

1  
00:00:06,139 --> 00:00:13,689  
welcome to the skeptic zone the podcast

2  
00:00:09,109 --> 00:00:13,689  
from Australia for science and reason

3  
00:00:22,739 --> 00:00:30,309  
hello and welcome to the skeptics are an

4  
00:00:25,539 --> 00:00:34,509  
episode number what is it 390 Oh 400 not

5  
00:00:30,309 --> 00:00:36,100  
far away for the tenth of April 2016

6  
00:00:34,509 --> 00:00:38,710  
Richard Saunders here with you from

7  
00:00:36,100 --> 00:00:40,660  
Sydney Australia now before we get

8  
00:00:38,710 --> 00:00:43,600  
started those of you who have downloaded

9  
00:00:40,659 --> 00:00:45,878  
this episode on to your iDevice all your

10  
00:00:43,600 --> 00:00:49,840  
whatever device you have or if you're

11  
00:00:45,878 --> 00:00:52,570  
just listening to it via the website wwc

12  
00:00:49,840 --> 00:00:55,480  
a petting zoo TV if you look at the

13  
00:00:52,570 --> 00:00:59,649  
image the image for this week's show

14  
00:00:55,479 --> 00:01:02,559  
it's a really good caricature of our ace

15  
00:00:59,649 --> 00:01:06,969  
reporter Maynard and this caricature was

16  
00:01:02,560 --> 00:01:09,129  
done by the fabulous Celestia ward now I

17  
00:01:06,969 --> 00:01:12,399  
meant Celestia one of the amazing

18  
00:01:09,129 --> 00:01:15,759  
meetings a few years back and I was so

19  
00:01:12,399 --> 00:01:18,460  
impressed by her artistic talent when I

20  
00:01:15,759 --> 00:01:21,879  
saw some caricatures she had created

21  
00:01:18,459 --> 00:01:23,489  
that I asked her very nicely if I might

22  
00:01:21,879 --> 00:01:26,109  
have one and she did one for me and

23  
00:01:23,489 --> 00:01:29,219  
recently she's done one form a night and

24  
00:01:26,109 --> 00:01:33,340  
wow it's just fantastic and may not has

25  
00:01:29,219 --> 00:01:35,829  
just thrilled to bits with it so if you

26  
00:01:33,340 --> 00:01:40,868  
want one of the best caricature artists

27  
00:01:35,829 --> 00:01:44,769  
out there head to ww2 that's the numeral

28  
00:01:40,868 --> 00:01:47,859  
two two heads studio com to find out

29

00:01:44,769 --> 00:01:50,920  
more and a big thank you Celestia it's

30  
00:01:47,859 --> 00:01:52,750  
really it's a work of art but what's

31  
00:01:50,920 --> 00:01:54,819  
coming up on this week show we're gonna

32  
00:01:52,750 --> 00:01:57,429  
kick off with may done yes may not

33  
00:01:54,819 --> 00:01:59,769  
himself he's going to be chatting to in

34  
00:01:57,429 --> 00:02:02,399  
his spooky action segment he's going to

35  
00:01:59,769 --> 00:02:05,170  
be chatting to dr. Nik mat skier who

36  
00:02:02,399 --> 00:02:08,110  
just the other night gave a talk here in

37  
00:02:05,170 --> 00:02:11,140  
Sydney for the Sydney skeptics about the

38  
00:02:08,110 --> 00:02:13,420  
evolution of the anti-evolution movement

39  
00:02:11,139 --> 00:02:15,818  
wow what an interesting talk it was

40  
00:02:13,419 --> 00:02:18,519  
fascinating all about the kitzmiller

41  
00:02:15,818 --> 00:02:20,919  
versus Dover and how the creationists

42  
00:02:18,520 --> 00:02:23,739  
try to sneakily pull the wool over the

43  
00:02:20,919 --> 00:02:27,488

eyes of the American public by inventing

44

00:02:23,739 --> 00:02:30,039

the really now the funky term of

45

00:02:27,489 --> 00:02:32,920

intelligent design remember that one

46

00:02:30,039 --> 00:02:35,109

we're going to find out more about why

47

00:02:32,919 --> 00:02:39,759

the nick is in australia and more about

48

00:02:35,110 --> 00:02:41,890

the creationism evolution saga and a big

49

00:02:39,759 --> 00:02:45,489

shout out to our dear friend dr. Eugenie

50

00:02:41,889 --> 00:02:48,429

Scott after that year dr. Reggie reports

51

00:02:45,489 --> 00:02:51,219

now dr. Richie in the past week appeared

52

00:02:48,430 --> 00:02:55,989

on the sunrise TV show here in Australia

53

00:02:51,219 --> 00:02:58,449

a rather confounding story about parents

54

00:02:55,989 --> 00:03:01,209

who have different views on vaccinations

55

00:02:58,449 --> 00:03:04,539

one parent does not want the children

56

00:03:01,209 --> 00:03:06,569

vaccinated and one parent does and dr.

