15:49,169

is remote so charities okay I've got a

1739
01:15:53,330 --> 01:15:51,090
little card here look fold-out piece of

1740
01:15:56,509 --> 01:15:53,340
paper that's come with it and it's for

1741
01:15:57,950 --> 01:15:56,519
prostate research and beyond for energy

1742
01:16:11,090 --> 01:15:57,960
on

1743
01:16:13,970 --> 01:16:11,100
this worthy cause it's really worthy

1744
01:16:15,560 --> 01:16:13,980
it's a really big also submission this

1745
01:16:20,110 --> 01:16:15,570
me we're gonna have to put down flipper

1746
01:16:23,720 --> 01:16:20,120
so high it's a tight it's 22 tiny little

1747
01:16:26,300 --> 01:16:23,730
comb in this shape of a mustache so you

1748
01:16:28,729 --> 01:16:26,310
can comb your dash and a little mirror

1749
01:16:30,860 --> 01:16:28,739
so you can watch the stash at the same

1750
01:16:32,090 --> 01:16:30,870
time so that's just wonderful don't

1751
01:16:34,160 --> 01:16:32,100
worry if there's I'll get a photograph

1752
01:16:35,479 --> 01:16:34,170
of that and put it on the west why don't

1753
01:16:38,360 --> 01:16:35,489
you take a photograph right now there we

1754
01:16:41,180 --> 01:16:38,370
go she's going to a camera here we go a

1755
01:16:43,820 --> 01:16:41,190
little mustache on my my my staff now

1756
01:16:46,640 --> 01:16:43,830
the mirror and yeah it's not really my

1757
01:16:52,000 --> 01:16:46,650
status it's a sort of a glorified

1758
01:16:55,459 --> 01:16:52,010
three-day growth oh oh he's trying

1759
01:16:59,270 --> 01:16:55,469
understand your comment it going cuz it

1760
01:17:01,040 --> 01:16:59,280
much too quickly Darius at the moment I

1761
01:17:03,470 --> 01:17:01,050
must appease even though we're not as

1762
01:17:05,420 --> 01:17:03,480
popular as the photo guy and we haven't

1763
01:17:08,540 --> 01:17:05,430

really got thousands of people joining

1764
01:17:09,620 --> 01:17:08,550
up my cam stops all Viacom I think that

1765
01:17:13,190 --> 01:17:09,630
we should probably get more and more

1766
01:17:15,110 --> 01:17:13,200
people checking out skeptics own TV just

1767
01:17:16,700 --> 01:17:15,120
to check out our very unique page

1768
01:17:20,290 --> 01:17:16,710
which now seems that everything from

1769
01:17:24,110 --> 01:17:20,300
camels using Richard space being kind

1770
01:17:26,840 --> 01:17:24,120
that's right let's let's let's keep

1771
01:17:29,180 --> 01:17:26,850
putting up as many ridiculous photo

1772
01:17:32,180 --> 01:17:29,190
closest to be defense that would be

1773
01:17:34,670 --> 01:17:32,190
tremendous you know my donate to see

1774
01:17:36,770 --> 01:17:34,680
Richard some progress isn't where he'll

1775
01:17:38,180 --> 01:17:36,780
like it and actually at the end of the

1776
01:17:40,010 --> 01:17:38,190
month we can all see you on the big

1777
01:17:41,680 --> 01:17:40,020
screen with the mustache very similar to

1778
01:17:44,950 --> 01:17:41,690
the one you grow now is where it right

1779
01:17:47,650 --> 01:17:44,960
yes listeners me may be interested if

1780
01:17:48,939 --> 01:17:47,660
you go to see the new movie Australia

1781
01:17:51,100 --> 01:17:48,949
which is opening at the end of month

1782
01:17:52,479 --> 01:17:51,110
around the world starring hugh jackman

1783
01:17:55,360 --> 01:17:52,489
and nicole kidman and host of other

