

The Skeptic Zone  
Show 390 - 10 April 2016



1  
00:00:22,730 --> 00:00:09,100  
welcome to the skeptic zone the podcast

2  
00:00:30,300 --> 00:00:25,530  
hello and welcome to the skeptics are an

3  
00:00:34,500 --> 00:00:30,310  
episode number what is it 390 Oh 400 not

4  
00:00:36,090 --> 00:00:34,510  
far away for the tenth of April 2016

5  
00:00:38,700 --> 00:00:36,100  
Richard Saunders here with you from

6  
00:00:40,650 --> 00:00:38,710  
Sydney Australia now before we get

7  
00:00:43,590 --> 00:00:40,660  
started those of you who have downloaded

8  
00:00:45,869 --> 00:00:43,600  
this episode on to your iDevice all your

9  
00:00:49,830 --> 00:00:45,879  
whatever device you have or if you're

10  
00:00:52,560 --> 00:00:49,840  
just listening to it via the website wwc

11  
00:00:55,470 --> 00:00:52,570  
a petting zoo TV if you look at the

12  
00:00:59,639 --> 00:00:55,480  
image the image for this week's show

13  
00:01:02,550 --> 00:00:59,649

it's a really good caricature of our ace

14

00:01:06,960 --> 00:01:02,560

reporter Maynard and this caricature was

15

00:01:09,120 --> 00:01:06,970

done by the fabulous Celestia ward now I

16

00:01:12,389 --> 00:01:09,130

meant Celestia one of the amazing

17

00:01:15,749 --> 00:01:12,399

meetings a few years back and I was so

18

00:01:18,450 --> 00:01:15,759

impressed by her artistic talent when I

19

00:01:21,870 --> 00:01:18,460

saw some caricatures she had created

20

00:01:23,480 --> 00:01:21,880

that I asked her very nicely if I might

21

00:01:26,100 --> 00:01:23,490

have one and she did one for me and

22

00:01:29,210 --> 00:01:26,110

recently she's done one form a night and

23

00:01:33,330 --> 00:01:29,220

wow it's just fantastic and may not has

24

00:01:35,820 --> 00:01:33,340

just thrilled to bits with it so if you

25

00:01:40,859 --> 00:01:35,830

want one of the best caricature artists

26  
00:01:44,760 --> 00:01:40,869  
out there head to ww2 that's the numeral

27  
00:01:47,850 --> 00:01:44,770  
two two heads studio com to find out

28  
00:01:50,910 --> 00:01:47,860  
more and a big thank you Celestia it's

29  
00:01:52,740 --> 00:01:50,920  
really it's a work of art but what's

30  
00:01:54,809 --> 00:01:52,750  
coming up on this week show we're gonna

31  
00:01:57,419 --> 00:01:54,819  
kick off with may done yes may not

32  
00:01:59,760 --> 00:01:57,429  
himself he's going to be chatting to in

33  
00:02:02,389 --> 00:01:59,770  
his spooky action segment he's going to

34  
00:02:05,160 --> 00:02:02,399  
be chatting to dr. Nik mat skier who

35  
00:02:08,100 --> 00:02:05,170  
just the other night gave a talk here in

36  
00:02:11,130 --> 00:02:08,110  
Sydney for the Sydney skeptics about the

37  
00:02:13,410 --> 00:02:11,140  
evolution of the anti-evolution movement

38  
00:02:15,809 --> 00:02:13,420

wow what an interesting talk it was

39

00:02:18,510 --> 00:02:15,819

fascinating all about the kitzmiller

40

00:02:20,910 --> 00:02:18,520

versus Dover and how the creationists

41

00:02:23,729 --> 00:02:20,920

try to sneakily pull the wool over the

42

00:02:27,479 --> 00:02:23,739

eyes of the American public by inventing

43

00:02:30,030 --> 00:02:27,489

the really now the funky term of

44

00:02:32,910 --> 00:02:30,040

intelligent design remember that one

45

00:02:35,100 --> 00:02:32,920

we're going to find out more about why

46

00:02:39,750 --> 00:02:35,110

the nick is in australia and more about

47

00:02:41,880 --> 00:02:39,760

the creationism evolution saga and a big

48

00:02:45,479 --> 00:02:41,890

shout out to our dear friend dr. Eugenie

49

00:02:48,420 --> 00:02:45,489

Scott after that year dr. Reggie reports

50

00:02:51,210 --> 00:02:48,430

now dr. Richie in the past week appeared

51  
00:02:55,979 --> 00:02:51,220  
on the sunrise TV show here in Australia

52  
00:02:58,440 --> 00:02:55,989  
a rather confounding story about parents

53  
00:03:01,199 --> 00:02:58,450  
who have different views on vaccinations

54  
00:03:04,530 --> 00:03:01,209  
one parent does not want the children

55  
00:03:06,559 --> 00:03:04,540  
vaccinated and one parent does and dr.