57

00:03:04,539 --> 00:03:09,849

rates use on the sunrise program to

58  
00:03:06,568 --> 00:03:11,560  
comment on this the audio from her

59  
00:03:09,849 --> 00:03:13,479  
appearance coming up a little later on

60  
00:03:11,560 --> 00:03:17,590  
in the show then to round off the show

61  
00:03:13,479 --> 00:03:19,859  
the story of a Gold Coast mother who

62  
00:03:17,590 --> 00:03:25,120  
passed on whooping cough to her baby

63  
00:03:19,860 --> 00:03:28,330  
after refusing vaccine and how she has

64  
00:03:25,120 --> 00:03:31,539  
now come to see that that was an error

65  
00:03:28,330 --> 00:03:34,410  
and her warning to other parents and she

66  
00:03:31,539 --> 00:03:36,969  
is one brave lady for coming out and

67  
00:03:34,409 --> 00:03:40,000  
saying this and warning other parents

68  
00:03:36,969 --> 00:03:43,560  
and you can bet that the flying monkeys

69  
00:03:40,000 --> 00:03:46,659  
as we call them the and eve acts crowd

70  
00:03:43,560 --> 00:03:48,849  
descending on her in numbers now if you

71  
00:03:46,659 --> 00:03:51,549  
remember last week's show on last week's

72  
00:03:48,849 --> 00:03:54,039  
show I spoke to alex case from the para

73  
00:03:51,549 --> 00:03:55,420  
con Australia convention coming up next

74  
00:03:54,039 --> 00:03:58,959  
month into tumor in the Blue Mountains

75  
00:03:55,419 --> 00:04:01,179  
here near Sydney and during the week

76  
00:03:58,959 --> 00:04:03,549  
Maine are denied it a funny the

77  
00:04:01,180 --> 00:04:08,019  
promotion for the convention as I'm a

78  
00:04:03,549 --> 00:04:11,769  
guest speaker if you go to the website

79  
00:04:08,019 --> 00:04:14,170  
the skeptics on TV the show notes you'll

80  
00:04:11,769 --> 00:04:16,959  
see a link to that promotion or if you

81  
00:04:14,169 --> 00:04:18,639  
go to the the facebook page of Perak on

82  
00:04:16,959 --> 00:04:20,620  
Australia you'll see that funny video

83  
00:04:18,639 --> 00:04:22,870  
too thanks may not and thanks to our

84  
00:04:20,620 --> 00:04:24,430  
friend Josh who was the cameraman oh now

85  
00:04:22,870 --> 00:04:26,560  
before we get started into the shoats

86

00:04:24,430 --> 00:04:28,600  
come to my notice that our dear friend

87  
00:04:26,560 --> 00:04:30,699  
and reporter Heidi Robertson from the

88  
00:04:28,600 --> 00:04:33,070  
Northern Rivers vaccination supporters

89  
00:04:30,699 --> 00:04:36,490  
up there in far north coast of New South

90  
00:04:33,069 --> 00:04:39,209  
Wales has been accused of being a show

91  
00:04:36,490 --> 00:04:41,470  
for Big Pharma congratulations Heidi I

92  
00:04:39,209 --> 00:04:43,370  
wonder if big farmer are sending you any

93  
00:04:41,470 --> 00:04:45,949  
money any checks

94  
00:04:43,370 --> 00:04:48,769  
because I'm waiting for mine for so long

95  
00:04:45,949 --> 00:04:50,900  
and they never come oh well I'm going to

96  
00:04:48,769 --> 00:04:53,359  
run downstairs and see if I can find

97  
00:04:50,899 --> 00:04:55,579  
those two new kittens Henrietta and

98  
00:04:53,360 --> 00:04:59,330  
Maude I think they're probably fast

99  
00:04:55,579 --> 00:05:01,519  
asleep on the couch about now feed them

100  
00:04:59,329 --> 00:05:03,409

some cat food feed me some human food

101

00:05:01,519 --> 00:05:06,370

while I'm doing that I hope you enjoy

102

00:05:03,410 --> 00:05:06,370

the skeptics

103

00:05:17,980 --> 00:05:24,960

here's my not spooky action at a

104

00:05:22,389 --> 00:05:24,959

distance

105

00:05:26,139 --> 00:05:29,538

what plays and gentlemen it's a saturday

106

00:05:28,249 --> 00:05:30,949

night and where would you be on a

107

00:05:29,538 --> 00:05:32,658

Saturday night but talking about science

108

00:05:30,949 --> 00:05:33,859

that at RSL club I don't know there's

109

00:05:32,658 --> 00:05:35,718

nowhere else I would rather be than

110

00:05:33,858 --> 00:05:37,579

talking about sighs that an RSL club on

111

00:05:35,718 --> 00:05:39,379

a Saturday night there's even a walk in

112

00:05:37,579 --> 00:05:40,999

the black forest being played downstairs

113

00:05:39,379 --> 00:05:42,619

which is the theme tune to the New World

114

00:05:40,999 --> 00:05:44,629

Order being played by a member of the

115  
00:05:42,619 --> 00:05:47,169  
shadowy elite on a shadowy piano which

116  
00:05:44,629 --> 00:05:47,169  
can you now

117  
00:05:54,180 --> 00:05:56,180  
Oh

118  
00:06:00,879 --> 00:06:06,339  
yep that's the sound of the New World

119  
00:06:02,500 --> 00:06:07,779  
Order folks lovely but right now I've

120  
00:06:06,339 --> 00:06:10,569  
got someone who spent a lot of time at

121  
00:06:07,779 --> 00:06:12,729  
University working out the evolution of

122  
00:06:10,569 --> 00:06:15,339  
people who don't believe in evolution

123  
00:06:12,730 --> 00:06:19,560  
who we got here hi my name is Nick

124  
00:06:15,339 --> 00:06:23,379  
Matzke and I'm a postdoc at the anu and

125  
00:06:19,560 --> 00:06:25,360  
what was your postdoc in ah so i'm still

126  
00:06:23,379 --> 00:06:28,029  
doing it it's actually in evolutionary

127  
00:06:25,360 --> 00:06:30,009  
biology and biogeography that's my main

128  
00:06:28,029 --> 00:06:32,859  
topic in phylogenetics the study of

129  
00:06:30,009 --> 00:06:34,689  
evolutionary history but yeah I'm going

130  
00:06:32,860 --> 00:06:37,300  
to talk tonight about the evolution of

131  
00:06:34,689 --> 00:06:39,189  
anti evolutionism in the US can I ask

132  
00:06:37,300 --> 00:06:41,079  
you why you picked that for your topic

133  
00:06:39,189 --> 00:06:43,300  
for your doctorate and all that why did

134  
00:06:41,079 --> 00:06:45,279  
you pick that oh well the topic for my

135  
00:06:43,300 --> 00:06:47,740  
doctorate was actually biogeography it

136  
00:06:45,279 --> 00:06:50,049  
wasn't this creationism stuff but I've

137  
00:06:47,740 --> 00:06:52,680  
been involved in the in the evolution

138  
00:06:50,050 --> 00:06:54,850  
creationism issue for over 10 years so

139  
00:06:52,680 --> 00:06:57,069  
so yeah I have a science side and in

140  
00:06:54,850 --> 00:06:59,530  
this kind of science education side so

141  
00:06:57,069 --> 00:07:01,659  
that's a pretty far those are fighting

142  
00:06:59,529 --> 00:07:03,729  
words in the US as they like to say the

143

00:07:01,660 --> 00:07:05,140  
creation versus evolution what stay to

144  
00:07:03,730 --> 00:07:08,080  
you from I take it you're not from down

145  
00:07:05,139 --> 00:07:10,810  
south ah well I grew up in the west

146  
00:07:08,079 --> 00:07:13,019  
coast in Oregon where there's fewer

147  
00:07:10,810 --> 00:07:15,850  
problems but i was born in oklahoma

148  
00:07:13,019 --> 00:07:18,099  
which still has fights every year about

149  
00:07:15,850 --> 00:07:19,960  
this issue and my dear grandmother who I

150  
00:07:18,100 --> 00:07:22,330  
love very much is she's on the opposite

151  
00:07:19,959 --> 00:07:24,339  
side of this issue from me from my whole

152  
00:07:22,329 --> 00:07:27,189  
life so I've been exposed to it my whole

153  
00:07:24,339 --> 00:07:29,019  
life and so I was more aware of it than

154  
00:07:27,189 --> 00:07:30,850  
some science people are I think when it

155  
00:07:29,019 --> 00:07:32,560  
started picking up there this is an

156  
00:07:30,850 --> 00:07:33,790  
issue I talked to with a lot of skeptics

157  
00:07:32,560 --> 00:07:35,319

about what do you do at Christmas time

158

00:07:33,790 --> 00:07:37,120

when the whole families together there

159

00:07:35,319 --> 00:07:38,800

is you just don't avoid this topic or

160

00:07:37,120 --> 00:07:42,699

YouTube how do you work it out for your

161

00:07:38,800 --> 00:07:44,770

family ah yeah I usually with extended

162

00:07:42,699 --> 00:07:46,360

family like my close family doesn't have

163

00:07:44,769 --> 00:07:48,789

an issue but the extended family can be

164

00:07:46,360 --> 00:07:50,650

an issue so you only raise the topic if

165

00:07:48,790 --> 00:07:53,080

everyone's in the mood to really have a

166

00:07:50,649 --> 00:07:54,810

discussion about it because you know you

167

00:07:53,079 --> 00:07:56,560

gotta pick your battles right so

168

00:07:54,810 --> 00:08:00,459

sometimes sometimes you can get

169

00:07:56,560 --> 00:08:02,199

surprising results but yeah I think

170

00:08:00,459 --> 00:08:03,909

family harmony is worth something so

171

00:08:02,199 --> 00:08:05,860

everyone should make their own decision

172  
00:08:03,910 --> 00:08:07,960  
about when the right time to to have

173  
00:08:05,860 --> 00:08:09,430  
these discussions is right well you've

174  
00:08:07,959 --> 00:08:10,949  
tracked the evolution you showed me a

175  
00:08:09,430 --> 00:08:13,990  
very nice flow chart there that's in

176  
00:08:10,949 --> 00:08:16,750  
australasian science that the flow chart

177  
00:08:13,990 --> 00:08:18,370  
the anti-evolution movement what they do

178  
00:08:16,750 --> 00:08:19,990  
actually go out and debate them is that

179  
00:08:18,370 --> 00:08:21,430  
part of the thing you actually go

180  
00:08:19,990 --> 00:08:23,800  
against them or you just looking at

181  
00:08:21,430 --> 00:08:26,860  
their history ah so well I have this

182  
00:08:23,800 --> 00:08:28,840  
history back in two thousand four to two

183  
00:08:26,860 --> 00:08:30,910  
thousand seven i worked for Eugenie

184  
00:08:28,839 --> 00:08:33,879  
Scott at the National Center for Science

185  
00:08:30,910 --> 00:08:36,220  
Education in the US and that's the the

186  
00:08:33,879 --> 00:08:39,159  
nonprofit organization that's devoted to

187  
00:08:36,220 --> 00:08:42,190  
defending evolution in the public

188  
00:08:39,159 --> 00:08:43,659  
schools especially and so I have that so

189  
00:08:42,190 --> 00:08:45,790  
I did that for several years then I went

190  
00:08:43,659 --> 00:08:48,399  
and got a PhD us in sort of straight

191  
00:08:45,789 --> 00:08:50,860  
science but then ten years later last

192  
00:08:48,399 --> 00:08:53,019  
year we were coming up of the 10th

193  
00:08:50,860 --> 00:08:55,090  
anniversary of this famous court case

194  
00:08:53,019 --> 00:08:56,829  
that happened in 2005 oh is that is that

195  
00:08:55,090 --> 00:09:00,070  