1784
01:17:57,160 --> 01:17:55,370
stars you can possibly spot me towards

1785
01:18:00,030 --> 01:17:57,170
the end of the movie and when there's a

1786
01:18:02,620 --> 01:18:00,040
dancing sing yes the dances then I do

1787
01:18:04,540 --> 01:18:02,630
it's a bit strange and some shots I'll

1788
01:18:05,950 --> 01:18:04,550

have a mustache and sash some shots I

1789
01:18:08,070 --> 01:18:05,960
won't but anyway that's another story

1790
01:18:10,180 --> 01:18:08,080
I'd like to give a big shout out now

1791
01:18:11,500 --> 01:18:10,190
moving right along with the think tank

1792
01:18:13,390 --> 01:18:11,510
I'd like to give a big shout out to a

1793
01:18:16,840 --> 01:18:13,400
very dear friend of ours Elaine Gilman

1794
01:18:20,260 --> 01:18:16,850
who is in denver colorado and she runs

1795
01:18:23,350 --> 01:18:20,270
the Denver skeptics now friends in

1796
01:18:25,209 --> 01:18:23,360
listening in Denver you can find out

1797
01:18:28,180 --> 01:18:25,219
more about the Denver skeptics by going

1798
01:18:32,740 --> 01:18:28,190
to meetup com and simply doing a search

1799
01:18:34,689 --> 01:18:32,750
on Denver skeptics I know Kylie um last

1800
01:18:37,060 --> 01:18:34,699
year I think it was last year in the old

1801
01:18:39,490 --> 01:18:37,070
tank of vodcast will certainly put a

1802
01:18:40,689 --> 01:18:39,500
link to this story on the blog it was

1803
01:18:43,300 --> 01:18:40,699
actually at the beginning of this year

1804
01:18:45,550 --> 01:18:43,310
that it seems so long ago look like

1805
01:18:47,680 --> 01:18:45,560
really revisit it that's sad but you

1806
01:18:51,400 --> 01:18:47,690
interviewed a very famous and funny man

1807
01:18:53,530 --> 01:18:51,410
by the name of Tim Minchin yes yes

1808
01:18:54,880 --> 01:18:53,540
that's wonderful and in fact to those

1809
01:18:58,000 --> 01:18:54,890
people in Australia who had the

1810
01:19:00,400 --> 01:18:58,010
opportunity to watch a most recent

1811
01:19:02,050 --> 01:19:00,410
episode of Andrew Denton's enough rope

1812
01:19:04,660 --> 01:19:02,060
they would have seen him as one of the

1813
01:19:07,000 --> 01:19:04,670

featured interviewees I saw him he was

1814
01:19:08,830 --> 01:19:07,010
very entertaining he's a skeptical

1815
01:19:12,189 --> 01:19:08,840
comedians new phone now what's that one

1816
01:19:15,840 --> 01:19:12,199
Rachel's at a 747 or 737 air box

1817
01:19:19,330 --> 01:19:15,850
probably a nice refer to something

1818
01:19:24,530 --> 01:19:21,770
Sonny look to it

1819
01:19:27,860 --> 01:19:24,540
sorry right sorry Carly tell me about

1820
01:19:32,369 --> 01:19:30,839
Wow

1821
01:19:35,189 --> 01:19:32,379
that's what I live with that's what

1822
01:19:37,109 --> 01:19:35,199
happened sorry Carly you were saying to

1823
01:19:39,029 --> 01:19:37,119
mention yes not enough rope however if I

1824
01:19:40,439 --> 01:19:39,039
start for the Midway their identity yes

1825
01:19:42,330 --> 01:19:40,449
those people in Australia who are

1826
01:19:43,830 --> 01:19:42,340
fortunate enough to see enough rope

1827
01:19:46,469 --> 01:19:43,840
recently which is Andrew Denton's

1828
01:19:48,000 --> 01:19:46,479
interview show his chat show they would

1829
01:19:50,729 --> 01:19:48,010
have seen technician of here is one of

