



Dr Rachie

Lawrence Leung

**The Skeptic Zone**  
Show 156 - 18 Oct. 2011

1  
00:00:23,480 --> 00:00:09,080  
welcome to the skeptic zone the podcast

2  
00:00:28,380 --> 00:00:26,670  
hello from Sydney Australia Richard

3  
00:00:32,339 --> 00:00:28,390  
Saunders here with you once again for

4  
00:00:35,400 --> 00:00:32,349  
the skeptic Zone episode number 156 for

5  
00:00:37,650 --> 00:00:35,410  
the 15th of October yes the skeptic zone

6  
00:00:39,090 --> 00:00:37,660  
the podcast for science and reason and

7  
00:00:42,180 --> 00:00:39,100  
we've got some science and reason

8  
00:00:43,830 --> 00:00:42,190  
heading your way this week in just a

9  
00:00:46,020 --> 00:00:43,840  
moment I catch up with our reporter

10  
00:00:48,540 --> 00:00:46,030  
joined Ben amoo who's going to fill you

11  
00:00:51,690 --> 00:00:48,550  
in a little sneak peek a little sneak

12  
00:00:56,420 --> 00:00:51,700  
listen to her talk at the upcoming

13  
00:00:59,370 --> 00:00:56,430

skeptic camp in Melbourne now head to ww

14

00:01:00,930 --> 00:00:59,380

skeptic appt melbourne calm for more

15

00:01:02,880 --> 00:01:00,940

information and if you're in melbourne

16

00:01:04,649 --> 00:01:02,890

if you're in victoria or if you're in

17

00:01:06,420 --> 00:01:04,659

that region of Australia or in fact if

18

00:01:09,690 --> 00:01:06,430

you're in Australia at all head for

19

00:01:11,580 --> 00:01:09,700

Melbourne and head to skeptic camp can

20

00:01:14,130 --> 00:01:11,590

be a fabulous day where you can meet a

21

00:01:16,830 --> 00:01:14,140

lot of the skeptic zone team including

22

00:01:19,980 --> 00:01:16,840

our reporter Maynard oh that should be

23

00:01:21,539 --> 00:01:19,990

great fun now after that dr. Reggie dr.

24

00:01:24,149 --> 00:01:21,549

Rachel done up and I catch up with a

25

00:01:27,810 --> 00:01:24,159

good friend of ours Lawrence loon who

26

00:01:32,700 --> 00:01:27,820

recently had a show here in Australia on

27

00:01:34,980 --> 00:01:32,710

me on the ABC TV called unbelievable now

28

00:01:38,010 --> 00:01:34,990

Lawrence Isaiiah an entertainer a

29

00:01:39,779 --> 00:01:38,020

comedian and he's recently been doing a

30

00:01:42,719 --> 00:01:39,789

big tour we have a little chat about

31

00:01:45,899 --> 00:01:42,729

that and the reaction to his show which

32

00:01:48,179 --> 00:01:45,909

was quite skeptical the show that is not

33

00:01:50,940 --> 00:01:48,189

the reaction well some reaction was

34

00:01:53,279 --> 00:01:50,950

skeptical I guess and after that is a

35

00:01:57,719 --> 00:01:53,289

little clip of me being interviewed on

36

00:01:59,699 --> 00:01:57,729

Sydney radio about spoon bending yes

37

00:02:01,260 --> 00:01:59,709

after all these years there are still

38

00:02:03,959 --> 00:02:01,270

people out there want to know about

39

00:02:06,809 --> 00:02:03,969

spoon bending well I give a little

40

00:02:10,020 --> 00:02:06,819

insight about my take on on spoon

41

00:02:12,780 --> 00:02:10,030

bending for the Sydney radio audience

42

00:02:16,920 --> 00:02:12,790

and to wrap up the show dr. Richie

43

00:02:20,610 --> 00:02:16,930

reports dr. rachey was the guest on the

44

00:02:25,630 --> 00:02:20,620

mamma mia TV chat show here on cable TV

45

00:02:28,840 --> 00:02:25,640

in Australia and that is now

46

00:02:31,120 --> 00:02:28,850

available on YouTube you can watch dr.