the one that's in God's not too dead I

196  
00:08:56,830 --> 00:09:02,110  
saw that that movie oh it's got Melissa

197  
00:09:00,070 --> 00:09:04,150  
Joan Jardim is that the new movie yeah

198  
00:09:02,110 --> 00:09:06,279  
is that the new movie is that that court

199  
00:09:04,149 --> 00:09:07,870  
case wasn't I actually believe it's not

200

00:09:06,279 --> 00:09:10,449

I think it's like that movie is

201

00:09:07,870 --> 00:09:11,889

fictional oh yeah and I have not seen

202

00:09:10,450 --> 00:09:14,050

the movie but it's a fictional movie I

203

00:09:11,889 --> 00:09:16,809

believe it portrays the courtroom

204

00:09:14,049 --> 00:09:18,399

fantasy about because the anti

205

00:09:16,809 --> 00:09:20,589

evolutionists have these dreams and they

206

00:09:18,399 --> 00:09:22,659

write they've written many fictional

207

00:09:20,590 --> 00:09:24,009

pieces where they dream that there will

208

00:09:22,659 --> 00:09:25,929

be a court case and they'll get shown to

209

00:09:24,009 --> 00:09:30,100

be right so I was involved in an actual

210

00:09:25,929 --> 00:09:34,359

united states federal trial in 2005 and

211

00:09:30,100 --> 00:09:35,860

in that actual case in pennsylvania you

212

00:09:34,360 --> 00:09:37,480

know the creationists went into that

213

00:09:35,860 --> 00:09:39,370

case thinking it would be sort of like

214

00:09:37,480 --> 00:09:41,710

these various movies and things that

215

00:09:39,370 --> 00:09:43,480

they do but it turns out there their

216

00:09:41,710 --> 00:09:45,790

lawyers are about as good as their

217

00:09:43,480 --> 00:09:47,649

scientists and we had much better

218

00:09:45,789 --> 00:09:49,389

lawyers and much better scientists and

219

00:09:47,649 --> 00:09:51,370

it was really a crushing victory for

220

00:09:49,389 --> 00:09:53,139

evolution so that's part of what I'm

221

00:09:51,370 --> 00:09:54,970

going to talk about tonight and actually

222

00:09:53,139 --> 00:09:56,679

that court case had this had a big

223

00:09:54,970 --> 00:09:58,509

impact on the evolution of anti

224

00:09:56,679 --> 00:10:01,569

evolutionism which is the other thing

225

00:09:58,509 --> 00:10:03,340

I'll talk about now the anti-evolution

226

00:10:01,570 --> 00:10:05,710

is to bring the Bible is there evidence

227

00:10:03,340 --> 00:10:08,769

how does that stand up in the court ah

228

00:10:05,710 --> 00:10:10,690

well it all depends on your country's

229  
00:10:08,769 --> 00:10:12,639  
sort of framework for deciding these

230  
00:10:10,690 --> 00:10:14,410  
things Saudi Arabia that probably

231  
00:10:12,639 --> 00:10:16,659  
wouldn't go so well but the Quran would

232  
00:10:14,409 --> 00:10:18,039  
work there yeah well nuts that's how

233  
00:10:16,659 --> 00:10:20,379  
they run those things the United States

234  
00:10:18,039 --> 00:10:24,039  
right as has pretty official separation

235  
00:10:20,379 --> 00:10:26,439  
of church and state and so if if the

236  
00:10:24,039 --> 00:10:27,549  
Bible is being used explicitly in a

237  
00:10:26,440 --> 00:10:30,970  
science classroom

238  
00:10:27,549 --> 00:10:32,379  
that will get ruled unconstitutional now

239  
00:10:30,970 --> 00:10:34,450  
because of that there have been several

240  
00:10:32,379 --> 00:10:36,490  
generations of evolution of these

241  
00:10:34,450 --> 00:10:38,500  
creationist arguments to make them seem

242  
00:10:36,490 --> 00:10:40,330  
less based on the Bible and that's where

243  
00:10:38,500 --> 00:10:43,480  
things get interesting so in the 1980s

244  
00:10:40,330 --> 00:10:45,070  
we had creation science that was the

245  
00:10:43,480 --> 00:10:47,950  
phrase that was used and that got ruled

246  
00:10:45,070 --> 00:10:49,570  
unconstitutional in the in 2005 we had

247  
00:10:47,950 --> 00:10:52,028  
the intelligent design and that was that

248  
00:10:49,570 --> 00:10:53,320  
court case in 2005 and after that we've

249  
00:10:52,028 --> 00:10:54,909  
had these other strategies that have

250  
00:10:53,320 --> 00:10:56,769  
been promoted so and there's not yet

251  
00:10:54,909 --> 00:10:58,929  
been a court case on those so so it

252  
00:10:56,769 --> 00:11:01,209  
keeps it keeps changing kind of under

253  
00:10:58,929 --> 00:11:03,219  
legal pressure well with the new one it

254  
00:11:01,208 --> 00:11:05,469  
appears to be if you have a sincerely

255  
00:11:03,220 --> 00:11:08,200  
held religious belief is there a chance

256  
00:11:05,470 --> 00:11:10,810  
that this will be used to beat evolution

257

00:11:08,200 --> 00:11:13,180  
over the head oh so there have been some

258  
00:11:10,809 --> 00:11:16,018  
attempts in at that kind of argument

259  
00:11:13,179 --> 00:11:18,189  
they haven't won as far as I know

260  
00:11:16,019 --> 00:11:19,570  
there's this balancing act that the

261  
00:11:18,190 --> 00:11:21,190  
government has to play between there's

262  
00:11:19,570 --> 00:11:23,320  
two clauses in the First Amendment of

263  
00:11:21,190 --> 00:11:24,540  
the US Constitution one says the

264  
00:11:23,320 --> 00:11:26,800  
government shall make no law respecting

265  
00:11:24,539 --> 00:11:30,639  
establishment of religion and the other

266  
00:11:26,799 --> 00:11:32,859  
one says or or impacting free exercise

267  
00:11:30,639 --> 00:11:35,319  
thereof so the Free Exercise Clause

268  
00:11:32,860 --> 00:11:37,778  
sometimes gets used to say well my

269  
00:11:35,320 --> 00:11:39,970  
personal religious belief means that you

270  
00:11:37,778 --> 00:11:42,100  
can't apress me by teaching my children

271  
00:11:39,970 --> 00:11:43,870

about science or something those cases

272

00:11:42,100 --> 00:11:47,050

have usually lost because the argument

273

00:11:43,870 --> 00:11:48,310

is teaching science has a secular

274

00:11:47,049 --> 00:11:50,259

purpose the government the whole point

275

00:11:48,309 --> 00:11:52,569

of having a government is to do secular

276

00:11:50,259 --> 00:11:54,220

things teaching science is one of those

277

00:11:52,570 --> 00:11:56,680

and so those court cases haven't usually

278

00:11:54,220 --> 00:11:58,629

one but people keep trying to invent new

279

00:11:56,679 --> 00:12:00,609

versions of these arguments now does it

280

00:11:58,629 --> 00:12:03,850

keep you awake it not all these threats

281

00:12:00,610 --> 00:12:05,350

to the whole thing literally it has

282

00:12:03,850 --> 00:12:07,690

sometimes because you know I actually

283

00:12:05,350 --> 00:12:09,790

worked on these issues and and still

284

00:12:07,690 --> 00:12:12,040

sometimes you know I debate these guys

285

00:12:09,789 --> 00:12:14,230

on the internet and stuff I'd dropped

286  
00:12:12,039 --> 00:12:15,969  
out some because there's been less of

287  
00:12:14,230 --> 00:12:18,399  
this issue in the public eye although

288  
00:12:15,970 --> 00:12:20,560  
it's still going on so it mostly depends

289  
00:12:18,399 --> 00:12:22,720  
on how annoyed you are right it's some

290  
00:12:20,559 --> 00:12:23,919  
particular set of arguments that someone

291  
00:12:22,720 --> 00:12:25,329  
who does is professionally in a

292  
00:12:23,919 --> 00:12:26,919  
courtroom the last thing you want to do

293  
00:12:25,328 --> 00:12:28,120  
late at night is start an argument with

294  
00:12:26,919 --> 00:12:29,349  
someone on the Internet you don't need

295  
00:12:28,120 --> 00:12:32,440  
that sort of aggravation in your life

296  
00:12:29,350 --> 00:12:34,899  
sir well you if it was a rational thing

297  
00:12:32,440 --> 00:12:37,120  
you'd be right it's you know I started

298  
00:12:34,899 --> 00:12:38,828  
out doing that as a hobby before even

299  
00:12:37,120 --> 00:12:40,009  
before it was a big issue was just kind

300  
00:12:38,828 --> 00:12:42,169  
of people are wrong on the internet

301  
00:12:40,009 --> 00:12:45,590  
and I was learning evolution myself at

302  
00:12:42,169 --> 00:12:47,179  
the times this is what 15 years ago so I

303  
00:12:45,590 --> 00:12:49,730  
did it for fun and I still occasionally

304  
00:12:47,179 --> 00:12:52,429  
do it for fun alive I've you know heard

305  
00:12:49,730 --> 00:12:54,080  
almost every argument so it is usually

306  
00:12:52,429 --> 00:12:56,989  
only if something new pops up will I

307  
00:12:54,080 --> 00:12:59,210  
sort of get interested in it um now they

308  
00:12:56,990 --> 00:13:00,940  
still trying to push the earth is 6,000

309  
00:12:59,210 --> 00:13:03,889  
years old or was that a particular

310  
00:13:00,940 --> 00:13:05,660  
fundamentalist group that one say oh so

311  
00:13:03,889 --> 00:13:07,970  
well amongst creationists you have your

312  
00:13:05,659 --> 00:13:09,559  
young earth creationists that think the

313  
00:13:07,970 --> 00:13:11,300  
earth is that young and you have your

314

00:13:09,559 --> 00:13:13,369  
old earth creationists that think it's

315  
00:13:11,299 --> 00:13:15,229  
billions of years old but they still

316  
00:13:13,370 --> 00:13:17,509  
don't believe in evolution and the

317  
00:13:15,230 --> 00:13:19,490  
intelligent design movement was kind of

318  
00:13:17,509 --> 00:13:21,409  
about trying to bring those two camps

319  
00:13:19,490 --> 00:13:23,690  
together despite their disagreements to

320  
00:13:21,409 --> 00:13:25,639  
both gang up on evolution and that

321  
00:13:23,690 --> 00:13:26,930  
turned out to backfire illegally because

322  
00:13:25,639 --> 00:13:29,120  
if you include the young earth

323  
00:13:26,929 --> 00:13:32,750  
creationists and it's particularly clear

324  
00:13:29,120 --> 00:13:34,310  
that it's a biblically based thing so

325  
00:13:32,750 --> 00:13:36,080  
they tried to cover that over it didn't

326  
00:13:34,309 --> 00:13:37,159  
really work very well so that fight

327  
00:13:36,080 --> 00:13:42,650  
still goes on amongst the

328  
00:13:37,159 --> 00:13:45,230

fundamentalists but yeah behind the home

329

00:13:42,649 --> 00:13:47,240

non belief in evolution is that people

330

00:13:45,230 --> 00:13:49,430

that want to be Bible literalists or is

331

00:13:47,240 --> 00:13:54,320

it people that just don't trust science

332

00:13:49,429 --> 00:13:56,059

oh how to say that I mean they obviously