56  
00:03:09,840 --> 00:03:06,569  
rates use on the sunrise program to

57  
00:03:11,550 --> 00:03:09,850  
comment on this the audio from her

58  
00:03:13,470 --> 00:03:11,560  
appearance coming up a little later on

59  
00:03:17,580 --> 00:03:13,480  
in the show then to round off the show

60  
00:03:19,850 --> 00:03:17,590  
the story of a Gold Coast mother who

61  
00:03:25,110 --> 00:03:19,860  
passed on whooping cough to her baby

62  
00:03:28,320 --> 00:03:25,120  
after refusing vaccine and how she has

63  
00:03:31,530 --> 00:03:28,330

now come to see that that was an error

64

00:03:34,400 --> 00:03:31,540

and her warning to other parents and she

65

00:03:36,960 --> 00:03:34,410

is one brave lady for coming out and

66

00:03:39,990 --> 00:03:36,970

saying this and warning other parents

67

00:03:43,550 --> 00:03:40,000

and you can bet that the flying monkeys

68

00:03:46,650 --> 00:03:43,560

as we call them the and eve acts crowd

69

00:03:48,840 --> 00:03:46,660

descending on her in numbers now if you

70

00:03:51,539 --> 00:03:48,850

remember last week's show on last week's

71

00:03:54,030 --> 00:03:51,549

show I spoke to alex case from the para

72

00:03:55,410 --> 00:03:54,040

con Australia convention coming up next

73

00:03:58,949 --> 00:03:55,420

month into tumor in the Blue Mountains

74

00:04:01,170 --> 00:03:58,959

here near Sydney and during the week

75

00:04:03,539 --> 00:04:01,180

Maine are denied it a funny the

76

00:04:08,009 --> 00:04:03,549

promotion for the convention as I'm a

77

00:04:11,759 --> 00:04:08,019

guest speaker if you go to the website

78

00:04:14,160 --> 00:04:11,769

the skeptics on TV the show notes you'll

79

00:04:16,949 --> 00:04:14,170

see a link to that promotion or if you

80

00:04:18,630 --> 00:04:16,959

go to the the facebook page of Perak on

81

00:04:20,610 --> 00:04:18,640

Australia you'll see that funny video

82

00:04:22,860 --> 00:04:20,620

too thanks may not and thanks to our

83

00:04:24,420 --> 00:04:22,870

friend Josh who was the cameraman oh now

84

00:04:26,550 --> 00:04:24,430

before we get started into the shoats

85

00:04:28,590 --> 00:04:26,560

come to my notice that our dear friend

86

00:04:30,690 --> 00:04:28,600

and reporter Heidi Robertson from the

87

00:04:33,060 --> 00:04:30,700

Northern Rivers vaccination supporters

88

00:04:36,480 --> 00:04:33,070

up there in far north coast of New South

89

00:04:39,200 --> 00:04:36,490

Wales has been accused of being a show

90

00:04:41,460 --> 00:04:39,210

for Big Pharma congratulations Heidi I

91

00:04:43,360 --> 00:04:41,470

wonder if big farmer are sending you any

92

00:04:45,939 --> 00:04:43,370

money any checks

93

00:04:48,760 --> 00:04:45,949

because I'm waiting for mine for so long

94

00:04:50,890 --> 00:04:48,770

and they never come oh well I'm going to

95

00:04:53,350 --> 00:04:50,900

run downstairs and see if I can find

96

00:04:55,570 --> 00:04:53,360

those two new kittens Henrietta and

97

00:04:59,320 --> 00:04:55,580

Maude I think they're probably fast

98

00:05:01,510 --> 00:04:59,330

asleep on the couch about now feed them

99

00:05:03,400 --> 00:05:01,520

some cat food feed me some human food

100

00:05:17,970 --> 00:05:03,410

while I'm doing that I hope you enjoy

101

00:05:26,129 --> 00:05:22,380

here's my not spooky action at a

102

00:05:29,529 --> 00:05:28,239

what plays and gentlemen it's a saturday

103

00:05:30,939 --> 00:05:29,539

night and where would you be on a

104

00:05:32,649 --> 00:05:30,949

Saturday night but talking about science

105

00:05:33,849 --> 00:05:32,659

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

106

00:05:35,709 --> 00:05:33,859

nowhere else I would rather be than

107

00:05:37,569 --> 00:05:35,719

talking about sighs that an RSL club on

108

00:05:39,369 --> 00:05:37,579

a Saturday night there's even a walk in

109

00:05:40,989 --> 00:05:39,379

the black forest being played downstairs

110

00:05:42,609 --> 00:05:40,999

which is the theme tune to the New World

111

00:05:44,619 --> 00:05:42,619

Order being played by a member of the

112

00:05:54,170 --> 00:05:44,629

shadowy elite on a shadowy piano which

113

00:05:54,180 --> 00:06:00,870

Oh

114

00:06:06,330 --> 00:06:02,490

yep that's the sound of the New World

115

00:06:07,770 --> 00:06:06,340

Order folks lovely but right now I've

116

00:06:10,560 --> 00:06:07,780

got someone who spent a lot of time at

117

00:06:12,720 --> 00:06:10,570

University working out the evolution of

118

00:06:15,330 --> 00:06:12,730

people who don't believe in evolution

119

00:06:19,550 --> 00:06:15,340

who we got here hi my name is Nick

120

00:06:23,370 --> 00:06:19,560

Matzke and I'm a postdoc at the anu and

121

00:06:25,350 --> 00:06:23,380

what was your postdoc in ah so i'm still

122

00:06:28,020 --> 00:06:25,360

doing it it's actually in evolutionary

123

00:06:30,000 --> 00:06:28,030

biology and biogeography that's my main

124

00:06:32,850 --> 00:06:30,010

topic in phylogenetics the study of

125

00:06:34,680 --> 00:06:32,860

evolutionary history but yeah I'm going

126

00:06:37,290 --> 00:06:34,690

to talk tonight about the evolution of

127

00:06:39,180 --> 00:06:37,300

anti evolutionism in the US can I ask

128

00:06:41,070 --> 00:06:39,190

you why you picked that for your topic

129

00:06:43,290 --> 00:06:41,080

for your doctorate and all that why did

130

00:06:45,270 --> 00:06:43,300

you pick that oh well the topic for my

131

00:06:47,730 --> 00:06:45,280

doctorate was actually biogeography it

132

00:06:50,040 --> 00:06:47,740

wasn't this creationism stuff but I've

133

00:06:52,670 --> 00:06:50,050

been involved in the in the evolution

134

00:06:54,840 --> 00:06:52,680

creationism issue for over 10 years so

135

00:06:57,060 --> 00:06:54,850

so yeah I have a science side and in

136

00:06:59,520 --> 00:06:57,070

this kind of science education side so

137

00:07:01,650 --> 00:06:59,530

that's a pretty far those are fighting

138

00:07:03,720 --> 00:07:01,660

words in the US as they like to say the

139

00:07:05,130 --> 00:07:03,730

creation versus evolution what stay to

140

00:07:08,070 --> 00:07:05,140

you from I take it you're not from down

141

00:07:10,800 --> 00:07:08,080

south ah well I grew up in the west

142

00:07:13,010 --> 00:07:10,810

coast in Oregon where there's fewer

143

00:07:15,840 --> 00:07:13,020

problems but i was born in oklahoma

144

00:07:18,090 --> 00:07:15,850

which still has fights every year about

145

00:07:19,950 --> 00:07:18,100

this issue and my dear grandmother who I

146

00:07:22,320 --> 00:07:19,960

love very much is she's on the opposite

147

00:07:24,330 --> 00:07:22,330

side of this issue from me from my whole

148

00:07:27,180 --> 00:07:24,340

life so I've been exposed to it my whole

149

00:07:29,010 --> 00:07:27,190

life and so I was more aware of it than

150

00:07:30,840 --> 00:07:29,020

some science people are I think when it

151  
00:07:32,550 --> 00:07:30,850  
started picking up there this is an

152  
00:07:33,780 --> 00:07:32,560  
issue I talked to with a lot of skeptics

153  
00:07:35,310 --> 00:07:33,790  
about what do you do at Christmas time

154  
00:07:37,110 --> 00:07:35,320  
when the whole families together there

155  
00:07:38,790 --> 00:07:37,120  
is you just don't avoid this topic or

156  
00:07:42,690 --> 00:07:38,800  
YouTube how do you work it out for your

157  
00:07:44,760 --> 00:07:42,700  
family ah yeah I usually with extended

158  
00:07:46,350 --> 00:07:44,770  
family like my close family doesn't have

159  
00:07:48,780 --> 00:07:46,360  
an issue but the extended family can be

160  
00:07:50,640 --> 00:07:48,790  
an issue so you only raise the topic if

161  
00:07:53,070 --> 00:07:50,650  
everyone's in the mood to really have a

162  
00:07:54,800 --> 00:07:53,080  
discussion about it because you know you

163  
00:07:56,550 --> 00:07:54,810

gotta pick your battles right so

164

00:08:00,450 --> 00:07:56,560

sometimes sometimes you can get

165

00:08:02,190 --> 00:08:00,460

surprising results but yeah I think

166

00:08:03,900 --> 00:08:02,200

family harmony is worth something so

167

00:08:05,850 --> 00:08:03,910

everyone should make their own decision

168

00:08:07,950 --> 00:08:05,860

about when the right time to to have

169

00:08:09,420 --> 00:08:07,960

these discussions is right well you've

170

00:08:10,940 --> 00:08:09,430

tracked the evolution you showed me a

171

00:08:13,980 --> 00:08:10,950

very nice flow chart there that's in

172

00:08:16,740 --> 00:08:13,990

australasian science that the flow chart

173

00:08:18,360 --> 00:08:16,750

the anti-evolution movement what they do

174

00:08:19,980 --> 00:08:18,370

actually go out and debate them is that

175

00:08:21,420 --> 00:08:19,990

part of the thing you actually go

176

00:08:23,790 --> 00:08:21,430

against them or you just looking at

177

00:08:26,850 --> 00:08:23,800

their history ah so well I have this

178

00:08:28,830 --> 00:08:26,860

history back in two thousand four to two

179

00:08:30,900 --> 00:08:28,840

thousand seven i worked for Eugenie

180

00:08:33,870 --> 00:08:30,910

Scott at the National Center for Science

181

00:08:36,210 --> 00:08:33,880

Education in the US and that's the the

182

00:08:39,150 --> 00:08:36,220

nonprofit organization that's devoted to

183

00:08:42,180 --> 00:08:39,160

defending evolution in the public

184

00:08:43,650 --> 00:08:42,190

schools especially and so I have that so

185

00:08:45,780 --> 00:08:43,660

I did that for several years then I went

186

00:08:48,390 --> 00:08:45,790

and got a PhD us in sort of straight

187

00:08:50,850 --> 00:08:48,400

science but then ten years later last

188

00:08:53,010 --> 00:08:50,860

year we were coming up of the 10th

189

00:08:55,080 --> 00:08:53,020

anniversary of this famous court case

190

00:08:56,820 --> 00:08:55,090

that happened in 2005 oh is that is that

191

00:09:00,060 --> 00:08:56,830

the one that's in God's not too dead I

192

00:09:02,100 --> 00:09:00,070

saw that that movie oh it's got Melissa

193

00:09:04,140 --> 00:09:02,110

Joan Jardin is that the new movie yeah

194

00:09:06,270 --> 00:09:04,150

is that the new movie is that that court

195

00:09:07,860 --> 00:09:06,280

case wasn't I actually believe it's not

196

00:09:10,440 --> 00:09:07,870

I think it's like that movie is

197