47

00:02:32,920 --> 00:02:31,130

80 or you can listen to this which is

48

00:02:37,120 --> 00:02:32,930

the audio from it or both if you so

49

00:02:39,730 --> 00:02:37,130

desire if you want to see dr. Reggie on

50

00:02:44,050 --> 00:02:39,740

the the program talking about

51  
00:02:48,550 --> 00:02:44,060  
vaccinations just head for wwm amemiya

52  
00:02:52,000 --> 00:02:48,560  
onward calm I you and follow the links

53  
00:02:55,090 --> 00:02:52,010  
to show 11 now dr. 'he has had a very

54  
00:02:58,540 --> 00:02:55,100  
tiring couple of weeks responding to all

55  
00:03:01,180 --> 00:02:58,550  
the posts to her blog about vaccinations

56  
00:03:03,790 --> 00:03:01,190  
at mama mia a lot of the flying monkeys

57  
00:03:05,800 --> 00:03:03,800  
as we call them the D&E vaxors have been

58  
00:03:07,330 --> 00:03:05,810  
swooping down on that blog and Rachel's

59  
00:03:11,080 --> 00:03:07,340  
been doing her best to battle those

60  
00:03:13,479 --> 00:03:11,090  
comments a very moving dr. Rachel

61  
00:03:15,699 --> 00:03:13,489  
reports because we also hear from Tony

62  
00:03:20,560 --> 00:03:15,709  
and David McCaffrey who I'm sure you

63  
00:03:23,199 --> 00:03:20,570

will recall lost their baby in 2009 to

64

00:03:26,250 --> 00:03:23,209

whooping cough a very important doctor

65

00:03:30,280 --> 00:03:26,260

'he this week but right now let's say

66

00:03:33,009 --> 00:03:30,290

let's play a little little interview a

67

00:03:38,020 --> 00:03:33,019

little catch up with Joe Benna mu about

68

00:03:40,060 --> 00:03:38,030

skeptic amp skeptic appt Melbourne is

69

00:03:42,819 --> 00:03:40,070

coming up everybody I'm sorry I won't be

70

00:03:45,069 --> 00:03:42,829

able to be there myself but somebody who

71

00:03:47,140 --> 00:03:45,079

will be there is Joe benomy hi Joe

72

00:03:48,670 --> 00:03:47,150

Richard now we're just about to go into

73

00:03:50,110 --> 00:03:48,680

a skeptics waiting very serious stuff

74

00:03:52,949 --> 00:03:50,120

but you were just mentioning that you're

75

00:03:55,300 --> 00:03:52,959

looking forward to skeptic am I am I

76

00:03:57,400 --> 00:03:55,310

really wish i was going cuz your talk

77

00:04:00,160 --> 00:03:57,410

sounds like the highlight the highlight

78

00:04:02,289 --> 00:04:00,170

of the day life no lie what are you

79

00:04:04,120 --> 00:04:02,299

going to be speaking about so i'm gonna

80

00:04:07,000 --> 00:04:04,130

be giving a talk all about history of

81

00:04:08,860 --> 00:04:07,010

colonic irrigation enemies and just

82

00:04:11,560 --> 00:04:08,870

about anything to do with quackery and

83

00:04:14,380 --> 00:04:11,570

bombs insert your own jokes here yes

84

00:04:16,300 --> 00:04:14,390

please do and it's called getting to the

85

00:04:19,390 --> 00:04:16,310

bottom of its called getting to the

86

00:04:20,860 --> 00:04:19,400

bottom of colonics you see folks this is

87

00:04:22,890 --> 00:04:20,870

why if you're in melbourne you should

88

00:04:25,140 --> 00:04:22,900

definitely go to skip the camp

89

00:04:27,390 --> 00:04:25,150

yes you should absolutely at last I

90

00:04:29,969 --> 00:04:27,400

heard from from the organizers I think

91

00:04:35,279 --> 00:04:29,979

they've got 118 or 120 people registered

92

00:04:37,200 --> 00:04:35,289

oh it's a free event and I think the

93

00:04:40,650 --> 00:04:37,210

organizers are done a great job we had a

94

00:04:44,279 --> 00:04:40,660

wonderful skepta campus in China 22nd of

95

00:04:47,570 --> 00:04:44,289

opportunity to go yep and dr. H she's

96

00:04:50,189 --> 00:04:47,580

going down I'm going down as you said

97

00:04:52,110 --> 00:04:50,199

who else I think yeah quite over Sydney

98

00:04:54,480 --> 00:04:52,120

people but i think you mean just go on

99

00:04:56,430 --> 00:04:54,490

to the skeptic enemy I know Oh may not

100

00:04:58,230 --> 00:04:56,440

going mine are delayed up and I can talk

101  
00:05:01,670 --> 00:04:58,240  
about bottoms and those sorts of things

102  
00:05:04,710 --> 00:05:01,680  
I believe he recently went on a trip

103  
00:05:07,110 --> 00:05:04,720  
folks go to skipping camp in Melbourne

104  
00:05:11,159 --> 00:05:07,120  
and find out more thank you Joe here it

105  
00:05:13,950 --> 00:05:11,169  
did so there you go folks don't miss

106  
00:05:17,070 --> 00:05:13,960  
skepta camp if you're in Melbourne all

107  
00:05:19,129 --> 00:05:17,080  
right it's time to ice it back oh I'm

108  
00:05:22,350 --> 00:05:19,139  
better from my cold by the way all on

109  
00:05:24,779 --> 00:05:22,360  
completely healthy oh yeah ready to go

110  
00:05:27,710 --> 00:05:24,789  
I'm so healthier fact I think I'm going

111  
00:05:31,560 --> 00:05:27,720  
to run downstairs and have a cup of a

112  
00:05:34,760 --> 00:05:31,570  
cup of send your suggestions on a

113  
00:05:53,540 --> 00:05:34,770

postcard or a tweet and let you enjoy

114

00:05:58,470 --> 00:05:55,800

well folks we interviewed Lawrence

115

00:06:00,030 --> 00:05:58,480

learned a few months back on the

116

00:06:01,650 --> 00:06:00,040

skeptics own podcast I'm delighted to

117

00:06:04,500 --> 00:06:01,660

say up caught up with Lawrence again

118

00:06:06,780 --> 00:06:04,510

he's in Sydney for his show I'm here in

119

00:06:08,910 --> 00:06:06,790

Newtown having an on with dr. hei dr. G

120

00:06:12,150 --> 00:06:08,920

I of course if there's a nom I'm here

121

00:06:14,100 --> 00:06:12,160

and we're delighted to see Lawrence and

122

00:06:16,740 --> 00:06:14,110

you're on a big to at the moment yeah