333

00:13:54,320 --> 00:13:58,310

don't trust science although they claim

334

00:13:56,059 --> 00:14:00,679

to love science but the fundamental

335

00:13:58,309 --> 00:14:02,869

thing is generally the biblical

336

00:14:00,679 --> 00:14:04,819

literalism and fundamentalism that's

337

00:14:02,870 --> 00:14:06,799

that is the beating heart of all these

338

00:14:04,820 --> 00:14:09,560

anti-evolution movements you get a few

339

00:14:06,799 --> 00:14:11,779

people who are I would say contrarians

340

00:14:09,559 --> 00:14:14,079

who just don't believe you know anything

341

00:14:11,779 --> 00:14:15,949

that the majority says or the dominant

342

00:14:14,080 --> 00:14:17,660

authorities say right and so those

343  
00:14:15,950 --> 00:14:19,759  
people exist fate they don't tend to be

344  
00:14:17,659 --> 00:14:20,990  
that organized they do tend to jump in

345  
00:14:19,759 --> 00:14:22,909  
like if they write a book the

346  
00:14:20,990 --> 00:14:23,899  
creationist soul site that book and say

347  
00:14:22,909 --> 00:14:26,149  
look there's somebody who's not a

348  
00:14:23,899 --> 00:14:27,949  
fundamentalist who's on our side but but

349  
00:14:26,149 --> 00:14:30,169  
they're not a major player I would say

350  
00:14:27,950 --> 00:14:32,060  
is Texas still the hot better this as

351  
00:14:30,169 --> 00:14:34,490  
far as the textbooks are concerned I

352  
00:14:32,059 --> 00:14:36,469  
believe that text though as goes Texas

353  
00:14:34,490 --> 00:14:38,570  
with the textbooks it goes to the rest

354  
00:14:36,470 --> 00:14:40,100  
of the United States is that's still an

355  
00:14:38,570 --> 00:14:41,840  
issue because they try and put an issue

356  
00:14:40,100 --> 00:14:43,970  
in at Texas and that spreads is that

357  
00:14:41,840 --> 00:14:46,129  
explain that to Australian less done

358  
00:14:43,970 --> 00:14:47,810  
yeah so this is one of the weird

359  
00:14:46,129 --> 00:14:49,850  
features of the u.s. rate is fifty

360  
00:14:47,809 --> 00:14:52,839  
states each state makes its own

361  
00:14:49,850 --> 00:14:54,750  
education policy and choose

362  
00:14:52,840 --> 00:14:56,980  
zone textbooks for the students and

363  
00:14:54,750 --> 00:14:59,889  
Texas is about the second biggest

364  
00:14:56,980 --> 00:15:02,620  
textbook market and for decades and

365  
00:14:59,889 --> 00:15:05,799  
decades the State Board of Education has

366  
00:15:02,620 --> 00:15:08,409  
been run very often by very conservative

367  
00:15:05,799 --> 00:15:11,559  
members and they often give a lot of

368  
00:15:08,409 --> 00:15:13,750  
they'll invite creations to testify the

369  
00:15:11,559 --> 00:15:15,879  
let creationists mess around with the

370  
00:15:13,750 --> 00:15:18,159  
textbook adoption process and that is

371

00:15:15,879 --> 00:15:20,139  
still going on and it'll go on and tell

372  
00:15:18,159 --> 00:15:22,600  
the voters you know change the politics

373  
00:15:20,139 --> 00:15:24,779  
of that board so yeah every couple years

374  
00:15:22,600 --> 00:15:27,190  
there's a big fight over text books the

375  
00:15:24,779 --> 00:15:29,949  
influence of Texas on other states is

376  
00:15:27,190 --> 00:15:32,800  
somewhat reduced now because basically

377  
00:15:29,950 --> 00:15:34,390  
if computers they can it's easier to

378  
00:15:32,799 --> 00:15:36,149  
edit text books and make state-specific

379  
00:15:34,389 --> 00:15:38,259  
editions in the olden days it was just

380  
00:15:36,149 --> 00:15:40,689  
publisher would only write one book and

381  
00:15:38,259 --> 00:15:42,720  
send it everywhere so it's a little it's

382  
00:15:40,690 --> 00:15:44,950  
a little modified but on the other hand

383  
00:15:42,720 --> 00:15:46,840  
that creates its own problem because

384  
00:15:44,950 --> 00:15:48,520  
it's possible you know it's still bad if

385  
00:15:46,840 --> 00:15:50,440

texas has bed text books that's still a

386

00:15:48,519 --> 00:15:51,850

problem right so the fact that the

387

00:15:50,440 --> 00:15:54,070

publishers can hit a few buttons and

388

00:15:51,850 --> 00:15:55,480

produce a watered-down science textbook

389

00:15:54,070 --> 00:15:58,540

for a certain state that's not very good

390

00:15:55,480 --> 00:16:00,430

so overall recently the publishers due

391

00:15:58,539 --> 00:16:01,719

to pressure from Pro science people the

392

00:16:00,429 --> 00:16:03,909

publishers have been much better about

393

00:16:01,720 --> 00:16:06,700

resisting political attempts to screw

394

00:16:03,909 --> 00:16:08,379

around with the science education and so

395

00:16:06,700 --> 00:16:10,690

that is actually improved but it's

396

00:16:08,379 --> 00:16:12,700

taking work by scientific societies to

397

00:16:10,690 --> 00:16:14,800

make that happen and what is the most

398

00:16:12,700 --> 00:16:18,340

conservative state and has the most

399

00:16:14,799 --> 00:16:19,839

friction against evolution automatically

400  
00:16:18,340 --> 00:16:21,820  
run things somewhere down south so I'll

401  
00:16:19,840 --> 00:16:23,830  
be thinking maybe Tennessee Louisiana

402  
00:16:21,820 --> 00:16:26,080  
ethic like that or am i just being you

403  
00:16:23,830 --> 00:16:28,420  
know am i just being Australian thinking

404  
00:16:26,080 --> 00:16:31,060  
wrong now you've heard right those are

405  
00:16:28,419 --> 00:16:33,099  
two of the big ones um Mississippi has

406  
00:16:31,059 --> 00:16:34,689  
issues like part of what I was studying

407  
00:16:33,100 --> 00:16:36,610  
in this study of the evolution of

408  
00:16:34,690 --> 00:16:38,800  
anti-evolution is where do these bills

409  
00:16:36,610 --> 00:16:40,360  
get past these anti-evolution bills and

410  
00:16:38,799 --> 00:16:42,039  
currently there's one passed in

411  
00:16:40,360 --> 00:16:43,480  
Louisiana there's one passed in

412  
00:16:42,039 --> 00:16:45,459  
Tennessee and there's one passed in

413  
00:16:43,480 --> 00:16:46,570  
Mississippi um so if you talk about

414  
00:16:45,460 --> 00:16:50,170  
something that's passed by the state

415  
00:16:46,570 --> 00:16:52,000  
legislature to affect curriculum those

416  
00:16:50,169 --> 00:16:53,949  
are the three states to have them those

417  
00:16:52,000 --> 00:16:55,299  
particular policies are they you know

418  
00:16:53,950 --> 00:16:57,970  
because of all these other court cases

419  
00:16:55,299 --> 00:17:00,159  
they're pretty watered down so their

420  
00:16:57,970 --> 00:17:01,629  
effect is debatable but there's still

421  
00:17:00,159 --> 00:17:04,029  
quite annoying if you're if you're a

422  
00:17:01,629 --> 00:17:06,190  
science advocate because they open the

423  
00:17:04,029 --> 00:17:08,259  
door basically for teachers to

424  
00:17:06,190 --> 00:17:10,210  
teach alternatives to evolution they

425  
00:17:08,259 --> 00:17:11,559  
won't say what the alternatives are but

426  
00:17:10,210 --> 00:17:14,230  
they'll say oh yeah let's teach critical

427  
00:17:11,559 --> 00:17:15,759  
analysis of evolution and of course

428

00:17:14,230 --> 00:17:17,289  
that's that's intended to give

429  
00:17:15,759 --> 00:17:18,879  
permission to teachers to teach

430  
00:17:17,289 --> 00:17:20,769  
creationism that's what the whole point

431  
00:17:18,880 --> 00:17:21,940  
of it is but it's all very hidden so

432  
00:17:20,769 --> 00:17:25,269  
that they won't get challenged in court

433  
00:17:21,940 --> 00:17:26,350  
I'm not a problem with them and what

434  
00:17:25,269 --> 00:17:28,329  
actually what is the problem with

435  
00:17:26,349 --> 00:17:30,399  
accepting evolution and saying that God

436  
00:17:28,329 --> 00:17:32,859  
had a the the glory of Jesus Christ had

437  
00:17:30,400 --> 00:17:35,019  
a overseeing effect on the whole thing

438  
00:17:32,859 --> 00:17:37,119  
like he can still be there in a 70 East

439  
00:17:35,019 --> 00:17:39,069  
kind of way and that doesn't deny the

440  
00:17:37,119 --> 00:17:41,529  
existence of God by saying evolutions

441  
00:17:39,069 --> 00:17:43,929  
true does it that doesn't bother me

442  
00:17:41,529 --> 00:17:47,920

personally um many some people are

443

00:17:43,930 --> 00:17:49,330

bothered by it it depends on you know it

444

00:17:47,920 --> 00:17:50,920

depends whether you're bein issue is

445

00:17:49,329 --> 00:17:54,129

science education or kind of atheism

446

00:17:50,920 --> 00:17:55,660

right and some people are advocates for

447

00:17:54,130 --> 00:17:58,870

atheism and that is their right to do

448

00:17:55,660 --> 00:18:01,120

and that's perfectly fine the I think

449

00:17:58,869 --> 00:18:03,099

the theological arguments are belong

450

00:18:01,119 --> 00:18:04,779

outside of the the government schools at

451

00:18:03,099 --> 00:18:06,159

least in the US where we have this

452

00:18:04,779 --> 00:18:07,869

pretty strict separation of church and

453

00:18:06,160 --> 00:18:09,610

state and also you know in the

454

00:18:07,869 --> 00:18:11,889

scientific community you won't find a

455

00:18:09,609 --> 00:18:13,479

lot of enthusiasm typically for for

456

00:18:11,890 --> 00:18:16,210

bringing theological debates like that

457  
00:18:13,480 --> 00:18:17,500  
into the scientific discussion so I

458  
00:18:16,210 --> 00:18:19,090  
think you know you should keep your

459  
00:18:17,500 --> 00:18:21,150  
science and your theology separate right

460  
00:18:19,089 --> 00:18:23,740  
so you have your scientific debates as

461  
00:18:21,150 --> 00:18:25,090  
professionals where everywhere is people

462  
00:18:23,740 --> 00:18:27,700  
of all sorts of different religions in

463  
00:18:25,089 --> 00:18:30,339  
science and in the government's that are

464  
00:18:27,700 --> 00:18:32,190  
funding you know science so you have

465  
00:18:30,339 --> 00:18:34,509  
your scientific debates there and then

466  
00:18:32,190 --> 00:18:36,309  
anyone who wishes to is totally free to

467  
00:18:34,509 --> 00:18:38,740  
engage in theological discussions about

468  
00:18:36,309 --> 00:18:40,720  
what that science means but I would hope

469  
00:18:38,740 --> 00:18:42,910  
people can I mean science is the part

470  
00:18:40,720 --> 00:18:46,329  