00:09:11,880 --> 00:09:10,450

fictional oh yeah and I have not seen

198

00:09:14,040 --> 00:09:11,890

the movie but it's a fictional movie I

199

00:09:16,800 --> 00:09:14,050

believe it portrays the courtroom

200

00:09:18,390 --> 00:09:16,810

fantasy about because the anti

201  
00:09:20,580 --> 00:09:18,400  
evolutionists have these dreams and they

202  
00:09:22,650 --> 00:09:20,590  
write they've written many fictional

203  
00:09:24,000 --> 00:09:22,660  
pieces where they dream that there will

204  
00:09:25,920 --> 00:09:24,010  
be a court case and they'll get shown to

205  
00:09:30,090 --> 00:09:25,930  
be right so I was involved in an actual

206  
00:09:34,350 --> 00:09:30,100  
united states federal trial in 2005 and

207  
00:09:35,850 --> 00:09:34,360  
in that actual case in pennsylvania you

208  
00:09:37,470 --> 00:09:35,860  
know the creationists went into that

209  
00:09:39,360 --> 00:09:37,480  
case thinking it would be sort of like

210  
00:09:41,700 --> 00:09:39,370  
these various movies and things that

211  
00:09:43,470 --> 00:09:41,710  
they do but it turns out there their

212  
00:09:45,780 --> 00:09:43,480  
lawyers are about as good as their

213  
00:09:47,640 --> 00:09:45,790

scientists and we had much better

214

00:09:49,380 --> 00:09:47,650

lawyers and much better scientists and

215

00:09:51,360 --> 00:09:49,390

it was really a crushing victory for

216

00:09:53,130 --> 00:09:51,370

evolution so that's part of what I'm

217

00:09:54,960 --> 00:09:53,140

going to talk about tonight and actually

218

00:09:56,670 --> 00:09:54,970

that court case had this had a big

219

00:09:58,500 --> 00:09:56,680

impact on the evolution of anti

220

00:10:01,560 --> 00:09:58,510

evolutionism which is the other thing

221

00:10:03,330 --> 00:10:01,570

I'll talk about now the anti-evolution

222

00:10:05,700 --> 00:10:03,340

is to bring the Bible is there evidence

223

00:10:08,760 --> 00:10:05,710

how does that stand up in the court ah

224

00:10:10,680 --> 00:10:08,770

well it all depends on your country's

225

00:10:12,630 --> 00:10:10,690

sort of framework for deciding these

226

00:10:14,400 --> 00:10:12,640

things Saudi Arabia that probably

227

00:10:16,650 --> 00:10:14,410

wouldn't go so well but the Quran would

228

00:10:18,030 --> 00:10:16,660

work there yeah well nuts that's how

229

00:10:20,370 --> 00:10:18,040

they run those things the United States

230

00:10:24,030 --> 00:10:20,380

right as has pretty official separation

231

00:10:26,430 --> 00:10:24,040

of church and state and so if if the

232

00:10:27,540 --> 00:10:26,440

Bible is being used explicitly in a

233

00:10:30,960 --> 00:10:27,550

science classroom

234

00:10:32,370 --> 00:10:30,970

that will get ruled unconstitutional now

235

00:10:34,440 --> 00:10:32,380

because of that there have been several

236

00:10:36,480 --> 00:10:34,450

generations of evolution of these

237

00:10:38,490 --> 00:10:36,490

creationist arguments to make them seem

238

00:10:40,320 --> 00:10:38,500

less based on the Bible and that's where

239

00:10:43,470 --> 00:10:40,330

things get interesting so in the 1980s

240

00:10:45,060 --> 00:10:43,480

we had creation science that was the

241

00:10:47,940 --> 00:10:45,070

phrase that was used and that got ruled

242

00:10:49,560 --> 00:10:47,950

unconstitutional in the in 2005 we had

243

00:10:52,019 --> 00:10:49,570

the intelligent design and that was that

244

00:10:53,310 --> 00:10:52,029

court case in 2005 and after that we've

245

00:10:54,900 --> 00:10:53,320

had these other strategies that have

246

00:10:56,759 --> 00:10:54,910

been promoted so and there's not yet

247

00:10:58,920 --> 00:10:56,769

been a court case on those so so it

248

00:11:01,199 --> 00:10:58,930

keeps it keeps changing kind of under

249

00:11:03,210 --> 00:11:01,209

legal pressure well with the new one it

250

00:11:05,460 --> 00:11:03,220

appears to be if you have a sincerely

251

00:11:08,190 --> 00:11:05,470

held religious belief is there a chance

252

00:11:10,800 --> 00:11:08,200

that this will be used to beat evolution

253

00:11:13,170 --> 00:11:10,810

over the head oh so there have been some

254

00:11:16,009 --> 00:11:13,180

attempts in at that kind of argument

255

00:11:18,180 --> 00:11:16,019

they haven't won as far as I know

256

00:11:19,560 --> 00:11:18,190

there's this balancing act that the

257

00:11:21,180 --> 00:11:19,570

government has to play between there's

258

00:11:23,310 --> 00:11:21,190

two clauses in the First Amendment of

259

00:11:24,530 --> 00:11:23,320

the US Constitution one says the

260

00:11:26,790 --> 00:11:24,540

government shall make no law respecting

261

00:11:30,630 --> 00:11:26,800

establishment of religion and the other

262

00:11:32,850 --> 00:11:30,640

one says or or impacting free exercise

263

00:11:35,310 --> 00:11:32,860

thereof so the Free Exercise Clause

264

00:11:37,769 --> 00:11:35,320

sometimes gets used to say well my

265

00:11:39,960 --> 00:11:37,779

personal religious belief means that you

266

00:11:42,090 --> 00:11:39,970

can't apress me by teaching my children

267

00:11:43,860 --> 00:11:42,100

about science or something those cases

268

00:11:47,040 --> 00:11:43,870

have usually lost because the argument

269

00:11:48,300 --> 00:11:47,050

is teaching science has a secular

270

00:11:50,250 --> 00:11:48,310

purpose the government the whole point

271

00:11:52,560 --> 00:11:50,260

of having a government is to do secular

272

00:11:54,210 --> 00:11:52,570

things teaching science is one of those

273

00:11:56,670 --> 00:11:54,220

and so those court cases haven't usually

274

00:11:58,620 --> 00:11:56,680

one but people keep trying to invent new

275

00:12:00,600 --> 00:11:58,630

versions of these arguments now does it

276

00:12:03,840 --> 00:12:00,610

keep you awake it not all these threats

277

00:12:05,340 --> 00:12:03,850

to the whole thing literally it has

278

00:12:07,680 --> 00:12:05,350

sometimes because you know I actually

279

00:12:09,780 --> 00:12:07,690

worked on these issues and and still

280

00:12:12,030 --> 00:12:09,790

sometimes you know I debate these guys

281

00:12:14,220 --> 00:12:12,040

on the internet and stuff I'd dropped

282

00:12:15,960 --> 00:12:14,230

out some because there's been less of

283

00:12:18,389 --> 00:12:15,970

this issue in the public eye although

284

00:12:20,550 --> 00:12:18,399

it's still going on so it mostly depends

285

00:12:22,710 --> 00:12:20,560

on how annoyed you are right it's some

286

00:12:23,910 --> 00:12:22,720

particular set of arguments that someone

287

00:12:25,319 --> 00:12:23,920

who does is professionally in a

288

00:12:26,910 --> 00:12:25,329

courtroom the last thing you want to do

289

00:12:28,110 --> 00:12:26,920

late at night is start an argument with

290

00:12:29,340 --> 00:12:28,120

someone on the Internet you don't need

291

00:12:32,430 --> 00:12:29,350

that sort of aggravation in your life

292

00:12:34,889 --> 00:12:32,440

sir well you if it was a rational thing

293

00:12:37,110 --> 00:12:34,899

you'd be right it's you know I started

294

00:12:38,819 --> 00:12:37,120

out doing that as a hobby before even

295

00:12:40,000 --> 00:12:38,829

before it was a big issue was just kind

296

00:12:42,160 --> 00:12:40,010

of people are wrong on the internet

297

00:12:45,580 --> 00:12:42,170

and I was learning evolution myself at

298

00:12:47,170 --> 00:12:45,590

the times this is what 15 years ago so I

299

00:12:49,720 --> 00:12:47,180

did it for fun and I still occasionally

300

00:12:52,420 --> 00:12:49,730

do it for fun alive I've you know heard

301  
00:12:54,070 --> 00:12:52,430  
almost every argument so it is usually

302  
00:12:56,980 --> 00:12:54,080  
only if something new pops up will I

303  
00:12:59,200 --> 00:12:56,990  
sort of get interested in it um now they

304  
00:13:00,930 --> 00:12:59,210  
still trying to push the earth is 6,000

305  
00:13:03,880 --> 00:13:00,940  
years old or was that a particular

306  
00:13:05,650 --> 00:13:03,890  
fundamentalist group that one say oh so

307  
00:13:07,960 --> 00:13:05,660  
well amongst creationists you have your

308  
00:13:09,550 --> 00:13:07,970  
young earth creationists that think the

309  
00:13:11,290 --> 00:13:09,560  
earth is that young and you have your

310  
00:13:13,360 --> 00:13:11,300  
old earth creationists that think it's

311  
00:13:15,220 --> 00:13:13,370  
billions of years old but they still

312  
00:13:17,500 --> 00:13:15,230  
don't believe in evolution and the

313  
00:13:19,480 --> 00:13:17,510

intelligent design movement was kind of

314

00:13:21,400 --> 00:13:19,490

about trying to bring those two camps

315

00:13:23,680 --> 00:13:21,410

together despite their disagreements to

316

00:13:25,630 --> 00:13:23,690

both gang up on evolution and that

317

00:13:26,920 --> 00:13:25,640

turned out to backfire illegally because

318

00:13:29,110 --> 00:13:26,930

if you include the young earth

319

00:13:32,740 --> 00:13:29,120

creationists and it's particularly clear

320

00:13:34,300 --> 00:13:32,750

that it's a biblically based thing so

321

00:13:36,070 --> 00:13:34,310

they tried to cover that over it didn't

322

00:13:37,150 --> 00:13:36,080

really work very well so that fight

323

00:13:42,640 --> 00:13:37,160

still goes on amongst the

324

00:13:45,220 --> 00:13:42,650

fundamentalists but yeah behind the home

325

00:13:47,230 --> 00:13:45,230

non belief in evolution is that people

326

00:13:49,420 --> 00:13:47,240

that want to be Bible literalists or is

327

00:13:54,310 --> 00:13:49,430

it people that just don't trust science

328

00:13:56,050 --> 00:13:54,320

oh how to say that I mean they obviously

329

00:13:58,300 --> 00:13:56,060

don't trust science although they claim

330

00:14:00,670 --> 00:13:58,310

to love science but the fundamental

331

00:14:02,860 --> 00:14:00,680

thing is generally the biblical

332

00:14:04,810 --> 00:14:02,870

literalism and fundamentalism that's

333

00:14:06,790 --> 00:14:04,820

that is the beating heart of all these

334

00:14:09,550 --> 00:14:06,800

anti-evolution movements you get a few

335

00:14:11,770 --> 00:14:09,560

people who are I would say contrarians

336

00:14:14,070 --> 00:14:11,780

who just don't believe you know anything

337

00:14:15,940 --> 00:14:14,080

that the majority says or the dominant

338