123

00:06:18,600 --> 00:06:16,750

yeah I'm cheering my life Sam comedy

124

00:06:21,240 --> 00:06:18,610

show I'm just called Lawrence Lin wants

125

00:06:23,010 --> 00:06:21,250

a jet pack cuz really don't we all will

126  
00:06:24,750 --> 00:06:23,020  
promise them where are they and yeah

127  
00:06:26,520 --> 00:06:24,760  
I've been taking out around the country

128  
00:06:29,910 --> 00:06:26,530  
and just go back in the UK with the show

129  
00:06:32,220 --> 00:06:29,920  
as well so how how many months or weeks

130  
00:06:35,700 --> 00:06:32,230  
you you do know we're reaching a towel

131  
00:06:37,200 --> 00:06:35,710  
em now i'm doing a sydney on friday

132  
00:06:39,690 --> 00:06:37,210  
night which is sold out and then I'm up

133  
00:06:42,480 --> 00:06:39,700  
in Brisbane for two shows on the sunday

134  
00:06:44,820 --> 00:06:42,490  
and then that's it for now I might be

135  
00:06:46,860 --> 00:06:44,830  
going down to Tasmania and with those

136  
00:06:48,960 --> 00:06:46,870  
dates out yet but I'm I've been on the

137  
00:06:52,140 --> 00:06:48,970  
road living out of a suitcase for about

138  
00:06:53,610 --> 00:06:52,150

three months now oh yes yeah between it

139

00:06:56,100 --> 00:06:53,620

will be good to be exploited in my own

140

00:06:57,600 --> 00:06:56,110

bed my own do now now i'm sure a lot of

141

00:07:01,140 --> 00:06:57,610

our australian viewers would have

142

00:07:04,170 --> 00:07:01,150

enjoyed your recent TV series of course

143

00:07:06,810 --> 00:07:04,180

what was the reaction by and large to

144

00:07:08,550 --> 00:07:06,820

that series unbelievable unbelievable

145

00:07:10,620 --> 00:07:08,560

yeah yeah and it was unbelievable so

146

00:07:12,690 --> 00:07:10,630

that's the name of the show that's the

147

00:07:15,000 --> 00:07:12,700

reaction up it's been great i I think

148

00:07:16,890 --> 00:07:15,010

the world of the Internet has found it

149

00:07:19,200 --> 00:07:16,900

as well some good I've got a lot of

150

00:07:20,940 --> 00:07:19,210

messages from people from overseas as

151  
00:07:23,550 --> 00:07:20,950  
well we've seen this show you know to

152  
00:07:25,530 --> 00:07:23,560  
skeptically enhanced I guess Comedy

153  
00:07:27,900 --> 00:07:25,540  
Series yeah it's not on my view or

154  
00:07:30,330 --> 00:07:27,910  
YouTube more sneakily somewhere ah it

155  
00:07:32,580 --> 00:07:30,340  
was an idea but ABC puts it up for a

156  
00:07:34,560 --> 00:07:32,590  
short time only yeah but you know a lot

157  
00:07:36,420 --> 00:07:34,570  
of cheeky people have you know spread of

158  
00:07:37,500 --> 00:07:36,430  
fire or white on the internet and of

159  
00:07:40,230 --> 00:07:37,510  
course we don't officially condone that

160  
00:07:43,080 --> 00:07:40,240  
of course but there you go I know I do

161  
00:07:46,469 --> 00:07:43,090  
I love people to see no I don't I don't

162  
00:07:48,900 --> 00:07:46,479  
condone that I condone people watching

163  
00:07:53,969 --> 00:07:48,910

the show how they get it is that it's

164

00:07:56,339 --> 00:07:53,979

not up to me yeah so people have really

165

00:07:58,260 --> 00:07:56,349

enjoyed the show for more different

166

00:08:00,480 --> 00:07:58,270

quarters I mean these were six episodes

167

00:08:02,550 --> 00:08:00,490

on all sorts of different themes as i

168

00:08:04,529 --> 00:08:02,560

always get emails from people who are

169

00:08:06,270 --> 00:08:04,539

interested in like UFOs or interested in

170

00:08:09,210 --> 00:08:06,280

skepticism or interested in ghost

171

00:08:11,219 --> 00:08:09,220

hunting I get emails from even magicians

172

00:08:13,890 --> 00:08:11,229

really like for Sherlock so I didn't

173

00:08:16,920 --> 00:08:13,900

episode all about the methods behind

174

00:08:19,559 --> 00:08:16,930

magic without giving away any tricks

175

00:08:21,240 --> 00:08:19,569

yeah which which is what magicians most

176

00:08:25,230 --> 00:08:21,250

compliment to me on because I didn't

177

00:08:28,620 --> 00:08:25,240

expose tricks behind magic but I gave an

178

00:08:29,850 --> 00:08:28,630

account of how magic works and for them

179

00:08:33,329 --> 00:08:29,860

because they they have the most

180

00:08:35,130 --> 00:08:33,339

secretive of the Arts so yes um their

181

00:08:37,050 --> 00:08:35,140

tricks and their methods are there live

182

00:08:39,060 --> 00:08:37,060

legal in the moat it's not as someone

183

00:08:41,130 --> 00:08:39,070

who's a fan of magic and also a bit of a

184

00:08:42,449 --> 00:08:41,140

hobby practitioner myself that's the

185

00:08:44,940 --> 00:08:42,459

last thing I want to do was to do one of

186

00:08:47,400 --> 00:08:44,950

those horrible exposure type shows you

187

00:08:49,410 --> 00:08:47,410

know she would ask you yeah yeah but

188

00:08:52,019 --> 00:08:49,420

having said that I because I know enough

189

00:08:53,880 --> 00:08:52,029

magic I could carefully construct the

190

00:08:55,590 --> 00:08:53,890

structure of this particular episode 2 B

191

00:08:57,960 --> 00:08:55,600

like a magic trick where you know you

192

00:09:00,660 --> 00:08:57,970

suck up the audience in and much like a

193

00:09:02,639 --> 00:09:00,670

con artists trick they go along for the

194

00:09:04,590 --> 00:09:02,649

ride you teach them all the things about

195

00:09:06,090 --> 00:09:04,600

you know misdirection and you know

196

00:09:08,340 --> 00:09:06,100

attention blindness and things like that

197

00:09:09,600 --> 00:09:08,350

and then use the same techniques that

198