that is based on you know empirical

471  
00:18:42,910 --> 00:18:47,529  
testing and in on hard data and that's

472  
00:18:46,329 --> 00:18:48,849  
the part that people should ought to be

473  
00:18:47,529 --> 00:18:49,750  
able to agree on and then leave the rest

474  
00:18:48,849 --> 00:18:52,149  
of it for their philosophical

475  
00:18:49,750 --> 00:18:54,369  
discussions and Nick what is the next

476  
00:18:52,150 --> 00:18:55,960  
evolution of the flowchart of the

477  
00:18:54,369 --> 00:18:57,699  
anti-evolution movement what's the next

478  
00:18:55,960 --> 00:19:00,460  
battle do you think you may have 25 ah

479  
00:18:57,700 --> 00:19:02,289  
well right now so they're about 70 of

480  
00:19:00,460 --> 00:19:05,559  
these anti-evolution bills that have

481  
00:19:02,289 --> 00:19:07,359  
been proposed over the last ten years as

482  
00:19:05,559 --> 00:19:08,589  
I mentioned two of them have I guess two

483  
00:19:07,359 --> 00:19:11,349  
of them have passed a third one is

484  
00:19:08,589 --> 00:19:13,599  
highly modified got past arm and right

485

00:19:11,349 --> 00:19:16,480  
now it's not clear what the impact those

486  
00:19:13,599 --> 00:19:18,039  
bills are having we suspect that certain

487  
00:19:16,480 --> 00:19:18,558  
teachers and certain school districts

488  
00:19:18,039 --> 00:19:21,019  
are using

489  
00:19:18,558 --> 00:19:24,109  
to basically teach creationism in the

490  
00:19:21,019 --> 00:19:26,538  
public schools in the US Armed there may

491  
00:19:24,109 --> 00:19:29,058  
not be those bills keep getting pushed

492  
00:19:26,538 --> 00:19:31,759  
in other states every year so sooner or

493  
00:19:29,058 --> 00:19:34,788  
later somebody will use it in a public

494  
00:19:31,759 --> 00:19:37,220  
enough way and in an annoying enough way

495  
00:19:34,788 --> 00:19:38,720  
that some other parent who doesn't want

496  
00:19:37,220 --> 00:19:40,370  
this to happen with their students will

497  
00:19:38,720 --> 00:19:41,778  
complain and then there could be a

498  
00:19:40,369 --> 00:19:43,969  
political fighter there could be a legal

499  
00:19:41,778 --> 00:19:46,819

battle about it and then we'll see how

500

00:19:43,970 --> 00:19:49,069

these these bills fares so so yeah it's

501

00:19:46,819 --> 00:19:50,658

one of these issues you know there every

502

00:19:49,069 --> 00:19:53,298

10 or 20 years there's a huge battle

503

00:19:50,659 --> 00:19:55,190

somewhere we had a big one in 2005 ten

504

00:19:53,298 --> 00:19:56,538

years ago right now the issue is kind of

505

00:19:55,190 --> 00:19:58,730

under the radar but it's going to come

506

00:19:56,538 --> 00:20:00,138

back at some point it only does what

507

00:19:58,730 --> 00:20:01,669

about in Australia is this an issue that

508

00:20:00,138 --> 00:20:04,008

we have to deal with you in Australia I

509

00:20:01,669 --> 00:20:05,509

haven't heard of any really big public

510

00:20:04,009 --> 00:20:07,909

stashes like you have over there in the

511

00:20:05,509 --> 00:20:10,579

u.s. oh yeah my impression is it's not

512

00:20:07,909 --> 00:20:12,528

as big an issue here but again these

513

00:20:10,579 --> 00:20:14,240

things tend to come back there's there

514  
00:20:12,528 --> 00:20:16,099  
are some famous creationists that are

515  
00:20:14,240 --> 00:20:18,278  
from Australia they ended up you know

516  
00:20:16,099 --> 00:20:20,449  
the most famous one ended up in the US

517  
00:20:18,278 --> 00:20:22,990  
which is where most of the money is for

518  
00:20:20,450 --> 00:20:27,369  
this kind of thing but they still have

519  
00:20:22,990 --> 00:20:29,839  
wings of their movement in Australia and

520  
00:20:27,368 --> 00:20:31,519  
and the other thing i've discovered is

521  
00:20:29,839 --> 00:20:34,339  
that internationally around the world

522  
00:20:31,519 --> 00:20:37,700  
american fundamentalist tend to export

523  
00:20:34,339 --> 00:20:39,339  
their views quite actively right so they

524  
00:20:37,700 --> 00:20:41,899  
tend to found churches send missionaries

525  
00:20:39,339 --> 00:20:44,388  
they do it all the kind any country they

526  
00:20:41,898 --> 00:20:45,709  
can and often before anyone's even

527  
00:20:44,388 --> 00:20:47,418  
paying attention there will be an entire

528

00:20:45,710 --> 00:20:49,819  
you know large mega church of

529

00:20:47,419 --> 00:20:51,230  
fundamentalist somewhere and they'll

530

00:20:49,819 --> 00:20:53,450  
bring in one of these American

531

00:20:51,230 --> 00:20:55,490  
anti-evolution speakers and pretty soon

532

00:20:53,450 --> 00:20:57,470  
you have hundreds of people parents

533

00:20:55,490 --> 00:20:59,359  
riled up about evolution and they'll

534

00:20:57,470 --> 00:21:01,730  
start complaining or try and get

535

00:20:59,359 --> 00:21:03,979  
modifications to their a local education

536

00:21:01,730 --> 00:21:05,419  
system and then it gets political so so

537

00:21:03,980 --> 00:21:06,980  
it can happen in any country so it's

538

00:21:05,419 --> 00:21:08,299  
worth being aware of what's going on I

539

00:21:06,980 --> 00:21:09,829  
mean it's good that there's less of it

540

00:21:08,298 --> 00:21:11,538  
happening in Australia but you always

541

00:21:09,829 --> 00:21:13,128  
got to sort of pay attention to what's

542

00:21:11,538 --> 00:21:14,599  
going on well where can people catch you

543  
00:21:13,128 --> 00:21:16,278  
online to find out what you're up to and

544  
00:21:14,599 --> 00:21:18,528  
where can we find you online sir website

545  
00:21:16,278 --> 00:21:20,868  
yeah if you google me my name is Nick

546  
00:21:18,528 --> 00:21:22,249  
Matzke that'll that'll bring up all the

547  
00:21:20,868 --> 00:21:24,470  
stuff I even there's somebody made a

548  
00:21:22,249 --> 00:21:26,690  
Wikipedia page for me so that that goes

549  
00:21:24,470 --> 00:21:27,680  
through all the history so so that'll

550  
00:21:26,690 --> 00:21:28,670  
start you up

551  
00:21:27,680 --> 00:21:31,160  
hope you don't lose too much sleep

552  
00:21:28,670 --> 00:21:32,180  
tonight on the internet arguing me that

553  
00:21:31,160 --> 00:21:33,769  
he won and thanks for joining us here

554  
00:21:32,180 --> 00:21:36,430  
for the big dinner tonight Nick hey

555  
00:21:33,769 --> 00:21:36,430  
thank you so much

556  
00:22:07,779 --> 00:22:16,359

are you skeptical skip decal in other

557

00:22:13,009 --> 00:22:18,650

words do you see yourself attending

558

00:22:16,359 --> 00:22:20,959

northern california science and

559

00:22:18,650 --> 00:22:23,990

skepticism conference Sunday May

560

00:22:20,960 --> 00:22:26,420

fifteenth I see myself attending that I

561

00:22:23,990 --> 00:22:29,210

would like to attend that I if I

562

00:22:26,420 --> 00:22:32,120

visualize things you know if I use the

563

00:22:29,210 --> 00:22:36,230

secret the law of attraction let me see

564

00:22:32,119 --> 00:22:40,599

concentrate now concentrate lovely

565

00:22:36,230 --> 00:22:43,069

airline sending me ticket to skeptical

566

00:22:40,599 --> 00:22:45,319

well I don't think that'll happen but

567

00:22:43,069 --> 00:22:47,359

I'd love to go skeptic Cal is the

568

00:22:45,319 --> 00:22:49,369

Northern Californian conference and

569

00:22:47,359 --> 00:22:52,039

science and skepticism a day-long event

570

00:22:49,369 --> 00:22:54,979

with speakers panels and discussions on

571  
00:22:52,039 --> 00:22:57,109  
a wide array of subjects the 2016

572  
00:22:54,980 --> 00:22:59,839  
skeptical event will be held on my

573  
00:22:57,109 --> 00:23:03,109  
fifteenth at the Oakland Asian Cultural

574  
00:22:59,839 --> 00:23:06,319  
Center they have once again put together

575  
00:23:03,109 --> 00:23:08,899  
another all-star cast of speakers make

576  
00:23:06,319 --> 00:23:10,849  
sure you save the date I am saving I

577  
00:23:08,900 --> 00:23:12,220  
promise I'm saving the date but no

578  
00:23:10,849 --> 00:23:14,269  
forget their brain saving the day

579  
00:23:12,220 --> 00:23:17,750  
there's going to be talks about

580  
00:23:14,269 --> 00:23:20,269  
exploring Saturn our ancient ancestors

581  
00:23:17,750 --> 00:23:23,809  
from erectus everything you know about

582  
00:23:20,269 --> 00:23:27,369  
autism history is wrong brain myths

583  
00:23:23,809 --> 00:23:31,399  
lessons from neuroscience vaccinations

584  
00:23:27,369 --> 00:23:34,549  
testing psychic powers gene editing and

585  
00:23:31,400 --> 00:23:36,800  
a workshop for producing skeptical

586  
00:23:34,549 --> 00:23:41,059  
children boggles the mind it sounds like

587  
00:23:36,799 --> 00:23:49,430  
a terrific day skeptical Northern

588  
00:23:41,059 --> 00:23:55,490  
California at ww skeptical sk-ii PT IC

589  
00:23:49,430 --> 00:23:58,759  
al Con Thien calm skeptical condo

590  
00:23:55,490 --> 00:24:00,910  
that's a mouthful you might even get to

591  
00:23:58,759 --> 00:24:03,859  
meet someone like oh I don't know

592  
00:24:00,910 --> 00:24:06,350  
Eugenie Scott who worth the price of

593  
00:24:03,859 --> 00:24:08,240  
admission alone folks and if the law of

594  
00:24:06,349 --> 00:24:12,219  
attraction truly does work I might even

595  
00:24:08,240 --> 00:24:15,349  
see you there myself well we can try

596  
00:24:12,220 --> 00:24:35,720  
skeptical Northern California's science

597  
00:24:15,349 --> 00:24:38,359  
and skepticism conference CS stop simply

598  
00:24:35,720 --> 00:24:40,250  
idiot hey Sal you guys guys I just had

599

00:24:38,359 --> 00:24:42,229  
the most amazing experience what

600  
00:24:40,250 --> 00:24:43,609  
experience unders unders have you been

601  
00:24:42,230 --> 00:24:45,769  
to the pub I told you not to hang out

602  
00:24:43,609 --> 00:24:47,779  
with mash you know she was blessed by

603  
00:24:45,769 --> 00:24:50,539  
peter Popoff no yellow no i'm not

604  
00:24:47,779 --> 00:24:52,849  
talking about psychics it was a really

605  
00:24:50,539 --> 00:24:54,558  
SP experience now you have been to the

606  
00:24:52,849 --> 00:24:57,259  
pub either that or you've been smoking

607  
00:24:54,558 --> 00:24:59,750  
something no pointers the ESB is the

608  
00:24:57,259 --> 00:25:01,910  