00:14:17,650 --> 00:14:15,950

authorities say right and so those

339

00:14:19,750 --> 00:14:17,660

people exist fate they don't tend to be

340

00:14:20,980 --> 00:14:19,760

that organized they do tend to jump in

341

00:14:22,900 --> 00:14:20,990

like if they write a book the

342

00:14:23,890 --> 00:14:22,910

creationist soul site that book and say

343

00:14:26,140 --> 00:14:23,900

look there's somebody who's not a

344

00:14:27,940 --> 00:14:26,150

fundamentalist who's on our side but but

345

00:14:30,160 --> 00:14:27,950

they're not a major player I would say

346

00:14:32,050 --> 00:14:30,170

is Texas still the hot better this as

347

00:14:34,480 --> 00:14:32,060

far as the textbooks are concerned I

348

00:14:36,460 --> 00:14:34,490

believe that text though as goes Texas

349

00:14:38,560 --> 00:14:36,470

with the textbooks it goes to the rest

350

00:14:40,090 --> 00:14:38,570

of the United States is that's still an

351

00:14:41,830 --> 00:14:40,100

issue because they try and put an issue

352

00:14:43,960 --> 00:14:41,840

in at Texas and that spreads is that

353

00:14:46,120 --> 00:14:43,970

explain that to Australian less done

354

00:14:47,800 --> 00:14:46,130

yeah so this is one of the weird

355

00:14:49,840 --> 00:14:47,810

features of the u.s. rate is fifty

356

00:14:52,830 --> 00:14:49,850

states each state makes its own

357

00:14:54,740 --> 00:14:52,840

education policy and choose

358

00:14:56,970 --> 00:14:54,750

zone textbooks for the students and

359

00:14:59,880 --> 00:14:56,980

Texas is about the second biggest

360

00:15:02,610 --> 00:14:59,890

textbook market and for decades and

361

00:15:05,790 --> 00:15:02,620

decades the State Board of Education has

362

00:15:08,400 --> 00:15:05,800

been run very often by very conservative

363

00:15:11,550 --> 00:15:08,410

members and they often give a lot of

364

00:15:13,740 --> 00:15:11,560

they'll invite creations to testify the

365

00:15:15,870 --> 00:15:13,750

let creationists mess around with the

366

00:15:18,150 --> 00:15:15,880

textbook adoption process and that is

367

00:15:20,130 --> 00:15:18,160

still going on and it'll go on and tell

368

00:15:22,590 --> 00:15:20,140

the voters you know change the politics

369

00:15:24,770 --> 00:15:22,600

of that board so yeah every couple years

370

00:15:27,180 --> 00:15:24,780

there's a big fight over text books the

371

00:15:29,940 --> 00:15:27,190

influence of Texas on other states is

372

00:15:32,790 --> 00:15:29,950

somewhat reduced now because basically

373

00:15:34,380 --> 00:15:32,800

if computers they can it's easier to

374

00:15:36,140 --> 00:15:34,390

edit text books and make state-specific

375

00:15:38,250 --> 00:15:36,150

editions in the olden days it was just

376

00:15:40,680 --> 00:15:38,260

publisher would only write one book and

377

00:15:42,710 --> 00:15:40,690

send it everywhere so it's a little it's

378

00:15:44,940 --> 00:15:42,720

a little modified but on the other hand

379

00:15:46,830 --> 00:15:44,950

that creates its own problem because

380

00:15:48,510 --> 00:15:46,840

it's possible you know it's still bad if

381

00:15:50,430 --> 00:15:48,520

texas has bad text books that's still a

382

00:15:51,840 --> 00:15:50,440

problem right so the fact that the

383

00:15:54,060 --> 00:15:51,850

publishers can hit a few buttons and

384

00:15:55,470 --> 00:15:54,070

produce a watered-down science textbook

385

00:15:58,530 --> 00:15:55,480

for a certain state that's not very good

386

00:16:00,420 --> 00:15:58,540

so overall recently the publishers due

387

00:16:01,710 --> 00:16:00,430

to pressure from Pro science people the

388

00:16:03,900 --> 00:16:01,720

publishers have been much better about

389

00:16:06,690 --> 00:16:03,910

resisting political attempts to screw

390

00:16:08,370 --> 00:16:06,700

around with the science education and so

391

00:16:10,680 --> 00:16:08,380

that is actually improved but it's

392

00:16:12,690 --> 00:16:10,690

taking work by scientific societies to

393

00:16:14,790 --> 00:16:12,700

make that happen and what is the most

394

00:16:18,330 --> 00:16:14,800

conservative state and has the most

395

00:16:19,830 --> 00:16:18,340

friction against evolution automatically

396

00:16:21,810 --> 00:16:19,840

run things somewhere down south so I'll

397

00:16:23,820 --> 00:16:21,820

be thinking maybe Tennessee Louisiana

398

00:16:26,070 --> 00:16:23,830

ethic like that or am i just being you

399

00:16:28,410 --> 00:16:26,080

know am i just being Australian thinking

400

00:16:31,050 --> 00:16:28,420

wrong now you've heard right those are

401  
00:16:33,090 --> 00:16:31,060  
two of the big ones um Mississippi has

402  
00:16:34,680 --> 00:16:33,100  
issues like part of what I was studying

403  
00:16:36,600 --> 00:16:34,690  
in this study of the evolution of

404  
00:16:38,790 --> 00:16:36,610  
anti-evolution is where do these bills

405  
00:16:40,350 --> 00:16:38,800  
get past these anti-evolution bills and

406  
00:16:42,030 --> 00:16:40,360  
currently there's one passed in

407  
00:16:43,470 --> 00:16:42,040  
Louisiana there's one passed in

408  
00:16:45,450 --> 00:16:43,480  
Tennessee and there's one passed in

409  
00:16:46,560 --> 00:16:45,460  
Mississippi um so if you talk about

410  
00:16:50,160 --> 00:16:46,570  
something that's passed by the state

411  
00:16:51,990 --> 00:16:50,170  
legislature to affect curriculum those

412  
00:16:53,940 --> 00:16:52,000  
are the three states to have them those

413  
00:16:55,290 --> 00:16:53,950

particular policies are they you know

414

00:16:57,960 --> 00:16:55,300

because of all these other court cases

415

00:17:00,150 --> 00:16:57,970

they're pretty watered down so their

416

00:17:01,620 --> 00:17:00,160

effect is debatable but there's still

417

00:17:04,020 --> 00:17:01,630

quite annoying if you're if you're a

418

00:17:06,180 --> 00:17:04,030

science advocate because they open the

419

00:17:08,250 --> 00:17:06,190

door basically for teachers to

420

00:17:10,200 --> 00:17:08,260

teach alternatives to evolution they

421

00:17:11,550 --> 00:17:10,210

won't say what the alternatives are but

422

00:17:14,220 --> 00:17:11,560

they'll say oh yeah let's teach critical

423

00:17:15,750 --> 00:17:14,230

analysis of evolution and of course

424

00:17:17,280 --> 00:17:15,760

that's that's intended to give

425

00:17:18,870 --> 00:17:17,290

permission to teachers to teach

426

00:17:20,760 --> 00:17:18,880

creationism that's what the whole point

427

00:17:21,930 --> 00:17:20,770

of it is but it's all very hidden so

428

00:17:25,260 --> 00:17:21,940

that they won't get challenged in court

429

00:17:26,340 --> 00:17:25,270

I'm not a problem with them and what

430

00:17:28,320 --> 00:17:26,350

actually what is the problem with

431

00:17:30,390 --> 00:17:28,330

accepting evolution and saying that God

432

00:17:32,850 --> 00:17:30,400

had a the the glory of Jesus Christ had

433

00:17:35,010 --> 00:17:32,860

a overseeing effect on the whole thing

434

00:17:37,110 --> 00:17:35,020

like he can still be there in a 70 East

435

00:17:39,060 --> 00:17:37,120

kind of way and that doesn't deny the

436

00:17:41,520 --> 00:17:39,070

existence of God by saying evolutions

437

00:17:43,920 --> 00:17:41,530

true does it that doesn't bother me

438

00:17:47,910 --> 00:17:43,930

personally um many some people are

439

00:17:49,320 --> 00:17:47,920

bothered by it it depends on you know it

440

00:17:50,910 --> 00:17:49,330

depends whether you're bein issue is

441

00:17:54,120 --> 00:17:50,920

science education or kind of atheism

442

00:17:55,650 --> 00:17:54,130

right and some people are advocates for

443

00:17:58,860 --> 00:17:55,660

atheism and that is their right to do

444

00:18:01,110 --> 00:17:58,870

and that's perfectly fine the I think

445

00:18:03,090 --> 00:18:01,120

the theological arguments are belong

446

00:18:04,770 --> 00:18:03,100

outside of the the government schools at

447

00:18:06,150 --> 00:18:04,780

least in the US where we have this

448

00:18:07,860 --> 00:18:06,160

pretty strict separation of church and

449

00:18:09,600 --> 00:18:07,870

state and also you know in the

450

00:18:11,880 --> 00:18:09,610

scientific community you won't find a

451

00:18:13,470 --> 00:18:11,890

lot of enthusiasm typically for for

452

00:18:16,200 --> 00:18:13,480

bringing theological debates like that

453

00:18:17,490 --> 00:18:16,210

into the scientific discussion so I

454

00:18:19,080 --> 00:18:17,500

think you know you should keep your

455

00:18:21,140 --> 00:18:19,090

science and your theology separate right

456

00:18:23,730 --> 00:18:21,150

so you have your scientific debates as

457

00:18:25,080 --> 00:18:23,740

professionals where everywhere is people

458

00:18:27,690 --> 00:18:25,090

of all sorts of different religions in

459

00:18:30,330 --> 00:18:27,700

science and in the government's that are

460

00:18:32,180 --> 00:18:30,340

funding you know science so you have

461

00:18:34,500 --> 00:18:32,190

your scientific debates there and then

462

00:18:36,300 --> 00:18:34,510

anyone who wishes to is totally free to

463

00:18:38,730 --> 00:18:36,310

engage in theological discussions about

464

00:18:40,710 --> 00:18:38,740

what that science means but I would hope

465

00:18:42,900 --> 00:18:40,720

people can I mean science is the part

466

00:18:46,320 --> 00:18:42,910

that is based on you know empirical

467

00:18:47,520 --> 00:18:46,330

testing and in on hard data and that's

468

00:18:48,840 --> 00:18:47,530

the part that people should ought to be

469

00:18:49,740 --> 00:18:48,850

able to agree on and then leave the rest

470

00:18:52,140 --> 00:18:49,750

of it for their philosophical

471

00:18:54,360 --> 00:18:52,150

discussions and Nick what is the next

472

00:18:55,950 --> 00:18:54,370

evolution of the flowchart of the

473

00:18:57,690 --> 00:18:55,960

anti-evolution movement what's the next

474

00:19:00,450 --> 00:18:57,700

battle do you think you may have 25 ah

475

00:19:02,280 --> 00:19:00,460

well right now so they're about 70 of

476

00:19:05,550 --> 00:19:02,290

these anti-evolution bills that have

477

00:19:07,350 --> 00:19:05,560

been proposed over the last ten years as

478

00:19:08,580 --> 00:19:07,360

I mentioned two of them have I guess two

479

00:19:11,340 --> 00:19:08,590