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

you've been teaching them all along too

199

00:09:13,350 --> 00:09:11,620

then trick them at the very end yeah so

200

00:09:15,449 --> 00:09:13,360

it was a bit of a multi-layered episode

201  
00:09:17,490 --> 00:09:15,459  
that I was quite proud of I think I

202  
00:09:18,630 --> 00:09:17,500  
enjoyed that most of all I'd enjoyed it

203  
00:09:20,880 --> 00:09:18,640  
all the episodes of course all

204  
00:09:23,519 --> 00:09:20,890  
fascinating hair that one and you did a

205  
00:09:25,759 --> 00:09:23,529  
seance which was realized yeah i did a

206  
00:09:27,919 --> 00:09:25,769  
silence on television and

207  
00:09:30,439 --> 00:09:27,929  
that's not new for documentaries on TV

208  
00:09:33,350 --> 00:09:30,449  
I'm sure there's a lot of skeptics who

209  
00:09:36,829 --> 00:09:33,360  
also make shows with seances be returned

210  
00:09:38,749 --> 00:09:36,839  
Wiseman dude yeah as far as I know I not

211  
00:09:40,189 --> 00:09:38,759  
sure I have to look around but I think

212  
00:09:42,530 --> 00:09:40,199  
my one is the only one that's not a

213  
00:09:44,090 --> 00:09:42,540

gimmicked seance and by that we're not

214

00:09:46,579 --> 00:09:44,100

using the parlor tricks of the Victorian

215

00:09:49,549 --> 00:09:46,589

era with you know fishing wire and you

216

00:09:51,049 --> 00:09:49,559

know fake ectoplasm dummy hands and

217

00:09:52,460 --> 00:09:51,059

people walking around in the dark

218

00:09:55,009 --> 00:09:52,470

dressed in black or anything like that

219

00:09:57,259 --> 00:09:55,019

it was a purely psychological science

220

00:09:59,449 --> 00:09:57,269

meaning if you can create an environment

221

00:10:01,009 --> 00:09:59,459

where people were so impressionable and

222

00:10:03,199 --> 00:10:01,019

wanted to believe in something would

223

00:10:05,210 --> 00:10:03,209

they really start to feel the sensations

224

00:10:07,460 --> 00:10:05,220

perceive the sensations that would go

225

00:10:10,280 --> 00:10:07,470

along with the sounds despite this this

226

00:10:11,660 --> 00:10:10,290

haunted house not being haunted and they

227

00:10:13,249 --> 00:10:11,670

were not add for that actually being a

228

00:10:15,109 --> 00:10:13,259

ghost and you know I did the

229

00:10:17,329 --> 00:10:15,119

scientifically I made sure that there

230

00:10:21,979 --> 00:10:17,339

was the house isn't haunted I had an

231

00:10:23,840 --> 00:10:21,989

exorcist and a shaman exercises spirits

232

00:10:25,249 --> 00:10:23,850

so if some case on said to me on that

233

00:10:29,660 --> 00:10:25,259

but maybe the house was already ordered

234

00:10:31,699 --> 00:10:29,670

to begin with i cleansed it where was

235

00:10:34,160 --> 00:10:31,709

that building that was prompted sydney

236

00:10:36,919 --> 00:10:34,170

in this beautiful old house by this

237

00:10:39,559 --> 00:10:36,929

lovely couple who have all these amazing

238

00:10:41,419 --> 00:10:39,569

antiques like every room in the house

239

00:10:42,230 --> 00:10:41,429

was almost like a different period start

240

00:10:44,329 --> 00:10:42,240

because they collected all these

241

00:10:48,169 --> 00:10:44,339

antiques so of course that night it was

242

00:10:50,600 --> 00:10:48,179

the scariest reappear someplace I mean

243

00:10:52,759 --> 00:10:50,610

the gate itself when the gate opened in

244

00:10:56,299 --> 00:10:52,769

person with such a blood-curdling sort

245

00:10:57,980 --> 00:10:56,309

of screech my art department was like we

246

00:11:00,530 --> 00:10:57,990

don't have to be here this house does it

247

00:11:02,720 --> 00:11:00,540

is so we're scared and we're just this

248

00:11:04,519 --> 00:11:02,730

is the daytime so so we found the

249

00:11:06,260 --> 00:11:04,529

perfect place to set up the conditions

250

00:11:08,300 --> 00:11:06,270

for

251  
00:11:09,980 --> 00:11:08,310  
official silence that was a fascinating

252  
00:11:12,830 --> 00:11:09,990  
episode and of course this series that

253  
00:11:15,260 --> 00:11:12,840  
you did really saw you travel far and

254  
00:11:16,540 --> 00:11:15,270  
wide yeah because we bumped into each

255  
00:11:20,930 --> 00:11:16,550  
other when you were filming in Las Vegas

256  
00:11:23,270 --> 00:11:20,940  
that's right Tenet's nice yes without

257  
00:11:25,310 --> 00:11:23,280  
good friend bannerchek who is driving

258  
00:11:27,260 --> 00:11:25,320  
you around blindfolded there's a really

259  
00:11:28,400 --> 00:11:27,270  
great because you told me about it and I

260  
00:11:30,800 --> 00:11:28,410  
heard about it at the time but when I

261  
00:11:32,540 --> 00:11:30,810  
saw it on the on your show I was just

262  
00:11:34,400 --> 00:11:32,550  
laughing so much because you were really

263  
00:11:37,040 --> 00:11:34,410

looking scared I was I was absolutely

264

00:11:38,630 --> 00:11:37,050

scared I mean I i I've followed by

265

00:11:40,520 --> 00:11:38,640

Jeff's career for a while so I know that

266

00:11:42,650 --> 00:11:40,530

easy is a top-grade Mentalist and I mean

267

00:11:46,100 --> 00:11:42,660

I was in good hands but what he did was

268

00:11:47,150 --> 00:11:46,110

a blindfold drive and despite knowing it

269

00:11:49,580 --> 00:11:47,160

was a trick I was still terrified

270

00:11:52,460 --> 00:11:49,590

because this guy you Lucas still has a

271

00:11:55,070 --> 00:11:52,470

blindfold over his face this is a potato

272

00:11:56,930 --> 00:11:55,080

I capitulate and i also had hands yeah

273

00:11:58,760 --> 00:11:56,940