European skeptics podcast it's the most

609  
00:24:59,750 --> 00:25:03,710  
amazing thing you get to know so much

610  
00:25:01,910 --> 00:25:06,558  
about skeptics and their activities

611  
00:25:03,710 --> 00:25:08,660  
across Europe you know events hot topics

612  
00:25:06,558 --> 00:25:10,879  
and interviews with lots of interesting

613  
00:25:08,660 --> 00:25:12,620

people oh wow cool by the way pointers

614

00:25:10,880 --> 00:25:15,050

you just come into the false dichotomy

615

00:25:12,619 --> 00:25:17,899

fallacy I guess that means I'm really

616

00:25:15,049 --> 00:25:19,909

wrong yep and you can even learn about

617

00:25:17,900 --> 00:25:22,400

those fallacies in the show and hear

618

00:25:19,910 --> 00:25:24,679

about people spreading silly ideas you

619

00:25:22,400 --> 00:25:27,650

should really check it out it's the ESP

620

00:25:24,679 --> 00:25:30,350

the European skeptics podcast it's on

621

00:25:27,650 --> 00:25:32,660

never weak alright so where can I get

622

00:25:30,349 --> 00:25:35,359

this is the experience it sounds good

623

00:25:32,660 --> 00:25:38,420

you can go online at the ESP do to you

624

00:25:35,359 --> 00:25:41,449

follow it on twitter at es podcast

625

00:25:38,420 --> 00:25:43,580

underscore EU or like the podcast on

626

00:25:41,450 --> 00:25:46,640

facebook oh and you can also contact the

627

00:25:43,579 --> 00:25:50,480

show by sending them an email to info at

628  
00:25:46,640 --> 00:25:52,520  
the ESPE you and if you want to

629  
00:25:50,480 --> 00:25:55,269  
subscribe do a quick search for the

630  
00:25:52,519 --> 00:25:58,099  
european skeptic podcast on soundcloud

631  
00:25:55,269 --> 00:26:11,869  
itunes or stitcher

632  
00:25:58,099 --> 00:26:14,629  
I don't know I you can't believe now

633  
00:26:11,869 --> 00:26:20,928  
it's time for dr. Richie reports with

634  
00:26:14,630 --> 00:26:23,990  
dr. Rachel Dunlop now we've heard of the

635  
00:26:20,929 --> 00:26:26,840  
no jab no play law and now they're

636  
00:26:23,990 --> 00:26:28,519  
central ings no jab nope a law but what

637  
00:26:26,839 --> 00:26:30,019  
happens when parents can't agree on

638  
00:26:28,519 --> 00:26:32,269  
whether their children should be

639  
00:26:30,019 --> 00:26:36,079  
vaccinated an Australian mother is now

640  
00:26:32,269 --> 00:26:37,418  
taking action to find out she's the

641  
00:26:36,079 --> 00:26:40,399  
Queensland mother causing widespread

642  
00:26:37,419 --> 00:26:42,710  
controversy over a fundraising page and

643  
00:26:40,400 --> 00:26:44,990  
a patel is willing to do anything to

644  
00:26:42,710 --> 00:26:47,029  
stop her former partner from vaccinating

645  
00:26:44,990 --> 00:26:49,429  
their two young children using a

646  
00:26:47,029 --> 00:26:52,129  
GoFundMe page to raise ten thousand

647  
00:26:49,429 --> 00:26:54,288  
dollars to take him to court poster just

648  
00:26:52,130 --> 00:26:55,970  
a few days ago miss patel explains that

649  
00:26:54,288 --> 00:26:58,190  
the seven and three year olds have never

650  
00:26:55,970 --> 00:27:00,350  
been vaccinated an issue that remains

651  
00:26:58,190 --> 00:27:02,150  
paramount to her and now the children's

652  
00:27:00,349 --> 00:27:04,730  
father is stepping in to change that

653  
00:27:02,150 --> 00:27:06,620  
their father Anil has revealed that

654  
00:27:04,730 --> 00:27:08,960  
despite taking a back seat on the issue

655  
00:27:06,619 --> 00:27:12,168  
in the past he's now concerned for their

656

00:27:08,960 --> 00:27:14,240  
help so far miss patel's public play has

657  
00:27:12,169 --> 00:27:16,520  
raised two hundred and ninety dollars a

658  
00:27:14,240 --> 00:27:18,650  
far cry from the thousands needed to

659  
00:27:16,519 --> 00:27:20,259  
hire a lawyer but this isn't the mother

660  
00:27:18,650 --> 00:27:22,820  
of two s first time in the spotlight

661  
00:27:20,259 --> 00:27:24,890  
last month she allegedly posted on

662  
00:27:22,819 --> 00:27:27,200  
facebook site vaccine free Australia

663  
00:27:24,890 --> 00:27:29,538  
encouraging like-minded parents to lie

664  
00:27:27,200 --> 00:27:32,298  
to center link in order to still receive

665  
00:27:29,538 --> 00:27:34,400  
financial benefits defying the no chat

666  
00:27:32,298 --> 00:27:36,650  
no pay laws that came into effect in

667  
00:27:34,400 --> 00:27:38,000  
January miss Patel has garnered much

668  
00:27:36,650 --> 00:27:40,159  
support from anti-vaccination

669  
00:27:38,000 --> 00:27:41,900  
campaigners but there are thousands of

670  
00:27:40,159 --> 00:27:43,909

parents across Australia expressing

671

00:27:41,900 --> 00:27:48,059

their fury calling her behavior

672

00:27:43,909 --> 00:27:50,590

despicable irresponsible and plain crazy

673

00:27:48,058 --> 00:27:53,259

joining us from Sidious family lawyer

674

00:27:50,589 --> 00:27:55,869

Amy Jenkins and dr. Rachel Dunlop from

675

00:27:53,259 --> 00:27:59,289

stop the Australian anti-vaccination

676

00:27:55,869 --> 00:28:00,939

Network Amy first to you under

677

00:27:59,289 --> 00:28:02,710

Australian law the process of

678

00:28:00,940 --> 00:28:05,049

vaccinating children falls within the

679

00:28:02,710 --> 00:28:07,660

scope of pure parental responsibility

680

00:28:05,049 --> 00:28:11,230

what happens in a case like this where

681

00:28:07,660 --> 00:28:13,210

two parents disagree it's a quite a

682

00:28:11,230 --> 00:28:15,130

difficult argument that would have to be

683

00:28:13,210 --> 00:28:17,819

run what would need to happen is if the

684

00:28:15,130 --> 00:28:20,530

parties couldn't reach agreement to

685  
00:28:17,819 --> 00:28:22,509  
either make the decision to vaccinate or

686  
00:28:20,529 --> 00:28:24,399  
not to vaccinate the parties would then

687  
00:28:22,509 --> 00:28:26,799  
need to commence proceedings within the

688  
00:28:24,400 --> 00:28:28,660  
family court and ask for a judge to

689  
00:28:26,799 --> 00:28:30,190  
determine what is in their children's

690  
00:28:28,660 --> 00:28:34,900  
best interest and whether they should be

691  
00:28:30,190 --> 00:28:37,808  
vaccinated or not okay Rachel both

692  
00:28:34,900 --> 00:28:39,820  
parents here obviously believe what

693  
00:28:37,808 --> 00:28:42,519  
they're doing is in the best interests

694  
00:28:39,819 --> 00:28:45,519  
of the children what can the long-term

695  
00:28:42,519 --> 00:28:49,119  
effects be of not vaccinating children

696  
00:28:45,519 --> 00:28:51,609  
in this day and age well this is the

697  
00:28:49,119 --> 00:28:53,979  
problem because in the long term this

698  
00:28:51,609 --> 00:28:55,629  
could result in the children contracting

699  
00:28:53,980 --> 00:28:57,339  
vaccine-preventable diseases and we've

700  
00:28:55,630 --> 00:28:59,710  
seen the resurgence of some of these

701  
00:28:57,339 --> 00:29:01,659  
diseases in the in recent times like

702  
00:28:59,710 --> 00:29:04,179  
whooping cough and also measles recently

703  
00:29:01,660 --> 00:29:07,000  
in Victoria but importantly it poses a

704  
00:29:04,179 --> 00:29:09,850  
lifelong risk to the children I mean in

705  
00:29:07,000 --> 00:29:12,210  
2011 here in Brisbane we actually saw a

706  
00:29:09,849 --> 00:29:14,349  
22 year old girl died from diphtheria

707  
00:29:12,210 --> 00:29:16,660  
now who's ever heard of diphtheria

708  
00:29:14,349 --> 00:29:18,339  
anymore and this was because she hadn't

709  
00:29:16,660 --> 00:29:20,320  
been vaccinated as a child and a friend

710  
00:29:18,339 --> 00:29:22,569  
went overseas and brought the disease

711  
00:29:20,319 --> 00:29:24,639  
back to the country so it's extremely

712  
00:29:22,569 --> 00:29:27,250  
important that we protect our children

713

00:29:24,640 --> 00:29:31,240  
and also as the kids go into adulthood

714  
00:29:27,250 --> 00:29:34,058  
they need protection as well but Rachel

715  
00:29:31,240 --> 00:29:37,210  
the anti-vaxxers sort of throw up all

716  
00:29:34,058 --> 00:29:40,539  
this stuff about it causes autism I

717  
00:29:37,210 --> 00:29:43,360  
could kill a child now look life is all

718  
00:29:40,539 --> 00:29:47,079  
about risks is a nut and trading office

719  
00:29:43,359 --> 00:29:48,849  
and life is not perfect look this is a

720  
00:29:47,079 --> 00:29:50,769  
really terrible situation for both these

721  
00:29:48,849 --> 00:29:52,058  
parents because as you say they both

722  
00:29:50,769 --> 00:29:53,829  
believe they're doing the right thing

723  
00:29:52,058 --> 00:29:55,779  
but unfortunately it seems that the

724  
00:29:53,829 --> 00:29:57,428  
mother in this case has either got the

725  
00:29:55,779 --> 00:29:59,869  
wrong information or being misinformed

726  
00:29:57,429 --> 00:30:01,970  
because science overwhelmingly show

727  
00:29:59,869 --> 00:30:03,769

is that vaccines are safe effective

728

00:30:01,970 --> 00:30:05,750

they're one of the most effective public

729

00:30:03,769 --> 00:30:08,839

health measures that we've ever invented

730

00:30:05,750 --> 00:30:10,490

as scientists and so the father is

731

00:30:08,839 --> 00:30:11,808

really on the side of science he and

732

00:30:10,490 --> 00:30:17,180

unfortunately she has probably been

733

00:30:11,808 --> 00:30:19,369

misled or misinformed yes well said Amy

734

00:30:17,180 --> 00:30:20,960

let's say I mean this mother has only

735

00:30:19,369 --> 00:30:22,039

raised two hundred ninety dollars so

736

00:30:20,960 --> 00:30:24,200

it's not going very well this

737

00:30:22,039 --> 00:30:26,299

crowdfunding campaign but let's say she

738

00:30:24,200 --> 00:30:29,740

did raise enough funds to actually take

739

00:30:26,299 --> 00:30:32,629

this to court how would this play out

740

00:30:29,740 --> 00:30:35,690

look I'm not advising this client

741

00:30:32,630 --> 00:30:37,550

specifically but what I can say is that

742  
00:30:35,690 --> 00:30:39,500  
the court would need to look at both of

743  
00:30:37,549 --> 00:30:42,169  
the parties evidence that they brought

744  
00:30:39,500 --> 00:30:44,929  
forward also the parties would need to

745  
00:30:42,170 --> 00:30:46,220  
bring forward some medical evidence and

746  
00:30:44,929 --> 00:30:48,769  