of them have passed a third one is

480

00:19:13,590 --> 00:19:11,350

highly modified got past arm and right

481

00:19:16,470 --> 00:19:13,600

now it's not clear what the impact those

482

00:19:18,030 --> 00:19:16,480

bills are having we suspect that certain

483

00:19:18,549 --> 00:19:18,040

teachers and certain school districts

484

00:19:21,009 --> 00:19:18,559

are using

485

00:19:24,100 --> 00:19:21,019

to basically teach creationism in the

486

00:19:26,529 --> 00:19:24,110

public schools in the US Armed there may

487

00:19:29,049 --> 00:19:26,539

not be those bills keep getting pushed

488

00:19:31,749 --> 00:19:29,059

in other states every year so sooner or

489

00:19:34,779 --> 00:19:31,759

later somebody will use it in a public

490

00:19:37,210 --> 00:19:34,789

enough way and in an annoying enough way

491

00:19:38,710 --> 00:19:37,220

that some other parent who doesn't want

492

00:19:40,360 --> 00:19:38,720

this to happen with their students will

493

00:19:41,769 --> 00:19:40,370

complain and then there could be a

494

00:19:43,960 --> 00:19:41,779

political fighter there could be a legal

495

00:19:46,810 --> 00:19:43,970

battle about it and then we'll see how

496

00:19:49,060 --> 00:19:46,820

these these bills fares so so yeah it's

497

00:19:50,649 --> 00:19:49,070

one of these issues you know there every

498

00:19:53,289 --> 00:19:50,659

10 or 20 years there's a huge battle

499

00:19:55,180 --> 00:19:53,299

somewhere we had a big one in 2005 ten

500

00:19:56,529 --> 00:19:55,190

years ago right now the issue is kind of

501  
00:19:58,720 --> 00:19:56,539  
under the radar but it's going to come

502  
00:20:00,129 --> 00:19:58,730  
back at some point it only does what

503  
00:20:01,659 --> 00:20:00,139  
about in Australia is this an issue that

504  
00:20:03,999 --> 00:20:01,669  
we have to deal with you in Australia I

505  
00:20:05,499 --> 00:20:04,009  
haven't heard of any really big public

506  
00:20:07,899 --> 00:20:05,509  
stashes like you have over there in the

507  
00:20:10,570 --> 00:20:07,909  
u.s. oh yeah my impression is it's not

508  
00:20:12,519 --> 00:20:10,580  
as big an issue here but again these

509  
00:20:14,230 --> 00:20:12,529  
things tend to come back there's there

510  
00:20:16,090 --> 00:20:14,240  
are some famous creationists that are

511  
00:20:18,269 --> 00:20:16,100  
from Australia they ended up you know

512  
00:20:20,440 --> 00:20:18,279  
the most famous one ended up in the US

513  
00:20:22,980 --> 00:20:20,450

which is where most of the money is for

514

00:20:27,359 --> 00:20:22,990

this kind of thing but they still have

515

00:20:29,830 --> 00:20:27,369

wings of their movement in Australia and

516

00:20:31,509 --> 00:20:29,840

and the other thing i've discovered is

517

00:20:34,330 --> 00:20:31,519

that internationally around the world

518

00:20:37,690 --> 00:20:34,340

american fundamentalist tend to export

519

00:20:39,330 --> 00:20:37,700

their views quite actively right so they

520

00:20:41,889 --> 00:20:39,340

tend to found churches send missionaries

521

00:20:44,379 --> 00:20:41,899

they do it all the kind any country they

522

00:20:45,700 --> 00:20:44,389

can and often before anyone's even

523

00:20:47,409 --> 00:20:45,710

paying attention there will be an entire

524

00:20:49,810 --> 00:20:47,419

you know large mega church of

525

00:20:51,220 --> 00:20:49,820

fundamentalist somewhere and they'll

526  
00:20:53,440 --> 00:20:51,230  
bring in one of these American

527  
00:20:55,480 --> 00:20:53,450  
anti-evolution speakers and pretty soon

528  
00:20:57,460 --> 00:20:55,490  
you have hundreds of people parents

529  
00:20:59,350 --> 00:20:57,470  
riled up about evolution and they'll

530  
00:21:01,720 --> 00:20:59,360  
start complaining or try and get

531  
00:21:03,970 --> 00:21:01,730  
modifications to their a local education

532  
00:21:05,409 --> 00:21:03,980  
system and then it gets political so so

533  
00:21:06,970 --> 00:21:05,419  
it can happen in any country so it's

534  
00:21:08,289 --> 00:21:06,980  
worth being aware of what's going on I

535  
00:21:09,820 --> 00:21:08,299  
mean it's good that there's less of it

536  
00:21:11,529 --> 00:21:09,830  
happening in Australia but you always

537  
00:21:13,119 --> 00:21:11,539  
got to sort of pay attention to what's

538  
00:21:14,590 --> 00:21:13,129

going on well where can people catch you

539

00:21:16,269 --> 00:21:14,600

online to find out what you're up to and

540

00:21:18,519 --> 00:21:16,279

where can we find you online sir website

541

00:21:20,859 --> 00:21:18,529

yeah if you google me my name is Nick

542

00:21:22,239 --> 00:21:20,869

Matzke that'll that'll bring up all the

543

00:21:24,460 --> 00:21:22,249

stuff I even there's somebody made a

544

00:21:26,680 --> 00:21:24,470

Wikipedia page for me so that that goes

545

00:21:27,670 --> 00:21:26,690

through all the history so so that'll

546

00:21:28,660 --> 00:21:27,680

start you up

547

00:21:31,150 --> 00:21:28,670

hope you don't lose too much sleep

548

00:21:32,170 --> 00:21:31,160

tonight on the internet arguing me that

549

00:21:33,760 --> 00:21:32,180

he won and thanks for joining us here

550

00:22:07,770 --> 00:21:33,770

for the big dinner tonight Nick hey

551  
00:22:16,350 --> 00:22:13,000  
are you skeptical skip decal in other

552  
00:22:18,640 --> 00:22:16,360  
words do you see yourself attending

553  
00:22:20,950 --> 00:22:18,650  
northern california science and

554  
00:22:23,980 --> 00:22:20,960  
skepticism conference Sunday May

555  
00:22:26,410 --> 00:22:23,990  
fifteenth I see myself attending that I

556  
00:22:29,200 --> 00:22:26,420  
would like to attend that I if I

557  
00:22:32,110 --> 00:22:29,210  
visualize things you know if I use the

558  
00:22:36,220 --> 00:22:32,120  
secret the law of attraction let me see

559  
00:22:40,590 --> 00:22:36,230  
concentrate now concentrate lovely

560  
00:22:43,060 --> 00:22:40,600  
airline sending me ticket to skeptical

561  
00:22:45,310 --> 00:22:43,070  
well I don't think that'll happen but

562  
00:22:47,350 --> 00:22:45,320  
I'd love to go skeptic Cal is the

563  
00:22:49,360 --> 00:22:47,360

Northern Californian conference and

564

00:22:52,030 --> 00:22:49,370

science and skepticism a day-long event

565

00:22:54,970 --> 00:22:52,040

with speakers panels and discussions on

566

00:22:57,100 --> 00:22:54,980

a wide array of subjects the 2016

567

00:22:59,830 --> 00:22:57,110

skeptical event will be held on my

568

00:23:03,100 --> 00:22:59,840

fifteenth at the Oakland Asian Cultural

569

00:23:06,310 --> 00:23:03,110

Center they have once again put together

570

00:23:08,890 --> 00:23:06,320

another all-star cast of speakers make

571

00:23:10,840 --> 00:23:08,900

sure you save the date I am saving I

572

00:23:12,210 --> 00:23:10,850

promise I'm saving the date but no

573

00:23:14,260 --> 00:23:12,220

forget their brain saving the day

574

00:23:17,740 --> 00:23:14,270

there's going to be talks about

575

00:23:20,260 --> 00:23:17,750

exploring Saturn our ancient ancestors

576  
00:23:23,800 --> 00:23:20,270  
from erectus everything you know about

577  
00:23:27,360 --> 00:23:23,810  
autism history is wrong brain myths

578  
00:23:31,390 --> 00:23:27,370  
lessons from neuroscience vaccinations

579  
00:23:34,540 --> 00:23:31,400  
testing psychic powers gene editing and

580  
00:23:36,790 --> 00:23:34,550  
a workshop for producing skeptical

581  
00:23:41,050 --> 00:23:36,800  
children boggles the mind it sounds like

582  
00:23:49,420 --> 00:23:41,060  
a terrific day skeptical Northern

583  
00:23:55,480 --> 00:23:49,430  
California at ww skeptical sk-ii PT IC

584  
00:23:58,750 --> 00:23:55,490  
al Con Thien calm skeptical condo

585  
00:24:00,900 --> 00:23:58,760  
that's a mouthful you might even get to

586  
00:24:03,850 --> 00:24:00,910  
meet someone like oh I don't know

587  
00:24:06,340 --> 00:24:03,860  
Eugenie Scott who worth the price of

588  
00:24:08,230 --> 00:24:06,350

admission alone folks and if the law of

589

00:24:12,210 --> 00:24:08,240

attraction truly does work I might even

590

00:24:15,340 --> 00:24:12,220

see you there myself well we can try

591

00:24:35,710 --> 00:24:15,350

skeptical Northern California's science

592

00:24:38,350 --> 00:24:35,720

and skepticism conference CS stop simply

593

00:24:40,240 --> 00:24:38,360

idiot hey Sal you guys guys I just had

594

00:24:42,220 --> 00:24:40,250

the most amazing experience what

595

00:24:43,600 --> 00:24:42,230

experience unders unders have you been

596

00:24:45,760 --> 00:24:43,610

to the pub I told you not to hang out

597

00:24:47,770 --> 00:24:45,770

with mash you know she was blessed by

598

00:24:50,530 --> 00:24:47,780

peter Popoff no yellow no i'm not

599

00:24:52,840 --> 00:24:50,540

talking about psychics it was a really

600

00:24:54,549 --> 00:24:52,850

SP experience now you have been to the

601  
00:24:57,250 --> 00:24:54,559  
pub either that or you've been smoking

602  
00:24:59,740 --> 00:24:57,260  
something no pointers the ESB is the

603  
00:25:01,900 --> 00:24:59,750  
European skeptics podcast it's the most

604  
00:25:03,700 --> 00:25:01,910  
amazing thing you get to know so much

605  
00:25:06,549 --> 00:25:03,710  
about skeptics and their activities

606  
00:25:08,650 --> 00:25:06,559  
across Europe you know events hot topics

607  
00:25:10,870 --> 00:25:08,660  
and interviews with lots of interesting

608  
00:25:12,610 --> 00:25:10,880  
people oh wow cool by the way pointers

609  
00:25:15,040 --> 00:25:12,620  
you just come into the false dichotomy

610  
00:25:17,890 --> 00:25:15,050  
fallacy I guess that means I'm really

611  
00:25:19,900 --> 00:25:17,900  
wrong yep and you can even learn about

612  
00:25:22,390 --> 00:25:19,910  
those fallacies in the show and hear

613  
00:25:24,669 --> 00:25:22,400

about people spreading silly ideas you

614

00:25:27,640 --> 00:25:24,679

should really check it out it's the ESP

615

00:25:30,340 --> 00:25:27,650

the European skeptics podcast it's on

616

00:25:32,650 --> 00:25:30,350

never weak alright so where can I get

617

00:25:35,350 --> 00:25:32,660

this is the experience it sounds good

618

00:25:38,410 --> 00:25:35,360

you can go online at the ESP do to you

619

00:25:41,440 --> 00:25:38,420

follow it on twitter at es podcast

620