yeah he had a spanish dollars or

274

00:12:00,740 --> 00:11:58,770

something pesos I'm much will be called

275

00:12:03,080 --> 00:12:00,750

a boost they have you had him gaffa take

276

00:12:04,700 --> 00:12:03,090

over his eyes now people always ask me

277

00:12:06,410 --> 00:12:04,710

it's a number one question which is how

278

00:12:07,820 --> 00:12:06,420

did he do it and the fact is I don't

279

00:12:09,350 --> 00:12:07,830

know yeah and actually I don't really

280

00:12:11,480 --> 00:12:09,360

care to know i love the fact that i

281

00:12:13,880 --> 00:12:11,490

don't know how he does it I know that no

282

00:12:15,620 --> 00:12:13,890

it's not psychic powers and he insists

283

00:12:17,330 --> 00:12:15,630

it's not psychic powers and so we all

284

00:12:18,830 --> 00:12:17,340

know it's a trick but it's just a damn

285

00:12:22,520 --> 00:12:18,840

good trick and he's a terrifying

286

00:12:24,110 --> 00:12:22,530

magician it was it was our gas attack

287

00:12:26,540 --> 00:12:24,120

the asked us to bring our own capitate

288

00:12:30,110 --> 00:12:26,550

wow he said I think I want to do this

289

00:12:32,270 --> 00:12:30,120

you know right well drive thing he's not

290

00:12:34,639 --> 00:12:32,280

from vegas right off from vegas so we we

291

00:12:37,320 --> 00:12:34,649

hired a car so

292

00:12:38,970 --> 00:12:37,330

car of his only was it he didn't have

293

00:12:41,070 --> 00:12:38,980

like a trick remote control power we

294

00:12:44,100 --> 00:12:41,080

literally hide that car just before the

295

00:12:46,590 --> 00:12:44,110

interview and then just before we go

296

00:12:48,540 --> 00:12:46,600

into the car we had to ring up the ABC

297

00:12:54,329 --> 00:12:48,550

and speak to the legal department

298

00:12:57,240 --> 00:12:54,339

because I could imagine that

299

00:12:59,340 --> 00:12:57,250

conversation yeah I would love to hear

300

00:13:00,329 --> 00:12:59,350

what that conversation was like I'm sure

301  
00:13:02,820 --> 00:13:00,339  
they would have said you know are you a

302  
00:13:07,590 --> 00:13:02,830  
practitioner of rifle driving have you

303  
00:13:08,699 --> 00:13:07,600  
ever damaged property or I'll be like to

304  
00:13:11,010 --> 00:13:08,709  
take this guy out he's going to be

305  
00:13:13,560 --> 00:13:11,020  
blindfolded driving the other line watch

306  
00:13:16,500 --> 00:13:13,570  
yeah what I don't think that's in the

307  
00:13:18,090 --> 00:13:16,510  
book here yeah well the funny thing is

308  
00:13:20,430 --> 00:13:18,100  
at the very end of the episode just as a

309  
00:13:23,010 --> 00:13:20,440  
gag at the end last bit was obviously

310  
00:13:24,960 --> 00:13:23,020  
just setup for a joke which was I take

311  
00:13:27,840 --> 00:13:24,970  
panacek blindfold driving when he was in

312  
00:13:30,480 --> 00:13:27,850  
Australia it was doing a lecture for

313  
00:13:32,610 --> 00:13:30,490

magicians and so it was such a good

314

00:13:34,470 --> 00:13:32,620

sport to get into a car with me with my

315

00:13:36,180 --> 00:13:34,480

blindfold and of course the car smashed

316

00:13:37,710 --> 00:13:36,190

and it was smashed with a stunt person

317

00:13:39,900 --> 00:13:37,720

and we put the Sun person in the credits

318

00:13:41,610 --> 00:13:39,910

just to prove that this ok this is these

319

00:13:43,470 --> 00:13:41,620

bits this bits like setup for a joke

320

00:13:46,170 --> 00:13:43,480

whereas everything else happened was for

321

00:13:48,810 --> 00:13:46,180

real yeah and what the interesting thing

322

00:13:51,300 --> 00:13:48,820

was ironically the implication meant

323

00:13:53,310 --> 00:13:51,310

that the ABC lawyers were more happy

324

00:13:56,990 --> 00:13:53,320

with someone else risking my life than

325

00:13:58,940 --> 00:13:57,000

they were with me risking services

326

00:14:00,650 --> 00:13:58,950

well I think the gag work really well it

327

00:14:02,510 --> 00:14:00,660

was a wonderful ending ending to that

328

00:14:04,880 --> 00:14:02,520

episode and better check acted

329

00:14:06,980 --> 00:14:04,890

beautifully yeah they really do banachek

330

00:14:08,870 --> 00:14:06,990

at the very end it was like he was

331

00:14:10,940 --> 00:14:08,880

giving me a million-dollar challenge you

332

00:14:13,070 --> 00:14:10,950

and then obviously I crashed the car

333

00:14:14,810 --> 00:14:13,080

because I can't fly paltrow so that was

334

00:14:17,600 --> 00:14:14,820

just a joke yet so I'm really pleased

335

00:14:19,790 --> 00:14:17,610

that you've had mostly positive reaction

336

00:14:21,680 --> 00:14:19,800

i would say to the co series but you

337

00:14:23,690 --> 00:14:21,690

would have had some much oh yeah yeah

338

00:14:25,370 --> 00:14:23,700

that's had some you know nasty emails

339

00:14:27,110 --> 00:14:25,380

and I've had you know had some criticism

340

00:14:29,270 --> 00:14:27,120

which I often write back to as well and

341

00:14:32,390 --> 00:14:29,280

and there's other like spirit stuff

342

00:14:34,610 --> 00:14:32,400

which I just ignores as well but yeah

343

00:14:38,810 --> 00:14:34,620

there was one person on Twitter who said

344

00:14:40,670 --> 00:14:38,820

that if they saw my smug hipster face in

345

00:14:42,320 --> 00:14:40,680

the street they would smash it and I

346

00:14:46,610 --> 00:14:42,330

think I was more grief by the label of

347

00:14:49,730 --> 00:14:46,620

hipster that I was yeah thank God a

348

00:14:52,370 --> 00:14:49,740

skeptic say that's you doing well I'm my

349