the court would then need to make a

747  
00:30:46,220 --> 00:30:50,539  
determination based on that evidence and

748  
00:30:48,769 --> 00:30:52,700  
what the court considers to be the

749  
00:30:50,539 --> 00:30:56,720  
children's best interests it's a very

750  
00:30:52,700 --> 00:30:58,039  
difficult case yeah it sure is right

751  
00:30:56,720 --> 00:31:00,819  
ladies thank you very much for that

752  
00:30:58,039 --> 00:31:00,819  
really appreciate

753  
00:31:11,289 --> 00:31:15,470  
today this is dr. Karl Karl Christmas be

754  
00:31:13,880 --> 00:31:17,780  
proud to be skeptic and you can find out

755  
00:31:15,470 --> 00:31:21,100  
more about me at dr. Karl calm and get

756  
00:31:17,779 --> 00:31:21,099  
lots of free stuff there as well

757  
00:31:41,259 --> 00:31:51,269  
has published at wwwcom a you gold coast

758  
00:31:47,980 --> 00:31:54,579  
mum passes on whooping cough too baby

759  
00:31:51,269 --> 00:31:58,900  
after refusing vaccine sixth of April

760  
00:31:54,579 --> 00:32:01,000  
2016 by jane hansen a Gold Coast mother

761  
00:31:58,900 --> 00:32:03,519  
who refused the whooping cough vaccine

762  
00:32:01,000 --> 00:32:06,130  
during pregnancy went on to catch the

763  
00:32:03,519 --> 00:32:08,920  
potentially deadly disease and pass it

764  
00:32:06,130 --> 00:32:11,290  
on to her brand-new baby girl the mother

765  
00:32:08,920 --> 00:32:13,720  
who has gone public in a video posted on

766  
00:32:11,289 --> 00:32:16,480  
the Gold Coast Health website to warn

767  
00:32:13,720 --> 00:32:19,480  
others said she had refused the vaccine

768  
00:32:16,480 --> 00:32:22,509  
because she was a quote organic end

769  
00:32:19,480 --> 00:32:25,000  
quote kind of woman quote I was a

770

00:32:22,509 --> 00:32:27,609  
healthy pregnant woman worked out went

771  
00:32:25,000 --> 00:32:29,950  
to the gym aight very healthily had a

772  
00:32:27,609 --> 00:32:32,409  
natural birth and somehow in the last

773  
00:32:29,950 --> 00:32:34,960  
two weeks of my pregnancy I managed to

774  
00:32:32,410 --> 00:32:37,960  
get whooping cough and didn't know and

775  
00:32:34,960 --> 00:32:40,240  
quote she said after the birth she went

776  
00:32:37,960 --> 00:32:42,880  
to the doctor about a persistent cough

777  
00:32:40,240 --> 00:32:44,980  
and found out she had whooping cough

778  
00:32:42,880 --> 00:32:47,860  
that had been passed on to her baby

779  
00:32:44,980 --> 00:32:50,680  
daughter Eva quote Eva was diagnosed

780  
00:32:47,859 --> 00:32:53,829  
with whooping cough and it is a

781  
00:32:50,680 --> 00:32:56,560  
nightmare and quote she said quote she

782  
00:32:53,829 --> 00:32:59,889  
was a bit coffee but within two weeks

783  
00:32:56,559 --> 00:33:03,129  
the cough became very scary a horror

784  
00:32:59,890 --> 00:33:05,860

movie turning blue going floppy in my

785

00:33:03,130 --> 00:33:08,260

hands running to hospital and quote she

786

00:33:05,859 --> 00:33:10,149

said quote she ended up in intensive

787

00:33:08,259 --> 00:33:11,950

care with a baby there just coughs and

788

00:33:10,150 --> 00:33:15,490

coughs and coughs and it's so hard to

789

00:33:11,950 --> 00:33:18,220

watch your tiny little thing go red then

790

00:33:15,490 --> 00:33:20,470

they go blue and sometimes they go black

791

00:33:18,220 --> 00:33:22,870

then for a moment you think they're dead

792

00:33:20,470 --> 00:33:24,670

in your hands they flop a lot of

793

00:33:22,869 --> 00:33:27,129

suffering for a tiny thing you love so

794

00:33:24,670 --> 00:33:30,850

much I was offered the injection in week

795

00:33:27,130 --> 00:33:34,630

28 being the healthy fit organic woman

796

00:33:30,849 --> 00:33:37,839

that I am I said quote leave me alone I

797

00:33:34,630 --> 00:33:41,050

don't need this crap then quote quote I

798

00:33:37,839 --> 00:33:43,839

got over it very quick it was not it was

799  
00:33:41,049 --> 00:33:46,569  
nothing for me but she is into week four

800  
00:33:43,839 --> 00:33:49,209  
and every hour I have to stay here and

801  
00:33:46,569 --> 00:33:52,899  
watch her going blue watch her go blue

802  
00:33:49,210 --> 00:33:54,990  
watch her cry and give her oxygen she is

803  
00:33:52,900 --> 00:33:57,000  
my only child and if I could turn

804  
00:33:54,990 --> 00:33:59,750  
time I would have protected myself

805  
00:33:57,000 --> 00:34:02,099  
that's my message end quote she said

806  
00:33:59,750 --> 00:34:06,569  
Australia is in the grip of a whooping

807  
00:34:02,099 --> 00:34:10,710  
cough epidemic with a 20 2516 cases

808  
00:34:06,569 --> 00:34:13,980  
recorded nationally last year and 5561

809  
00:34:10,710 --> 00:34:16,289  
cases recorded so far this year in April

810  
00:34:13,980 --> 00:34:18,119  
last year free whooping cough boosters

811  
00:34:16,289 --> 00:34:20,699  
were introduced throughout Australia for

812  
00:34:18,119 --> 00:34:23,340  
pregnant women after UK studies proved

813  
00:34:20,699 --> 00:34:26,099  
the Boosters cut infant deaths from

814  
00:34:23,340 --> 00:34:29,100  
whooping cough by ninety percent in that

815  
00:34:26,099 --> 00:34:34,559  
report was by Jane Hansen as published

816  
00:34:29,099 --> 00:34:38,159  
at wwwcom now here is the audio from the

817  
00:34:34,559 --> 00:34:42,139  
lady in question produced by Gold Coast

818  
00:34:38,159 --> 00:34:42,139  
health building a healthier community

819  
00:34:46,630 --> 00:34:51,760  
my name is kami and this is Eva and

820  
00:34:49,800 --> 00:34:55,930  
unfortunately we've been in hospital for

821  
00:34:51,760 --> 00:34:58,720  
the last three weeks yeah if I was

822  
00:34:55,929 --> 00:35:03,699  
diagnosed with whooping cough pertussis

823  
00:34:58,719 --> 00:35:07,179  
and yeah it's been a nightmare I have

824  
00:35:03,699 --> 00:35:11,799  
been a very healthy pregnant woman no

825  
00:35:07,179 --> 00:35:14,079  
problems no complications worked worked

826  
00:35:11,800 --> 00:35:17,110  
out went to the gym every day eight very

827

00:35:14,079 --> 00:35:19,750  
healthy had no dis efficiencies had a

828  
00:35:17,110 --> 00:35:21,190  
natural birth and some power through the

829  
00:35:19,750 --> 00:35:23,440  
process of the last two weeks of my

830  
00:35:21,190 --> 00:35:25,840  
pregnancy I've managed to get whooping

831  
00:35:23,440 --> 00:35:29,440  
cough Donna why and harms and I managed

832  
00:35:25,840 --> 00:35:32,410  
to get it I didn't know I've given birth

833  
00:35:29,440 --> 00:35:34,480  
I was coughing a bit I wanted to check

834  
00:35:32,409 --> 00:35:35,679  
myself just because of Allah I'm

835  
00:35:34,480 --> 00:35:38,199  
coughing for a few days it's a bit

836  
00:35:35,679 --> 00:35:40,059  
annoying especially when you know when

837  
00:35:38,199 --> 00:35:41,799  
when you're coughing in your tummy is a

838  
00:35:40,059 --> 00:35:44,590  
bit sore from giving birth it's kind of

839  
00:35:41,800 --> 00:35:48,280  
feels a bit uncomfortable I quickly

840  
00:35:44,590 --> 00:35:52,000  
found out that I have Pettis and well

841  
00:35:48,280 --> 00:35:53,980

I've given it to her yeah the first few

842

00:35:52,000 --> 00:35:56,440

days were like okay better cough What's

843

00:35:53,980 --> 00:35:58,949

everyone is on about she just be coffee

844

00:35:56,440 --> 00:36:02,710

a bit nasally we'll get through it

845

00:35:58,949 --> 00:36:04,929

within two weeks the cough became pretty

846

00:36:02,710 --> 00:36:06,820

scary horror movie coughing to the point

847

00:36:04,929 --> 00:36:09,129

of going blue flopping in my hands come

848

00:36:06,820 --> 00:36:11,500

breathe running into hospital she's then

849

00:36:09,130 --> 00:36:13,420

better the center home today later back

850

00:36:11,500 --> 00:36:14,860

into hospital again a nice letter she's

851

00:36:13,420 --> 00:36:17,320

got another apnea where she's not

852

00:36:14,860 --> 00:36:19,900

breathing for three minutes and he just

853

00:36:17,320 --> 00:36:22,450

ended up in upstairs here in the

854

00:36:19,900 --> 00:36:25,809

hospital in Nam what do you call

855

00:36:22,449 --> 00:36:27,759

intensive care with just a baby that

856  
00:36:25,809 --> 00:36:29,920  
coughs and coughs and coughs and it's

857  
00:36:27,760 --> 00:36:32,380  
just so hard to watch your little tiny

858  
00:36:29,920 --> 00:36:35,559  
little thing and they go read and from

859  
00:36:32,380 --> 00:36:37,780  
red / blue and sometimes they go big

860  
00:36:35,559 --> 00:36:41,110  
liking for a moment they think they dead

861  
00:36:37,780 --> 00:36:43,750  
in your hands they flop a lot of

862  
00:36:41,110 --> 00:36:46,360  
suffering for a little tiny little cute

863  
00:36:43,750 --> 00:36:49,570  
thing that you love so much I was

864  
00:36:46,360 --> 00:36:52,180  
offered the injection in wing 28 on

865  
00:36:49,570 --> 00:36:54,130  
being the healthy feet organic woman

866  
00:36:52,179 --> 00:36:56,409  
that I am I said leave me alone I don't

867  
00:36:54,130 --> 00:36:58,809  
need a tiny describe

868  
00:36:56,409 --> 00:37:00,759  
and even me the bulletproof lady that's

869  
00:36:58,809 --> 00:37:05,590  
never been to a doctor travel the world

870  
00:37:00,760 --> 00:37:07,840  
and felt healthy got got the whooping

871  
00:37:05,590 --> 00:37:10,809  
cough I got over it very quick it was

872  
00:37:07,840 --> 00:37:14,910  
nothing for me but she is into week 4

873  
00:37:10,809 --> 00:37:18,009  
and here every hour I've gotta stay here

874  
00:37:14,909 --> 00:37:20,230  
watch your going blue give oxygen watch

875  
00:37:18,010 --> 00:37:23,650  
a cry water having a hard time eating

876  
00:37:20,230 --> 00:37:25,210  
she's my only child in my first and if I

877  
00:37:23,650 --> 00:37:30,360  
could turn back time I would have fun

878  
00:37:25,210 --> 00:37:30,360  
protect myself so that's my message

879  
00:37:30,750 --> 00:37:36,300  
and that was by the Gold Coast Hospital

880  
00:37:33,269 --> 00:37:39,090  
and Health Services 2016 communications

881  
00:37:36,300 --> 00:37:48,660  
and engagement unit for more information

882  
00:37:39,090 --> 00:37:51,269  
visit [www.fcn](http://www.fcn) / Gold Coast health savvy