00:25:43,570 --> 00:25:41,450

underscore EU or like the podcast on

621

00:25:46,630 --> 00:25:43,580

facebook oh and you can also contact the

622

00:25:50,470 --> 00:25:46,640

show by sending them an email to info at

623

00:25:52,510 --> 00:25:50,480

the ESPE you and if you want to

624

00:25:55,260 --> 00:25:52,520

subscribe do a quick search for the

625

00:25:58,090 --> 00:25:55,270

european skeptic podcast on soundcloud

626

00:26:11,860 --> 00:25:58,100

itunes or stitcher

627

00:26:14,620 --> 00:26:11,870

I don't know I you can't believe now

628

00:26:20,919 --> 00:26:14,630

it's time for dr. Richie reports with

629

00:26:23,980 --> 00:26:20,929

dr. Rachel Dunlop now we've heard of the

630

00:26:26,830 --> 00:26:23,990

no jab no play law and now they're

631

00:26:28,510 --> 00:26:26,840

central ings no jab nope a law but what

632

00:26:30,010 --> 00:26:28,520

happens when parents can't agree on

633

00:26:32,260 --> 00:26:30,020

whether their children should be

634

00:26:36,070 --> 00:26:32,270

vaccinated an Australian mother is now

635

00:26:37,409 --> 00:26:36,080

taking action to find out she's the

636

00:26:40,390 --> 00:26:37,419

Queensland mother causing widespread

637

00:26:42,700 --> 00:26:40,400

controversy over a fundraising page and

638

00:26:44,980 --> 00:26:42,710

a patel is willing to do anything to

639

00:26:47,020 --> 00:26:44,990

stop her former partner from vaccinating

640

00:26:49,419 --> 00:26:47,030

their two young children using a

641

00:26:52,120 --> 00:26:49,429

GoFundMe page to raise ten thousand

642

00:26:54,279 --> 00:26:52,130

dollars to take him to court poster just

643

00:26:55,960 --> 00:26:54,289

a few days ago miss patel explains that

644

00:26:58,180 --> 00:26:55,970

the seven and three year olds have never

645

00:27:00,340 --> 00:26:58,190

been vaccinated an issue that remains

646

00:27:02,140 --> 00:27:00,350

paramount to her and now the children's

647

00:27:04,720 --> 00:27:02,150

father is stepping in to change that

648

00:27:06,610 --> 00:27:04,730

their father Anil has revealed that

649

00:27:08,950 --> 00:27:06,620

despite taking a back seat on the issue

650

00:27:12,159 --> 00:27:08,960

in the past he's now concerned for their

651  
00:27:14,230 --> 00:27:12,169  
help so far miss patel's public play has

652  
00:27:16,510 --> 00:27:14,240  
raised two hundred and ninety dollars a

653  
00:27:18,640 --> 00:27:16,520  
far cry from the thousands needed to

654  
00:27:20,250 --> 00:27:18,650  
hire a lawyer but this isn't the mother

655  
00:27:22,810 --> 00:27:20,260  
of two s first time in the spotlight

656  
00:27:24,880 --> 00:27:22,820  
last month she allegedly posted on

657  
00:27:27,190 --> 00:27:24,890  
facebook site vaccine free Australia

658  
00:27:29,529 --> 00:27:27,200  
encouraging like-minded parents to lie

659  
00:27:32,289 --> 00:27:29,539  
to center link in order to still receive

660  
00:27:34,390 --> 00:27:32,299  
financial benefits defying the no chat

661  
00:27:36,640 --> 00:27:34,400  
no pay laws that came into effect in

662  
00:27:37,990 --> 00:27:36,650  
January miss Patel has garnered much

663  
00:27:40,149 --> 00:27:38,000

support from anti-vaccination

664

00:27:41,890 --> 00:27:40,159

campaigners but there are thousands of

665

00:27:43,899 --> 00:27:41,900

parents across Australia expressing

666

00:27:48,049 --> 00:27:43,909

their fury calling her behavior

667

00:27:50,580 --> 00:27:48,059

despicable irresponsible and plain crazy

668

00:27:53,250 --> 00:27:50,590

joining us from Sidious family lawyer

669

00:27:55,860 --> 00:27:53,260

Amy Jenkins and dr. Rachel Dunlop from

670

00:27:59,280 --> 00:27:55,870

stop the Australian anti-vaccination

671

00:28:00,930 --> 00:27:59,290

Network Amy first to you under

672

00:28:02,700 --> 00:28:00,940

Australian law the process of

673

00:28:05,040 --> 00:28:02,710

vaccinating children falls within the

674

00:28:07,650 --> 00:28:05,050

scope of pure parental responsibility

675

00:28:11,220 --> 00:28:07,660

what happens in a case like this where

676

00:28:13,200 --> 00:28:11,230

two parents disagree it's a quite a

677

00:28:15,120 --> 00:28:13,210

difficult argument that would have to be

678

00:28:17,810 --> 00:28:15,130

run what would need to happen is if the

679

00:28:20,520 --> 00:28:17,820

parties couldn't reach agreement to

680

00:28:22,500 --> 00:28:20,530

either make the decision to vaccinate or

681

00:28:24,390 --> 00:28:22,510

not to vaccinate the parties would then

682

00:28:26,790 --> 00:28:24,400

need to commence proceedings within the

683

00:28:28,650 --> 00:28:26,800

family court and ask for a judge to

684

00:28:30,180 --> 00:28:28,660

determine what is in their children's

685

00:28:34,890 --> 00:28:30,190

best interest and whether they should be

686

00:28:37,799 --> 00:28:34,900

vaccinated or not okay Rachel both

687

00:28:39,810 --> 00:28:37,809

parents here obviously believe what

688

00:28:42,510 --> 00:28:39,820

they're doing is in the best interests

689

00:28:45,510 --> 00:28:42,520

of the children what can the long-term

690

00:28:49,110 --> 00:28:45,520

effects be of not vaccinating children

691

00:28:51,600 --> 00:28:49,120

in this day and age well this is the

692

00:28:53,970 --> 00:28:51,610

problem because in the long term this

693

00:28:55,620 --> 00:28:53,980

could result in the children contracting

694

00:28:57,330 --> 00:28:55,630

vaccine-preventable diseases and we've

695

00:28:59,700 --> 00:28:57,340

seen the resurgence of some of these

696

00:29:01,650 --> 00:28:59,710

diseases in the in recent times like

697

00:29:04,169 --> 00:29:01,660

whooping cough and also measles recently

698

00:29:06,990 --> 00:29:04,179

in Victoria but importantly it poses a

699

00:29:09,840 --> 00:29:07,000

lifelong risk to the children I mean in

700

00:29:12,200 --> 00:29:09,850

2011 here in Brisbane we actually saw a

701

00:29:14,340 --> 00:29:12,210

22 year old girl died from diphtheria

702

00:29:16,650 --> 00:29:14,350

now who's ever heard of diphtheria

703

00:29:18,330 --> 00:29:16,660

anymore and this was because she hadn't

704

00:29:20,310 --> 00:29:18,340

been vaccinated as a child and a friend

705

00:29:22,560 --> 00:29:20,320

went overseas and brought the disease

706

00:29:24,630 --> 00:29:22,570

back to the country so it's extremely

707

00:29:27,240 --> 00:29:24,640

important that we protect our children

708

00:29:31,230 --> 00:29:27,250

and also as the kids go into adulthood

709

00:29:34,049 --> 00:29:31,240

they need protection as well but Rachel

710

00:29:37,200 --> 00:29:34,059

the anti-vaxxers sort of throw up all

711

00:29:40,530 --> 00:29:37,210

this stuff about it causes autism I

712

00:29:43,350 --> 00:29:40,540

could kill a child now look life is all

713

00:29:47,070 --> 00:29:43,360

about risks is a nut and trading office

714

00:29:48,840 --> 00:29:47,080

and life is not perfect look this is a

715

00:29:50,760 --> 00:29:48,850

really terrible situation for both these

716

00:29:52,049 --> 00:29:50,770

parents because as you say they both

717

00:29:53,820 --> 00:29:52,059

believe they're doing the right thing

718

00:29:55,770 --> 00:29:53,830

but unfortunately it seems that the

719

00:29:57,419 --> 00:29:55,780

mother in this case has either got the

720

00:29:59,860 --> 00:29:57,429

wrong information or being misinformed

721

00:30:01,960 --> 00:29:59,870

because science overwhelmingly show

722

00:30:03,760 --> 00:30:01,970

is that vaccines are safe effective

723

00:30:05,740 --> 00:30:03,770

they're one of the most effective public

724

00:30:08,830 --> 00:30:05,750

health measures that we've ever invented

725

00:30:10,480 --> 00:30:08,840

as scientists and so the father is

726

00:30:11,799 --> 00:30:10,490

really on the side of science he and

727

00:30:17,170 --> 00:30:11,809

unfortunately she has probably been

728

00:30:19,360 --> 00:30:17,180

misled or misinformed yes well said Amy

729

00:30:20,950 --> 00:30:19,370

let's say I mean this mother has only

730

00:30:22,030 --> 00:30:20,960

raised two hundred ninety dollars so

731

00:30:24,190 --> 00:30:22,040

it's not going very well this

732

00:30:26,290 --> 00:30:24,200

crowdfunding campaign but let's say she

733

00:30:29,730 --> 00:30:26,300

did raise enough funds to actually take

734

00:30:32,620 --> 00:30:29,740

this to court how would this play out

735

00:30:35,680 --> 00:30:32,630

look I'm not advising this client

736

00:30:37,540 --> 00:30:35,690

specifically but what I can say is that

737

00:30:39,490 --> 00:30:37,550

the court would need to look at both of

738

00:30:42,160 --> 00:30:39,500

the parties evidence that they brought

739

00:30:44,919 --> 00:30:42,170

forward also the parties would need to

740

00:30:46,210 --> 00:30:44,929

bring forward some medical evidence and

741

00:30:48,760 --> 00:30:46,220

the court would then need to make a

742

00:30:50,530 --> 00:30:48,770

determination based on that evidence and

743

00:30:52,690 --> 00:30:50,540

what the court considers to be the

744

00:30:56,710 --> 00:30:52,700

children's best interests it's a very

745

00:30:58,030 --> 00:30:56,720

difficult case yeah it sure is right

746

00:31:11,280 --> 00:30:58,040

ladies thank you very much for that

747

00:31:15,460 --> 00:31:13,870

today this is dr. Karl Karl Christmas be

748

00:31:17,770 --> 00:31:15,470

proud to be skeptic and you can find out

749

00:31:41,250 --> 00:31:17,780

more about me at dr. Karl calm and get

750

00:31:51,260 --> 00:31:47,970

has published at wwwcom a you gold coast

751  
00:31:54,570 --> 00:31:51,270  
mum passes on whooping cough too baby

752  
00:31:58,890 --> 00:31:54,580  
after refusing vaccine sixth of April

753  
00:32:00,990 --> 00:31:58,900  
2016 by jane hansen a Gold Coast mother

754  
00:32:03,510 --> 00:32:01,000  
who refused the whooping cough vaccine

755  
00:32:06,120 --> 00:32:03,520  
during pregnancy went on to catch the

756  
00:32:08,910 --> 00:32:06,130  
potentially deadly disease and pass it

757  
00:32:11,280 --> 00:32:08,920  
on to her brand-new baby girl the mother

758  
00:32:13,710 --> 00:32:11,290  
who has gone public in a video posted on

759  
00:32:16,470 --> 00:32:13,720  
the Gold Coast Health website to warn

760  
00:32:19,470 --> 00:32:16,480  
others said she had refused the vaccine

761  