00:14:54,950 --> 00:14:52,380

Twitter followers would know them just

350

00:14:57,710 --> 00:14:54,960

last night another show of the one went

351  
00:14:59,450 --> 00:14:57,720  
to end it was being skeptical and most

352  
00:15:00,890 --> 00:14:59,460  
of the skeptical of the comments on

353  
00:15:02,540 --> 00:15:00,900  
Twitter were fun and interesting and

354  
00:15:04,040 --> 00:15:02,550  
when people but there's one person who

355  
00:15:05,900 --> 00:15:04,050  
just would really over border their

356  
00:15:07,850 --> 00:15:05,910  
abuses and their insults but you know

357  
00:15:10,250 --> 00:15:07,860  
yeah I guess there are just people like

358  
00:15:12,350 --> 00:15:10,260  
that out there well I mean I mean from

359  
00:15:13,700 --> 00:15:12,360  
from all stripes from you know if

360  
00:15:15,770 --> 00:15:13,710  
they're there are people out there who

361  
00:15:20,120 --> 00:15:15,780  
you know it can express through the

362  
00:15:21,410 --> 00:15:20,130  
enemy of the Internet anything they want

363  
00:15:23,630 --> 00:15:21,420

people can just say anything on the

364

00:15:25,040 --> 00:15:23,640

Internet essentially the Internet's all

365

00:15:26,360 --> 00:15:25,050

about people of things or hate things

366

00:15:28,760 --> 00:15:26,370

things that are in the middle button

367

00:15:30,470 --> 00:15:28,770

here no talks better I guess yeah but

368

00:15:32,180 --> 00:15:30,480

skirts you know what cats will always

369

00:15:33,650 --> 00:15:32,190

out rate both psychics and skeptics on

370

00:15:35,329 --> 00:15:33,660

television maybe you and I should get

371

00:15:37,520 --> 00:15:35,339

together one day and create a new show

372

00:15:39,680 --> 00:15:37,530

about skeptical cats get to also like a

373

00:15:41,000 --> 00:15:39,690

cat or psychic cats look head ahead they

374

00:15:42,920 --> 00:15:41,010

go

375

00:15:44,450 --> 00:15:42,930

I think that would be called a cage

376

00:15:46,220 --> 00:15:44,460

fight that would be quiet I don't think

377

00:15:47,870 --> 00:15:46,230

of it that would be that would be an

378

00:15:51,110 --> 00:15:47,880

interesting show dividing that would be

379

00:15:53,300 --> 00:15:51,120

so uh any big plans for the future knee

380

00:15:56,350 --> 00:15:53,310

things on the horizon that day you're

381

00:15:59,300 --> 00:15:56,360

considering i think i'm speaking at a

382

00:16:01,730 --> 00:15:59,310

skeptics mini convention later on this

383

00:16:04,640 --> 00:16:01,740

year and there's a birthday it's my

384

00:16:06,560 --> 00:16:04,650

birthday 19th november yes i'll be

385

00:16:09,590 --> 00:16:06,570

taking on your birthday coming to my

386

00:16:11,420 --> 00:16:09,600

birthday not because it's the convention

387

00:16:13,490 --> 00:16:11,430

because it's rachel's birthday yeah I

388

00:16:15,890 --> 00:16:13,500

wanted the co-hosts of gac which is the

389

00:16:19,130 --> 00:16:15,900

global atheist conference next year in a

390

00:16:21,170 --> 00:16:19,140

in Melbourne but in turn that that's

391

00:16:23,060 --> 00:16:21,180

that's that's why I guess more

392

00:16:25,070 --> 00:16:23,070

scientific endeavors but there's there's

393

00:16:27,290 --> 00:16:25,080

a lot more civ comedy coming coming down

394

00:16:29,750 --> 00:16:27,300

the pipe work as well in in terms of

395

00:16:32,420 --> 00:16:29,760

both we know Cleo telly and hope you

396

00:16:34,670 --> 00:16:32,430

live on stage as well plus some short

397

00:16:36,440 --> 00:16:34,680

films and I've been in a heist film I

398

00:16:38,630 --> 00:16:36,450

just got back from filming in Canberra

399

00:16:43,460 --> 00:16:38,640

know being a criminal on film which is

400

00:16:44,780 --> 00:16:43,470

this funny wow so that's that that's me

401  
00:16:45,980 --> 00:16:44,790  
completely against type as well and I

402  
00:16:48,800 --> 00:16:45,990  
saw you on the internet recently

403  
00:16:50,900 --> 00:16:48,810  
chatting to a scientist yes yes yes I've

404  
00:16:52,780 --> 00:16:50,910  
been promoting science and knowledge

405  
00:16:55,220 --> 00:16:52,790  
with the help of Griffith University

406  
00:16:56,420 --> 00:16:55,230  
they've got a bit of a campaign to you

407  
00:16:59,150 --> 00:16:56,430  
know get more people into science

408  
00:17:01,370 --> 00:16:59,160  
research so I've been helping them by

409  
00:17:04,100 --> 00:17:01,380  
filming short interviews with their

410  
00:17:06,140 --> 00:17:04,110  
scientists including some commercials

411  
00:17:07,819 --> 00:17:06,150  
just to promote the idea of knowledge

412  
00:17:10,370 --> 00:17:07,829  
and it's quite interesting because these

413  
00:17:14,120 --> 00:17:10,380

commercials are you know your your your

414

00:17:17,449 --> 00:17:14,130

sexy youth orientated um University ads

415

00:17:19,069 --> 00:17:17,459

these are ads which we have you know

416

00:17:21,060 --> 00:17:19,079

quite leading scientists actually

417

00:17:23,910 --> 00:17:21,070

talking about what they do

418

00:17:25,980 --> 00:17:23,920

kind of a different spin for like an ad

419

00:17:27,990 --> 00:17:25,990

for University yeah because it's very

420

00:17:30,270 --> 00:17:28,000

much focused on research and very much

421

00:17:32,520 --> 00:17:30,280

focused on you know achievements in

422

00:17:34,710 --> 00:17:32,530

scientific knowledge bday you know

423

00:17:36,290 --> 00:17:34,720

finding a cure for mental area or you

424

00:17:39,420 --> 00:17:36,300

know looking at heart disease or

425

00:17:41,370 --> 00:17:39,430