883  
00:37:48,659 --> 00:37:54,719  
but oh so predictably the

884

00:37:51,269 --> 00:37:57,989  
anti-vaccination brigade sometimes known

885  
00:37:54,719 --> 00:38:01,079  
as the flying monkeys have cast serious

886  
00:37:57,989 --> 00:38:03,029  
doubt on this story now we're talking

887  
00:38:01,079 --> 00:38:04,409  
about the hardcore anti-vaxxers here the

888  
00:38:03,030 --> 00:38:08,580  
ones who live in a world where

889  
00:38:04,409 --> 00:38:11,819  
vaccination is a ploy by the one world

890  
00:38:08,579 --> 00:38:15,889  
government to poison people vaccination

891  
00:38:11,820 --> 00:38:19,559  
has zero success rate and is a giant con

892  
00:38:15,889 --> 00:38:22,039  
to either bolster the coffers of big

893  
00:38:19,559 --> 00:38:25,619  
pharmaceutical or to control it all with

894  
00:38:22,039 --> 00:38:27,809  
naughty drugs or chemicals or whatever

895  
00:38:25,619 --> 00:38:30,210  
tin foil hat excuse they come up with

896  
00:38:27,809 --> 00:38:33,210  
here are some comments by the flying

897  
00:38:30,210 --> 00:38:35,429  
monkeys Gold Coast health of Australia

898  
00:38:33,210 --> 00:38:38,400

posted a video of Cormac avital holding

899

00:38:35,429 --> 00:38:41,009

her daughter Eva who is said to be

900

00:38:38,400 --> 00:38:43,440

hospitalized with pertussis the awkward

901

00:38:41,010 --> 00:38:46,830

video almost sounds as though it is a

902

00:38:43,440 --> 00:38:48,929

hostage video as avatar expresses its

903

00:38:46,829 --> 00:38:51,719

quote regret end quote over not having

904

00:38:48,929 --> 00:38:55,859

had the pertussis vaccine while pregnant

905

00:38:51,719 --> 00:38:58,079

it even has been edited with music as

906

00:38:55,860 --> 00:39:00,690

well as the hospital's pre-roll

907

00:38:58,079 --> 00:39:03,090

advertisement eva is said to be released

908

00:39:00,690 --> 00:39:05,760

from the hospital this week which isn't

909

00:39:03,090 --> 00:39:08,850

mentioned in the video other items

910

00:39:05,760 --> 00:39:10,790

remain unclear avital had pertussis

911

00:39:08,849 --> 00:39:14,489

seemingly while pregnant and remained

912

00:39:10,789 --> 00:39:17,329

contagious nearly 12 weeks later if she

913  
00:39:14,489 --> 00:39:19,799  
was tested for it and that's not known

914  
00:39:17,329 --> 00:39:23,579  
did the hospital take any precautions

915  
00:39:19,800 --> 00:39:26,190  
when Eva was born was tests performed on

916  
00:39:23,579 --> 00:39:28,949  
comet again seeing that she had this

917  
00:39:26,190 --> 00:39:31,530  
previous history of pertussis did she

918  
00:39:28,949 --> 00:39:34,439  
breastfeed to help boost Eva's immune

919  
00:39:31,530 --> 00:39:37,290  
system and from the website open source

920  
00:39:34,440 --> 00:39:39,090  
truth calm it's interesting how many of

921  
00:39:37,289 --> 00:39:44,009  
these loony websites were the tin foil

922  
00:39:39,090 --> 00:39:44,769  
hats use the word truth an unidentified

923  
00:39:44,010 --> 00:39:47,080  
mother

924  
00:39:44,769 --> 00:39:50,050  
holds a motionless baby with pertussis

925  
00:39:47,079 --> 00:39:53,500  
allegedly because she did not vaccinate

926  
00:39:50,050 --> 00:39:55,990  
law pregnant with a vaccine not tested

927  
00:39:53,500 --> 00:39:58,210  
or approved for safety and associated

928  
00:39:55,989 --> 00:40:01,389  
with serious birth defects and other

929  
00:39:58,210 --> 00:40:03,970  
adverse events oh and which affords

930  
00:40:01,389 --> 00:40:06,069  
precious little protection the video

931  
00:40:03,969 --> 00:40:08,859  
appears to be on the government website

932  
00:40:06,070 --> 00:40:11,170  
notice anything wrong here and if anyone

933  
00:40:08,860 --> 00:40:13,240  
watching the video sees the baby take a

934  
00:40:11,170 --> 00:40:16,720  
breath let us know in the comments

935  
00:40:13,239 --> 00:40:20,619  
section say no to vaccine mandates it's

936  
00:40:16,719 --> 00:40:23,019  
it's reminds me of a traitor or a

937  
00:40:20,619 --> 00:40:26,920  
turncoat or a what's the word I'm

938  
00:40:23,019 --> 00:40:30,159  
looking for apostate defector in any

939  
00:40:26,920 --> 00:40:33,130  
cult or religion they are treated most

940  
00:40:30,159 --> 00:40:36,129  
harshly and this woman is now regarded

941

00:40:33,130 --> 00:40:39,599  
as being a traitor to the to the

942  
00:40:36,130 --> 00:40:41,740  
religion that to the cult the mindset of

943  
00:40:39,599 --> 00:40:46,079  
anti-vaccination which I said before is

944  
00:40:41,739 --> 00:40:48,429  
all entwined in an unholy mess with

945  
00:40:46,079 --> 00:40:49,900  
basically conspiracy theories and

946  
00:40:48,429 --> 00:40:51,699  
they're trying to control you and you

947  
00:40:49,900 --> 00:40:53,680  
can't trust the government and Western

948  
00:40:51,699 --> 00:40:55,509  
scientific medicine is basically a con

949  
00:40:53,679 --> 00:40:58,210  
because if you eat healthy things and

950  
00:40:55,510 --> 00:41:01,210  
where you've heard it all before so hats

951  
00:40:58,210 --> 00:41:04,269  
off to this brave young mum who could

952  
00:41:01,210 --> 00:41:07,210  
see what she did was wrong but now he's

953  
00:41:04,269 --> 00:41:10,269  
trying to make amends and the enemies of

954  
00:41:07,210 --> 00:41:13,619  
reason as Isaac Asimov called them are

955  
00:41:10,269 --> 00:41:13,619

in full force

956

00:41:25,909 --> 00:41:31,399

hi this is Heidi Robertson from the

957

00:41:29,460 --> 00:41:34,280

Northern Rivers vaccination supporters

958

00:41:31,400 --> 00:41:36,900

we are a group of concerned citizens

959

00:41:34,280 --> 00:41:39,480

dedicated to promoting good science and

960

00:41:36,900 --> 00:41:42,539

common sense in our region the far north

961

00:41:39,480 --> 00:41:44,309

coast of New South Wales this area are

962

00:41:42,539 --> 00:41:47,340

famous for its natural beauty and

963

00:41:44,309 --> 00:41:50,940

relaxed lifestyle also has the lowest

964

00:41:47,340 --> 00:41:53,039

rates of vaccination in Australia we are

965

00:41:50,940 --> 00:41:55,470

out to change that by challenging the

966

00:41:53,039 --> 00:41:57,150

myths and misinformation and by

967

00:41:55,469 --> 00:42:00,449

providing good evidence based

968

00:41:57,150 --> 00:42:02,309

information to the community we'd love

969

00:42:00,449 --> 00:42:05,939

for you no matter where you are in the

970  
00:42:02,309 --> 00:42:13,529  
world to join our fight please visit our

971  
00:42:05,940 --> 00:42:16,349  
webpage at ww nrvs info we also have a

972  
00:42:13,530 --> 00:42:20,670  
link there to our facebook page tweet us

973  
00:42:16,349 --> 00:42:23,279  
at in our fax supporters that's vix and

974  
00:42:20,670 --> 00:42:25,920  
check us out on Wikipedia by searching

975  
00:42:23,280 --> 00:42:29,660  
for Northern Rivers vaccination

976  
00:42:25,920 --> 00:42:29,659  
supporters thank you

977  
00:42:43,550 --> 00:42:49,470  
thank you for listening to the skeptic

978  
00:42:46,170 --> 00:42:52,440  
zone and as somebody requested during

979  
00:42:49,469 --> 00:42:59,149  
the week wrote to me here is the sound

980  
00:42:52,440 --> 00:42:59,150  
of Henrietta and Maude purring

981  
00:43:04,599 --> 00:43:14,199  
oh if that doesn't give you nice warm

982  
00:43:11,050 --> 00:43:15,370  
feelings I don't know what will coming

983  
00:43:14,199 --> 00:43:16,659  
up on next week's show some more

984  
00:43:15,369 --> 00:43:18,369  
interviews from Maine I'd who was

985  
00:43:16,659 --> 00:43:20,859  
running around with these microphones at

986  
00:43:18,369 --> 00:43:23,019  
the recent Australian skeptics sydney

987  
00:43:20,860 --> 00:43:25,590  
dinner meeting that's where he

988  
00:43:23,019 --> 00:43:28,509  
interviewed our guest today dr. Nick

989  
00:43:25,590 --> 00:43:30,990  
matzke maynards going to be chatting to

990  
00:43:28,510 --> 00:43:33,790  
dr. Mel Thomas and cancer researcher

991  
00:43:30,989 --> 00:43:35,619  
Cassandra Perryman from Brisbane from

992  
00:43:33,789 --> 00:43:38,619  
the Brisbane skeptics and from

993  
00:43:35,619 --> 00:43:40,329  
Australian skeptics Alethea Dean he

994  
00:43:38,619 --> 00:43:42,309  
might remember Alethea Dean she's been

995  
00:43:40,329 --> 00:43:43,989  
on the show a few times she joined

996  
00:43:42,309 --> 00:43:46,389  
Maynard and I a couple of years back

997  
00:43:43,989 --> 00:43:49,989  
when we went on a ghost hunt it goes to

998

00:43:46,389 --> 00:43:51,900  
her did we find any ghosts mm-hmm so for

999  
00:43:49,989 --> 00:43:54,069  
this week this is Richard Saunders

1000  
00:43:51,900 --> 00:43:56,619  
running downstairs again to hear more

1001  
00:43:54,070 --> 00:44:02,860  
kittens purring signing off from Sydney

1002  
00:43:56,619 --> 00:44:05,380  
Australia you've been listening to the

1003  
00:44:02,860 --> 00:44:09,220  
skeptics own podcast visit our website

1004  
00:44:05,380 --> 00:44:12,490  
at WCA pegs on TV for contacts and

1005  
00:44:09,219 --> 00:44:15,669  
archive of all episodes since 2008 and

1006  
00:44:12,489 --> 00:44:17,709  
our online store please support the

1007  
00:44:15,670 --> 00:44:21,070  
skeptic zone by following us on twitter

1008  
00:44:17,710 --> 00:44:24,579  
at skeptic zone liking us on facebook

1009  
00:44:21,070 --> 00:44:26,110  
and leaving a review on iTunes you can

1010  
00:44:24,579 --> 00:44:29,920  
also show your support by subscribing

1011  
00:44:26,110 --> 00:44:32,980  
via paypal for as little as 99 cents a

1012  
00:44:29,920 --> 00:44:34,599

week the skeptic zone is an independent

1013

00:44:32,980 --> 00:44:37,030

production the views and opinions

1014

00:44:34,599 --> 00:44:39,130

expressed on the skeptic zone and not

1015

00:44:37,030 --> 00:44:44,340

necessarily those of Australian skeptics

1016

00:44:39,130 --> 00:44:44,340

or any other skeptical organization

1017

00:44:58,170 --> 00:45:01,170

ok

1018

00:45:03,840 --> 00:45:10,950

shopping Oh Stan bet you do that so if

1019

00:45:08,820 --> 00:45:13,100

you give me a okay boy girl seconds to

1020

00:45:10,949 --> 00:45:13,099

go in

1021

00:45:14,329 --> 00:45:21,190

oh ok

1022

00:45:23,050 --> 00:45:26,990

hi cap reporter main out here and we're

1023

00:45:25,519 --> 00:45:29,059

going to take you into a room full of

1024

00:45:26,989 --> 00:45:32,868

skeptics there and ask some questions to

1025

00:45:29,059 --> 00:45:35,389

a member of the alleged show a real real

1026

00:45:32,869 --> 00:45:36,680

want to be kind of an elite kind of guy

1027  
00:45:35,389 --> 00:45:39,139  
Richard Saunders who's going to be

1028  
00:45:36,679 --> 00:45:40,849  
appearing at Paracon fairly shortly

1029  
00:45:39,139 --> 00:45:43,489  
let's go ask him some deep questions

1030  
00:45:40,849 --> 00:45:46,639  
about the million-dollar challenge come

1031  
00:45:43,489 --> 00:45:48,409  
on come someone here we got a room full

1032  
00:45:46,639 --> 00:45:49,849  
of skeptics they're all skeptical

1033  
00:45:48,409 --> 00:45:51,230  
they're skeptical about the food they're

1034  
00:45:49,849 --> 00:45:52,670  
skeptical about the one they're

1035  
00:45:51,230 --> 00:45:53,990  
skeptical about the car park they're

1036  
00:45:52,670 --> 00:45:57,650  
skeptical about every bloody thing here

1037  
00:45:53,989 --> 00:45:59,389  
we go now Mary doing he's over here and

1038  
00:45:57,650 --> 00:46:01,099  
what would a skeptic been doing haha the

1039  
00:45:59,389 --> 00:46:02,539  
Old Yeller trick of spoon bending

1040  
00:46:01,099 --> 00:46:04,699  
Richard Saunders I believe you're going

1041  
00:46:02,539 --> 00:46:06,710  
to be at Paragon fairly shortly talking

1042  
00:46:04,699 --> 00:46:09,108  
about the alleged million-dollar alleged

1043  
00:46:06,710 --> 00:46:11,150  
challenge uh oh you remember the shadowy

1044  
00:46:09,108 --> 00:46:13,940  
elite I have you got Illuminati

1045  
00:46:11,150 --> 00:46:15,349  
underpants on what's all about that up

1046  
00:46:13,940 --> 00:46:17,090  
what's that Taiwan's think this guy oh

1047  
00:46:15,349 --> 00:46:18,319  
come on I believe this it's just a whole

1048  
00:46:17,090 --> 00:46:19,519  
challenge thing if there's no million

1049  
00:46:18,320 --> 00:46:20,809  
dollars is it there was no million

1050  
00:46:19,519 --> 00:46:22,608  
dollars come on don't you run about that

1051  
00:46:20,809 --> 00:46:24,920  
you run away from me don't you don't you

1052  
00:46:22,608 --> 00:46:27,319  
don't you run away from you should look

1053  
00:46:24,920 --> 00:46:30,950  
at that wait look there we go there we

1054  
00:46:27,320 --> 00:46:32,780  
go leaving in shame the alleged Richard

1055

00:46:30,949 --> 00:46:33,858  
Saunders and he's alleged million dollar

1056  
00:46:32,780 --> 00:46:37,750  
challenge still going to be at para

1057  
00:46:33,858 --> 00:46:37,750  
cognac come back Saunders all happier