00:32:22,500 --> 00:32:19,480  
because she was a quote organic end

762  
00:32:24,990 --> 00:32:22,510  
quote kind of woman quote I was a

763  
00:32:27,600 --> 00:32:25,000

healthy pregnant woman worked out went

764

00:32:29,940 --> 00:32:27,610

to the gym aight very healthily had a

765

00:32:32,400 --> 00:32:29,950

natural birth and somehow in the last

766

00:32:34,950 --> 00:32:32,410

two weeks of my pregnancy I managed to

767

00:32:37,950 --> 00:32:34,960

get whooping cough and didn't know and

768

00:32:40,230 --> 00:32:37,960

quote she said after the birth she went

769

00:32:42,870 --> 00:32:40,240

to the doctor about a persistent cough

770

00:32:44,970 --> 00:32:42,880

and found out she had whooping cough

771

00:32:47,850 --> 00:32:44,980

that had been passed on to her baby

772

00:32:50,670 --> 00:32:47,860

daughter Eva quote Eva was diagnosed

773

00:32:53,820 --> 00:32:50,680

with whooping cough and it is a

774

00:32:56,550 --> 00:32:53,830

nightmare and quote she said quote she

775

00:32:59,880 --> 00:32:56,560

was a bit coffee but within two weeks

776

00:33:03,120 --> 00:32:59,890

the cough became very scary a horror

777

00:33:05,850 --> 00:33:03,130

movie turning blue going floppy in my

778

00:33:08,250 --> 00:33:05,860

hands running to hospital and quote she

779

00:33:10,140 --> 00:33:08,260

said quote she ended up in intensive

780

00:33:11,940 --> 00:33:10,150

care with a baby there just coughs and

781

00:33:15,480 --> 00:33:11,950

coughs and coughs and it's so hard to

782

00:33:18,210 --> 00:33:15,490

watch your tiny little thing go red then

783

00:33:20,460 --> 00:33:18,220

they go blue and sometimes they go black

784

00:33:22,860 --> 00:33:20,470

then for a moment you think they're dead

785

00:33:24,660 --> 00:33:22,870

in your hands they flop a lot of

786

00:33:27,120 --> 00:33:24,670

suffering for a tiny thing you love so

787

00:33:30,840 --> 00:33:27,130

much I was offered the injection in week

788

00:33:34,620 --> 00:33:30,850

28 being the healthy fit organic woman

789

00:33:37,830 --> 00:33:34,630

that I am I said quote leave me alone I

790

00:33:41,040 --> 00:33:37,840

don't need this crap then quote quote I

791

00:33:43,830 --> 00:33:41,050

got over it very quick it was not it was

792

00:33:46,560 --> 00:33:43,840

nothing for me but she is into week four

793

00:33:49,200 --> 00:33:46,570

and every hour I have to stay here and

794

00:33:52,890 --> 00:33:49,210

watch her going blue watch her go blue

795

00:33:54,980 --> 00:33:52,900

watch her cry and give her oxygen she is

796

00:33:56,990 --> 00:33:54,990

my only child and if I could turn

797

00:33:59,740 --> 00:33:57,000

time I would have protected myself

798

00:34:02,090 --> 00:33:59,750

that's my message end quote she said

799

00:34:06,560 --> 00:34:02,100

Australia is in the grip of a whooping

800

00:34:10,700 --> 00:34:06,570

cough epidemic with a 20 2516 cases

801  
00:34:13,970 --> 00:34:10,710  
recorded nationally last year and 5561

802  
00:34:16,280 --> 00:34:13,980  
cases recorded so far this year in April

803  
00:34:18,109 --> 00:34:16,290  
last year free whooping cough boosters

804  
00:34:20,690 --> 00:34:18,119  
were introduced throughout Australia for

805  
00:34:23,330 --> 00:34:20,700  
pregnant women after UK studies proved

806  
00:34:26,090 --> 00:34:23,340  
the Boosters cut infant deaths from

807  
00:34:29,090 --> 00:34:26,100  
whooping cough by ninety percent in that

808  
00:34:34,550 --> 00:34:29,100  
report was by Jane Hansen as published

809  
00:34:38,149 --> 00:34:34,560  
at wwwcom now here is the audio from the

810  
00:34:46,620 --> 00:34:38,159  
lady in question produced by Gold Coast

811  
00:34:51,750 --> 00:34:49,790  
my name is kami and this is Eva and

812  
00:34:55,920 --> 00:34:51,760  
unfortunately we've been in hospital for

813  
00:34:58,710 --> 00:34:55,930

the last three weeks yeah if I was

814

00:35:03,690 --> 00:34:58,720

diagnosed with whooping cough pertussis

815

00:35:07,170 --> 00:35:03,700

and yeah it's been a nightmare I have

816

00:35:11,790 --> 00:35:07,180

been a very healthy pregnant woman no

817

00:35:14,070 --> 00:35:11,800

problems no complications worked worked

818

00:35:17,100 --> 00:35:14,080

out went to the gym every day eight very

819

00:35:19,740 --> 00:35:17,110

healthy had no dis efficiencies had a

820

00:35:21,180 --> 00:35:19,750

natural birth and some power through the

821

00:35:23,430 --> 00:35:21,190

process of the last two weeks of my

822

00:35:25,830 --> 00:35:23,440

pregnancy I've managed to get whooping

823

00:35:29,430 --> 00:35:25,840

cough Donna why and harms and I managed

824

00:35:32,400 --> 00:35:29,440

to get it I didn't know I've given birth

825

00:35:34,470 --> 00:35:32,410

I was coughing a bit I wanted to check

826

00:35:35,670 --> 00:35:34,480

myself just because of Allah I'm

827

00:35:38,190 --> 00:35:35,680

coughing for a few days it's a bit

828

00:35:40,050 --> 00:35:38,200

annoying especially when you know when

829

00:35:41,790 --> 00:35:40,060

when you're coughing in your tummy is a

830

00:35:44,580 --> 00:35:41,800

bit sore from giving birth it's kind of

831

00:35:48,270 --> 00:35:44,590

feels a bit uncomfortable I quickly

832

00:35:51,990 --> 00:35:48,280

found out that I have Pettis and well

833

00:35:53,970 --> 00:35:52,000

I've given it to her yeah the first few

834

00:35:56,430 --> 00:35:53,980

days were like okay better cough What's

835

00:35:58,940 --> 00:35:56,440

everyone is on about she just be coffee

836

00:36:02,700 --> 00:35:58,950

a bit nasally we'll get through it

837

00:36:04,920 --> 00:36:02,710

within two weeks the cough became pretty

838

00:36:06,810 --> 00:36:04,930

scary horror movie coughing to the point

839

00:36:09,120 --> 00:36:06,820

of going blue flopping in my hands come

840

00:36:11,490 --> 00:36:09,130

breathe running into hospital she's then

841

00:36:13,410 --> 00:36:11,500

better the center home today later back

842

00:36:14,850 --> 00:36:13,420

into hospital again a nice letter she's

843

00:36:17,310 --> 00:36:14,860

got another apnea where she's not

844

00:36:19,890 --> 00:36:17,320

breathing for three minutes and he just

845

00:36:22,440 --> 00:36:19,900

ended up in upstairs here in the

846

00:36:25,800 --> 00:36:22,450

hospital in Nam what do you call

847

00:36:27,750 --> 00:36:25,810

intensive care with just a baby that

848

00:36:29,910 --> 00:36:27,760

coughs and coughs and coughs and it's

849

00:36:32,370 --> 00:36:29,920

just so hard to watch your little tiny

850

00:36:35,550 --> 00:36:32,380

little thing and they go read and from

851  
00:36:37,770 --> 00:36:35,560  
red / blue and sometimes they go big

852  
00:36:41,100 --> 00:36:37,780  
liking for a moment they think they dead

853  
00:36:43,740 --> 00:36:41,110  
in your hands they flop a lot of

854  
00:36:46,350 --> 00:36:43,750  
suffering for a little tiny little cute

855  
00:36:49,560 --> 00:36:46,360  
thing that you love so much I was

856  
00:36:52,170 --> 00:36:49,570  
offered the injection in wing 28 on

857  
00:36:54,120 --> 00:36:52,180  
being the healthy feet organic woman

858  
00:36:56,400 --> 00:36:54,130  
that I am I said leave me alone I don't

859  
00:36:58,800 --> 00:36:56,410  
need a tiny describe

860  
00:37:00,750 --> 00:36:58,810  
and even me the bulletproof lady that's

861  
00:37:05,580 --> 00:37:00,760  
never been to a doctor travel the world

862  
00:37:07,830 --> 00:37:05,590  
and felt healthy got got the whooping

863  
00:37:10,800 --> 00:37:07,840

cough I got over it very quick it was

864

00:37:14,900 --> 00:37:10,810

nothing for me but she is into week 4

865

00:37:18,000 --> 00:37:14,910

and here every hour I've gotta stay here

866

00:37:20,220 --> 00:37:18,010

watch your going blue give oxygen watch

867

00:37:23,640 --> 00:37:20,230

a cry water having a hard time eating

868

00:37:25,200 --> 00:37:23,650

she's my only child in my first and if I

869

00:37:30,740 --> 00:37:25,210

could turn back time I would have fun

870

00:37:36,290 --> 00:37:33,260

and that was by the Gold Coast Hospital

871

00:37:39,080 --> 00:37:36,300

and Health Services 2016 communications

872

00:37:48,650 --> 00:37:39,090

and engagement unit for more information

873

00:37:51,260 --> 00:37:48,660

visit [www.fcn](http://www.fcn) / Gold Coast health savvy

874

00:37:54,710 --> 00:37:51,270

but oh so predictably the

875

00:37:57,980 --> 00:37:54,720

anti-vaccination brigade sometimes known

876

00:38:01,070 --> 00:37:57,990

as the flying monkeys have cast serious

877

00:38:03,020 --> 00:38:01,080

doubt on this story now we're talking

878

00:38:04,400 --> 00:38:03,030

about the hardcore anti-vaxxers here the

879

00:38:08,570 --> 00:38:04,410

ones who live in a world where

880

00:38:11,810 --> 00:38:08,580

vaccination is a ploy by the one world

881

00:38:15,880 --> 00:38:11,820

government to poison people vaccination

882

00:38:19,550 --> 00:38:15,890

has zero success rate and is a giant con

883

00:38:22,030 --> 00:38:19,560

to either bolster the coffers of big

884

00:38:25,610 --> 00:38:22,040

pharmaceutical or to control it all with

885

00:38:27,800 --> 00:38:25,620

naughty drugs or chemicals or whatever

886

00:38:30,200 --> 00:38:27,810

tin foil hat excuse they come up with

887

00:38:33,200 --> 00:38:30,210

here are some comments by the flying

888

00:38:35,420 --> 00:38:33,210

monkeys Gold Coast health of Australia

889

00:38:38,390 --> 00:38:35,430

posted a video of Cormac avital holding

890

00:38:41,000 --> 00:38:38,400

her daughter Eva who is said to be

891

00:38:43,430 --> 00:38:41,010

hospitalized with pertussis the awkward

892

00:38:46,820 --> 00:38:43,440

video almost sounds as though it is a

893

00:38:48,920 --> 00:38:46,830

hostage video as avatar expresses its

894

00:38:51,710 --> 00:38:48,930

quote regret end quote over not having

895

00:38:55,850 --> 00:38:51,720

had the pertussis vaccine while pregnant

896

00:38:58,070 --> 00:38:55,860

it even has been edited with music as

897

00:39:00,680 --> 00:38:58,080

well as the hospital's pre-roll

898

00:39:03,080 --> 00:39:00,690

advertisement eva is said to be released

899

00:39:05,750 --> 00:39:03,090

from the hospital this week which isn't

900

00:39:08,840 --> 00:39:05,760

mentioned in the video other items

901  
00:39:10,780 --> 00:39:08,850  