migraines in norfolk island by studying

426

00:17:44,730 --> 00:17:41,380

the genetic population so that's been

427

00:17:46,380 --> 00:17:44,740

quite fun to do as well a varied career

428

00:17:48,240 --> 00:17:46,390

you're having at the moment Lawrence

429

00:17:50,280 --> 00:17:48,250

it's really interesting if our listeners

430

00:17:51,780 --> 00:17:50,290

want to check out your work what's the

431

00:17:54,810 --> 00:17:51,790

best place they can have the best place

432

00:17:56,700 --> 00:17:54,820

would be Lauren saloon com that's a my

433

00:17:59,850 --> 00:17:56,710

name my Sunnah is very under your spell

434

00:18:03,030 --> 00:17:59,860

so bear with me it's Lawrence laew for

435

00:18:07,470 --> 00:18:03,040

starters and lawr ence and learn as le

436

00:18:10,740 --> 00:18:07,480

UNG calm and yeah so thats basically has

437

00:18:13,170 --> 00:18:10,750

all my travails both in a comedy and you

438

00:18:14,550 --> 00:18:13,180

know making entertaining lives in

439

00:18:16,950 --> 00:18:14,560

turning approach to psychology because i

440

00:18:19,080 --> 00:18:16,960

like to kind of teach people about how

441

00:18:21,950 --> 00:18:19,090

we all see the world but from scientific

442

00:18:24,990 --> 00:18:21,960

life people can have a go and google

443

00:18:27,060 --> 00:18:25,000

unbelievable ABC maybe or unbelievable

444

00:18:28,800 --> 00:18:27,070

teenie see what they find i'm sure it's

445

00:18:31,650 --> 00:18:28,810

on you too i'm sure some 50 your odds

446

00:18:33,360 --> 00:18:31,660

uploaded the whole series yeah it's got

447

00:18:35,190 --> 00:18:33,370

unbelievable it's it's i'm sure it's

448

00:18:36,570 --> 00:18:35,200

very easy to find because the volume of

449

00:18:37,920 --> 00:18:36,580

emails i've been getting about the show

450

00:18:40,380 --> 00:18:37,930

I know people from around the Lord and

451  
00:18:42,330 --> 00:18:40,390  
founder that's good Lawrence's choose

452  
00:18:46,650 --> 00:18:42,340  
your own adventure is available on catch

453  
00:18:48,480 --> 00:18:46,660  
up 72 yahoo television yeah in australia

454  
00:18:50,100 --> 00:18:48,490  
yes you can watch it for free there

455  
00:18:52,930 --> 00:18:50,110  
that's interesting while you're there

456  
00:18:55,910 --> 00:18:52,940  
you can watch the last episode of the 12

457  
00:18:57,710 --> 00:18:55,920  
you're a good luck to the the do you

458  
00:18:59,000 --> 00:18:57,720  
have any predictions of who you thinks

459  
00:19:01,490 --> 00:18:59,010  
are you know that say who you think said

460  
00:19:02,960 --> 00:19:01,500  
aware well I don't know yet about that

461  
00:19:06,049 --> 00:19:02,970  
way this is the thing is that the show

462  
00:19:08,570 --> 00:19:06,059  
gets we have ten contestants nine asa

463  
00:19:11,360 --> 00:19:08,580

nine now because one was eliminated on

464

00:19:13,400 --> 00:19:11,370

the last episode and over the next

465

00:19:16,940 --> 00:19:13,410

week's we eat all that down to three all

466

00:19:18,530 --> 00:19:16,950

right then it's Australia votes you ring

467

00:19:20,000 --> 00:19:18,540

up for your favorite easy and then

468

00:19:23,180 --> 00:19:20,010

that's how the winners chosen somewhere

469

00:19:25,549 --> 00:19:23,190

I have no idea well it might be me for

470

00:19:27,200 --> 00:19:25,559

all I know is I should surely the

471

00:19:28,310 --> 00:19:27,210

psychics know who is gonna win did that

472

00:19:30,440 --> 00:19:28,320

they have to make predictions they do

473

00:19:34,070 --> 00:19:30,450

addictions and we see how that goes

474

00:19:36,320 --> 00:19:34,080

that's really funny oh yeah well good

475

00:19:38,360 --> 00:19:36,330

luck on the one yeah and good luck on

476

00:19:40,930 --> 00:19:38,370

the repeats of the unbeliever one maybe

477

00:19:43,669 --> 00:19:40,940

we should have owned strays best sketch

478

00:19:48,080 --> 00:19:43,679

show you how to skip that's fitted with

479

00:19:50,060 --> 00:19:48,090

the panel of suture now that's something

480

00:19:57,550 --> 00:19:50,070

that would be fun to watch that would be

481

00:20:04,370 --> 00:20:00,890

you're listening to the skeptic zone I'm

482

00:20:06,740 --> 00:20:04,380

Brian Dunning from sceptile calm when

483

00:20:09,590 --> 00:20:06,750

I'm not tuned into the skeptic zone I'm

484

00:20:11,420 --> 00:20:09,600

recording thus kept I'd podcast doing

485

00:20:13,240 --> 00:20:11,430

what I can to further knowledge by

486

00:20:15,740 --> 00:20:13,250

blasting away the widespread

487

00:20:18,590 --> 00:20:15,750

pseudo-sciences that infect popular

488

00:20:20,660 --> 00:20:18,600

culture I've also compiled a 40-minute

489

00:20:23,900 --> 00:20:20,670

educational video on critical thinking

490

00:20:27,590 --> 00:20:23,910

called here be dragons at here be

491

00:20:30,620 --> 00:20:27,600

dragons movie.com I hope you check those

492

00:20:38,770 --> 00:20:30,630

out and I hope you enjoy the skeptic

493

00:20:44,740 --> 00:20:42,190

recently I was the guest on ABC radio

494

00:20:48,970 --> 00:20:44,750

here in Sydney with Robbie buck where

495

00:20:51,220 --> 00:20:48,980

the topic of spoon bending came up yes I

496

00:20:53,890 --> 00:20:51,230

know it's an old story but you know what

497

00:20:57,130 --> 00:20:53,900

i really like spoon bending and so is a

498

00:21:00,990 --> 00:20:57,140

good lesson to me on how people can be

499

00:21:12,190 --> 00:21:01,000

fooled so here's my take on sydney radio

500

00:21:15,950 --> 00:21:14,480