1830
01:19:52,349 --> 01:19:50,739
the very first guests and not only did

1831
01:19:54,509 --> 01:19:52,359
he hopped back to Australia in order to

1832
01:19:56,790 --> 01:19:54,519
do that interview especially it's going

1833
01:19:58,859 --> 01:19:56,800
to be touring next year around about

1834
01:20:01,799 --> 01:19:58,869
March and tickets are selling already so

1835
01:20:03,659 --> 01:20:01,809
people should jump on and grab them

1836
01:20:05,429 --> 01:20:03,669
whilst they're going because already

1837
01:20:07,560 --> 01:20:05,439
I've noticed that people have started

1838
01:20:10,259 --> 01:20:07,570

nothing about how they're getting seats

1839
01:20:11,819 --> 01:20:10,269
in the middle range and the show is

1840
01:20:13,619 --> 01:20:11,829
happening in knives and tickets are

1841
01:20:15,540 --> 01:20:13,629
selling now so those popular straily I

1842
01:20:17,729 --> 01:20:15,550
should certainly check out our Tim

1843
01:20:20,580 --> 01:20:17,739
Minchin site which i believe is tanisha

1844
01:20:23,250 --> 01:20:20,590
calm party here yes I thought atheist

1845
01:20:24,419 --> 01:20:23,260
comedian isn't he and he was I saw that

1846
01:20:26,669 --> 01:20:24,429
interview on monday and he was

1847
01:20:28,619 --> 01:20:26,679
mentioning the fact that he has a go at

1848
01:20:31,379 --> 01:20:28,629
religion on stage and when he was an

1849
01:20:33,619 --> 01:20:31,389
Embera recently I had someone come and

1850
01:20:37,049 --> 01:20:33,629
threaten him because he'd made some

1851
01:20:39,659 --> 01:20:37,059
comments about beliefs or something is

1852
01:20:41,849 --> 01:20:39,669
that funny yes yes it certainly tried

1853
01:20:43,739 --> 01:20:41,859
that he makes a couple question but he's

1854
01:20:45,689 --> 01:20:43,749
a comedian and one of the things that he

1855
01:20:48,540 --> 01:20:45,699
tries to do is make people think he does

1856
01:20:50,699 --> 01:20:48,550
want to be insulting or certainly

1857
01:20:53,040 --> 01:20:50,709
there's not one of the way our comedians

1858
01:20:55,500 --> 01:20:53,050
who are doing a chest to shock he's

1859
01:20:57,839 --> 01:20:55,510
intellectual and he is certainly very

1860
01:21:00,270 --> 01:20:57,849
well known among skeptic circles simply

1861
01:21:02,069 --> 01:21:00,280
for one of his popular songs called if

1862
01:21:05,750 --> 01:21:02,079
you open your mind too much your brain

1863
01:21:08,399 --> 01:21:05,760

will fall out using rackets take my wife

1864
01:21:10,979 --> 01:21:08,409
yes so I would also encourage our

1865
01:21:12,989 --> 01:21:10,989
Australian asst to visit Tim mentions

1866
01:21:15,000 --> 01:21:12,999
website and and certainly get along to

1867
01:21:16,830 --> 01:21:15,010
see the show well thank you Kylie

1868
01:21:21,209 --> 01:21:16,840
Sturgis for for joining us like a

1869
01:21:23,219 --> 01:21:21,219
hologram why thank you Richard Saunders

1870
01:21:25,169 --> 01:21:23,229
I guess I'll just hop into the sixth

1871
01:21:27,299 --> 01:21:25,179
dimension here she's looking off into a

1872
01:21:28,949 --> 01:21:27,309
phase of cotton the only thing she

1873
01:21:31,349 --> 01:21:28,959
doesn't have amanda is that little

1874
01:21:33,599 --> 01:21:31,359
circle of red line you need to be

1875