remain unclear avital had pertussis

902  
00:39:14,480 --> 00:39:10,790  
seemingly while pregnant and remained

903  
00:39:17,320 --> 00:39:14,490  
contagious nearly 12 weeks later if she

904  
00:39:19,790 --> 00:39:17,330  
was tested for it and that's not known

905  
00:39:23,570 --> 00:39:19,800  
did the hospital take any precautions

906  
00:39:26,180 --> 00:39:23,580  
when Eva was born was tests performed on

907  
00:39:28,940 --> 00:39:26,190  
comet again seeing that she had this

908  
00:39:31,520 --> 00:39:28,950  
previous history of pertussis did she

909  
00:39:34,430 --> 00:39:31,530  
breastfeed to help boost Eva's immune

910  
00:39:37,280 --> 00:39:34,440  
system and from the website open source

911  
00:39:39,080 --> 00:39:37,290  
truth calm it's interesting how many of

912  
00:39:44,000 --> 00:39:39,090  
these loony websites were the tin foil

913  
00:39:44,760 --> 00:39:44,010

hats use the word truth an unidentified

914

00:39:47,070 --> 00:39:44,770

mother

915

00:39:50,040 --> 00:39:47,080

holds a motionless baby with pertussis

916

00:39:53,490 --> 00:39:50,050

allegedly because she did not vaccinate

917

00:39:55,980 --> 00:39:53,500

law pregnant with a vaccine not tested

918

00:39:58,200 --> 00:39:55,990

or approved for safety and associated

919

00:40:01,380 --> 00:39:58,210

with serious birth defects and other

920

00:40:03,960 --> 00:40:01,390

adverse events oh and which affords

921

00:40:06,060 --> 00:40:03,970

precious little protection the video

922

00:40:08,850 --> 00:40:06,070

appears to be on the government website

923

00:40:11,160 --> 00:40:08,860

notice anything wrong here and if anyone

924

00:40:13,230 --> 00:40:11,170

watching the video sees the baby take a

925

00:40:16,710 --> 00:40:13,240

breath let us know in the comments

926  
00:40:20,610 --> 00:40:16,720  
section say no to vaccine mandates it's

927  
00:40:23,010 --> 00:40:20,620  
it's reminds me of a traitor or a

928  
00:40:26,910 --> 00:40:23,020  
turncoat or a what's the word I'm

929  
00:40:30,150 --> 00:40:26,920  
looking for apostate defector in any

930  
00:40:33,120 --> 00:40:30,160  
cult or religion they are treated most

931  
00:40:36,120 --> 00:40:33,130  
harshly and this woman is now regarded

932  
00:40:39,590 --> 00:40:36,130  
as being a traitor to the to the

933  
00:40:41,730 --> 00:40:39,600  
religion that to the cult the mindset of

934  
00:40:46,070 --> 00:40:41,740  
anti-vaccination which I said before is

935  
00:40:48,420 --> 00:40:46,080  
all entwined in an unholy mess with

936  
00:40:49,890 --> 00:40:48,430  
basically conspiracy theories and

937  
00:40:51,690 --> 00:40:49,900  
they're trying to control you and you

938  
00:40:53,670 --> 00:40:51,700

can't trust the government and Western

939

00:40:55,500 --> 00:40:53,680

scientific medicine is basically a con

940

00:40:58,200 --> 00:40:55,510

because if you eat healthy things and

941

00:41:01,200 --> 00:40:58,210

where you've heard it all before so hats

942

00:41:04,260 --> 00:41:01,210

off to this brave young mum who could

943

00:41:07,200 --> 00:41:04,270

see what she did was wrong but now he's

944

00:41:10,260 --> 00:41:07,210

trying to make amends and the enemies of

945

00:41:25,900 --> 00:41:10,270

reason as Isaac Asimov called them are

946

00:41:31,390 --> 00:41:29,450

hi this is Heidi Robertson from the

947

00:41:34,270 --> 00:41:31,400

Northern Rivers vaccination supporters

948

00:41:36,890 --> 00:41:34,280

we are a group of concerned citizens

949

00:41:39,470 --> 00:41:36,900

dedicated to promoting good science and

950

00:41:42,530 --> 00:41:39,480

common sense in our region the far north

951  
00:41:44,300 --> 00:41:42,540  
coast of New South Wales this area are

952  
00:41:47,330 --> 00:41:44,310  
famous for its natural beauty and

953  
00:41:50,930 --> 00:41:47,340  
relaxed lifestyle also has the lowest

954  
00:41:53,030 --> 00:41:50,940  
rates of vaccination in Australia we are

955  
00:41:55,460 --> 00:41:53,040  
out to change that by challenging the

956  
00:41:57,140 --> 00:41:55,470  
myths and misinformation and by

957  
00:42:00,440 --> 00:41:57,150  
providing good evidence based

958  
00:42:02,300 --> 00:42:00,450  
information to the community we'd love

959  
00:42:05,930 --> 00:42:02,310  
for you no matter where you are in the

960  
00:42:13,520 --> 00:42:05,940  
world to join our fight please visit our

961  
00:42:16,340 --> 00:42:13,530  
webpage at [ww.nrvs.info](#) we also have a

962  
00:42:20,660 --> 00:42:16,350  
link there to our facebook page tweet us

963  
00:42:23,270 --> 00:42:20,670

at in our fax supporters that's vix and

964

00:42:25,910 --> 00:42:23,280

check us out on Wikipedia by searching

965

00:42:43,540 --> 00:42:25,920

for Northern Rivers vaccination

966

00:42:49,460 --> 00:42:46,160

thank you for listening to the skeptic

967

00:42:52,430 --> 00:42:49,470

zone and as somebody requested during

968

00:43:04,590 --> 00:42:52,440

the week wrote to me here is the sound

969

00:43:14,190 --> 00:43:11,040

oh if that doesn't give you nice warm

970

00:43:15,360 --> 00:43:14,200

feelings I don't know what will coming

971

00:43:16,650 --> 00:43:15,370

up on next week's show some more

972

00:43:18,360 --> 00:43:16,660

interviews from Maine I'd who was

973

00:43:20,850 --> 00:43:18,370

running around with these microphones at

974

00:43:23,010 --> 00:43:20,860

the recent Australian skeptics sydney

975

00:43:25,580 --> 00:43:23,020

dinner meeting that's where he

976

00:43:28,500 --> 00:43:25,590

interviewed our guest today dr. Nick

977

00:43:30,980 --> 00:43:28,510

matzke maynards going to be chatting to

978

00:43:33,780 --> 00:43:30,990

dr. Mel Thomas and cancer researcher

979

00:43:35,610 --> 00:43:33,790

Cassandra Perryman from Brisbane from

980

00:43:38,610 --> 00:43:35,620

the Brisbane skeptics and from

981

00:43:40,320 --> 00:43:38,620

Australian skeptics Alethea Dean he

982

00:43:42,300 --> 00:43:40,330

might remember Alethea Dean she's been

983

00:43:43,980 --> 00:43:42,310

on the show a few times she joined

984

00:43:46,380 --> 00:43:43,990

Maynard and I a couple of years back

985

00:43:49,980 --> 00:43:46,390

when we went on a ghost hunt it goes to

986

00:43:51,890 --> 00:43:49,990

her did we find any ghosts mm-hmm so for

987

00:43:54,060 --> 00:43:51,900

this week this is Richard Saunders

988

00:43:56,610 --> 00:43:54,070

running downstairs again to hear more

989

00:44:02,850 --> 00:43:56,620

kittens purring signing off from Sydney

990

00:44:05,370 --> 00:44:02,860

Australia you've been listening to the

991

00:44:09,210 --> 00:44:05,380

skeptics own podcast visit our website

992

00:44:12,480 --> 00:44:09,220

at WCA pegs on TV for contacts and

993

00:44:15,660 --> 00:44:12,490

archive of all episodes since 2008 and

994

00:44:17,700 --> 00:44:15,670

our online store please support the

995

00:44:21,060 --> 00:44:17,710

skeptic zone by following us on twitter

996

00:44:24,570 --> 00:44:21,070

at skeptic zone liking us on facebook

997

00:44:26,100 --> 00:44:24,580

and leaving a review on iTunes you can

998

00:44:29,910 --> 00:44:26,110

also show your support by subscribing

999

00:44:32,970 --> 00:44:29,920

via paypal for as little as 99 cents a

1000

00:44:34,590 --> 00:44:32,980

week the skeptic zone is an independent

1001  
00:44:37,020 --> 00:44:34,600  
production the views and opinions

1002  
00:44:39,120 --> 00:44:37,030  
expressed on the skeptic zone and not

1003  
00:44:58,160 --> 00:44:39,130  
necessarily those of Australian skeptics

1004  
00:44:58,170 --> 00:45:03,830  
ok

1005  
00:45:10,940 --> 00:45:08,810  
shopping Oh Stan bet you do that so if

1006  
00:45:14,320 --> 00:45:10,950  
you give me a okay boy girl seconds to

1007  
00:45:14,330 --> 00:45:23,040  
oh ok

1008  
00:45:26,980 --> 00:45:25,510  
hi cap reporter main out here and we're

1009  
00:45:29,050 --> 00:45:26,990  
going to take you into a room full of

1010  
00:45:32,859 --> 00:45:29,060  
skeptics there and ask some questions to

1011  
00:45:35,380 --> 00:45:32,869  
a member of the alleged show a real real

1012  
00:45:36,670 --> 00:45:35,390  
want to be kind of an elite kind of guy

1013  
00:45:39,130 --> 00:45:36,680

Richard Saunders who's going to be

1014

00:45:40,840 --> 00:45:39,140

appearing at Paracon fairly shortly

1015

00:45:43,480 --> 00:45:40,850

let's go ask him some deep questions

1016

00:45:46,630 --> 00:45:43,490

about the million-dollar challenge come

1017

00:45:48,400 --> 00:45:46,640

on come someone here we got a room full

1018

00:45:49,840 --> 00:45:48,410

of skeptics they're all skeptical

1019

00:45:51,220 --> 00:45:49,850

they're skeptical about the food they're

1020

00:45:52,660 --> 00:45:51,230

skeptical about the one they're

1021

00:45:53,980 --> 00:45:52,670

skeptical about the car park they're

1022

00:45:57,640 --> 00:45:53,990

skeptical about every bloody thing here

1023

00:45:59,380 --> 00:45:57,650

we go now Mary doing he's over here and

1024

00:46:01,090 --> 00:45:59,390

what would a skeptic been doing haha the

1025

00:46:02,530 --> 00:46:01,100

Old Yeller trick of spoon bending

1026  
00:46:04,690 --> 00:46:02,540  
Richard Saunders I believe you're going

1027  
00:46:06,700 --> 00:46:04,700  
to be at Paragon fairly shortly talking

1028  
00:46:09,099 --> 00:46:06,710  
about the alleged million-dollar alleged

1029  
00:46:11,140 --> 00:46:09,109  
challenge uh oh you remember the shadowy

1030  
00:46:13,930 --> 00:46:11,150  
elite I have you got Illuminati

1031  
00:46:15,340 --> 00:46:13,940  
underpants on what's all about that up

1032  
00:46:17,080 --> 00:46:15,350  
what's that Taiwan's think this guy oh

1033  
00:46:18,310 --> 00:46:17,090  
come on I believe this it's just a whole

1034  
00:46:19,510 --> 00:46:18,320  
challenge thing if there's no million

1035  
00:46:20,800 --> 00:46:19,520  
dollars is it there was no million

1036  
00:46:22,599 --> 00:46:20,810  
dollars come on don't you run about that

1037  
00:46:24,910 --> 00:46:22,609  
you run away from me don't you don't you

1038  
00:46:27,310 --> 00:46:24,920

don't you run away from you should look

1039

00:46:30,940 --> 00:46:27,320

at that wait look there we go there we

1040

00:46:32,770 --> 00:46:30,950

go leaving in shame the alleged Richard

1041

00:46:33,849 --> 00:46:32,780

Saunders and he's alleged million dollar