01:21:35,040 --> 01:21:33,609
floating on something and being in

1876
01:21:36,550 --> 01:21:35,050
enough if she's moving too much you

1877
01:21:38,890 --> 01:21:36,560
should over arm straight down as

1878
01:21:40,990 --> 01:21:38,900
and Biggio mangroves for joining spores

1879
01:21:43,210 --> 01:21:41,000
and thank you dr. Rachel Dunlop for

1880
01:21:45,220 --> 01:21:43,220
letting us use your wonderful room here

1881
01:21:48,460 --> 01:21:45,230
with a stunning view of the it's

1882
01:21:51,040 --> 01:21:48,470
stunning in your welcome anytime in a

1883
01:21:54,690 --> 01:21:51,050
car going outside so that's cheers and

1884
01:21:58,120 --> 01:21:54,700
jeers ntsc akari hologram woman

1885
01:22:00,250 --> 01:21:58,130
absolutely receive nice we'll see you or

1886
01:22:19,669 --> 01:22:00,260
you'll hear us i should say in a couple

1887
01:22:24,140 --> 01:22:22,250
Richard it gives me such great pleasure

1888
01:22:25,910 --> 01:22:24,150

to be part of the skeptic zone and part

1889
01:22:27,949 --> 01:22:25,920
of creation I love being part of

1890
01:22:29,660 --> 01:22:27,959
creation stuff are just to be able to

1891
01:22:32,390 --> 01:22:29,670
get such a podcast as we've just

1892
01:22:34,459 --> 01:22:32,400
produced it's just been amazing what a

1893
01:22:36,770 --> 01:22:34,469
great show that what a great show that

1894
01:22:39,109 --> 01:22:36,780
was fun i really enjoy that I enjoyed

1895
01:22:40,459 --> 01:22:39,119
meeting Eugenie Scott once again and

1896
01:22:42,350 --> 01:22:40,469
Paul Willis and talking to the other

1897
01:22:44,089 --> 01:22:42,360
people so you know what I think we'll

1898
01:22:46,279 --> 01:22:44,099
have to do it all over again in two

1899
01:22:47,899 --> 01:22:46,289
weeks I think we will once again the

1900
01:22:50,149 --> 01:22:47,909
skeptic zone has been an action-packed

1901
01:22:51,979 --> 01:22:50,159
and fun-filled well well and by the way

1902
01:22:53,569 --> 01:22:51,989
everyone thanks for listening it's been

1903
01:22:55,910 --> 01:22:53,579
it's been really good to see all the

1904
01:22:57,649 --> 01:22:55,920
feedback and you have lots of great sort

1905
01:23:00,620 --> 01:22:57,659
of reports and stats coming through on

1906
01:23:02,810 --> 01:23:00,630
the podcast yeah yeah we're gangbusters

1907
01:23:04,969 --> 01:23:02,820
at the moment thanks and if everybody

1908
01:23:06,199 --> 01:23:04,979
could just tell one friend or even two

1909
01:23:08,929 --> 01:23:06,209
enemies about the show would be

1910
01:23:10,160 --> 01:23:08,939
delighted yeah we want to convert a few

1911
01:23:12,199 --> 01:23:10,170
people we don't want to preach to the

1912
01:23:13,910 --> 01:23:12,209
converted creationists to come and

1913
01:23:17,000 --> 01:23:13,920

listen to us I hope they down come on

1914
01:23:18,649 --> 01:23:17,010
down craziness all right oh well thanks

1915
01:23:20,779 --> 01:23:18,659
a lot reach it will see you see you next

1916
01:23:25,209 --> 01:23:20,789
week or next 49 in two weeks time see

1917
01:23:31,270 --> 01:23:27,250
you've been listening to the skeptic

1918
01:23:35,020 --> 01:23:31,280
zone visit our website at www skeptics

1919
01:23:38,640 --> 01:23:35,030
on TV for comments contacts and extra

1920
01:23:38,650 --> 01:23:49,600
scanty