yes you may recall last night we were

501  
00:21:19,100 --> 00:21:15,960  
talking about life's little mysteries

502  
00:21:20,840 --> 00:21:19,110  
and you're a girl's name was was brought

503  
00:21:24,340 --> 00:21:20,850  
up in the conversation this the the

504  
00:21:26,330 --> 00:21:24,350  
famous psychic from the 70s and 80s

505  
00:21:28,670 --> 00:21:26,340  
think he's still around isn't he was

506  
00:21:32,030 --> 00:21:28,680  
friends with Michael Jackson for for

507  
00:21:35,470 --> 00:21:32,040  
quite a while and via the fine art of

508  
00:21:37,700 --> 00:21:35,480  
spoon bending that he was a master of

509  
00:21:42,410 --> 00:21:37,710  
others have followed in his footsteps

510  
00:21:45,880 --> 00:21:42,420  
and somehow managed to to bend spoons

511  
00:21:48,650 --> 00:21:45,890  
using nothing but mind power it seems

512  
00:21:50,420 --> 00:21:48,660  
somebody who has developed that skill

513  
00:21:51,500 --> 00:21:50,430

himself is Richard Saunders he's the

514

00:21:53,420 --> 00:21:51,510

vice president of the New South Wales

515

00:21:55,280 --> 00:21:53,430

branch of the Australian skeptics

516

00:21:57,650 --> 00:21:55,290

Association how are they Richard hello

517

00:22:00,050 --> 00:21:57,660

good evening you've met a few spoons in

518

00:22:02,600 --> 00:22:00,060

your time have you I do and strangely

519

00:22:05,840 --> 00:22:02,610

enough I used the power of my mind my

520

00:22:10,310 --> 00:22:05,850

mind is directing my fingers the mind is

521

00:22:11,930 --> 00:22:10,320

a wonderful thing and tonight absolutely

522

00:22:14,060 --> 00:22:11,940

free I think most other radio stations

523

00:22:16,280 --> 00:22:14,070

would charge listeners for this kind of

524

00:22:18,620 --> 00:22:16,290

information being the ABC we have only

525

00:22:22,970 --> 00:22:18,630

charged you ate sense of possibility

526

00:22:25,070 --> 00:22:22,980

inflation a day for this knowledge we

527

00:22:27,650 --> 00:22:25,080

are turning the the listeners of the

528

00:22:30,620 --> 00:22:27,660

evening show into psychics I would like

529

00:22:33,320 --> 00:22:30,630

to thank George who I did very hurriedly

530

00:22:35,450 --> 00:22:33,330

text in the number three when a few

531

00:22:37,640 --> 00:22:35,460

moments ago I was asking you to do tap

532

00:22:39,830 --> 00:22:37,650

your psychic powers and see if you could

533

00:22:42,920 --> 00:22:39,840

imagine what number it was that I was

534

00:22:44,510 --> 00:22:42,930

thinking of it wasn't three George it

535

00:22:46,040 --> 00:22:44,520

was seven so it means that you should be

536

00:22:48,740 --> 00:22:46,050

listening it ever so closely to this

537

00:22:51,470 --> 00:22:48,750

because which it is about to to take you

538

00:22:54,380 --> 00:22:51,480

through the wonderful world of spoon

539

00:22:58,820 --> 00:22:54,390

bending and turn you into a bona fide

540

00:22:59,960 --> 00:22:58,830

thoroughbred psychic tonight how have

541

00:23:01,850 --> 00:22:59,970

you been involved with the the

542

00:23:03,530 --> 00:23:01,860

Australian skeptics Association Richard

543

00:23:07,190 --> 00:23:03,540

I've been pretty heavily involved for

544

00:23:08,990 --> 00:23:07,200

about 10 11 years but before then it was

545

00:23:10,970 --> 00:23:09,000

always a great interest of mine dating

546

00:23:14,180 --> 00:23:10,980

right back to when I was a small boy in

547

00:23:17,720 --> 00:23:14,190

the 70s and uri geller was very very

548

00:23:19,550 --> 00:23:17,730

famous in popular and I remember one

549

00:23:21,830 --> 00:23:19,560

occasion when he was about to appear on

550

00:23:23,330 --> 00:23:21,840

Australian television I don't even know

551

00:23:24,280 --> 00:23:23,340

if was live you know could have been

552

00:23:29,670 --> 00:23:24,290

pre-recorded

553

00:23:33,460 --> 00:23:29,680

and my brother and I hid the spoons

554

00:23:36,190 --> 00:23:33,470

because we were so scared that the spook

555

00:23:38,230 --> 00:23:36,200

West that's what we were told people

556

00:23:39,940 --> 00:23:38,240

even people in their own houses their

557

00:23:43,210 --> 00:23:39,950

spoons or better with and what our

558

00:23:45,280 --> 00:23:43,220

supposed it now it's a great little

559

00:23:47,920 --> 00:23:45,290

funny story then I'm thinking about it

560

00:23:50,710 --> 00:23:47,930

that's that's really unfair it's been a

561

00:23:53,260 --> 00:23:50,720

mile it's mean it is unfair because um

562

00:23:56,110 --> 00:23:53,270

and it also belittles magic conjuring

563

00:23:57,820 --> 00:23:56,120

tricks you know spoon bending is a great

564

00:24:00,130 --> 00:23:57,830

old country trick great for parties

565

00:24:03,520 --> 00:24:00,140

magicians do it for the purposes of

566

00:24:05,500 --> 00:24:03,530

entertainment yes and what really amazes

567

00:24:07,390 --> 00:24:05,510

me to this day is that somebody like

568

00:24:10,800 --> 00:24:07,400

gallo or it was a few of them around at

569

00:24:12,910 --> 00:24:10,810

the time could do a shtick and I'll a

570

00:24:15,760 --> 00:24:12,920

magical stick it's like pulling a rabbit

571

00:24:18,600 --> 00:24:15,770

out of a hat but then tell people it was

572

00:24:21,760 --> 00:24:18,610

a real it was real magic or real

573

00:24:23,440 --> 00:24:21,770

metaphysical stuff going on it's it's

574

00:24:27,070 --> 00:24:23,450

it's jaw-dropping that people at the

575

00:24:29,080 --> 00:24:27,080

time bought a little own now well that's

576  
00:24:31,360 --> 00:24:29,090  
what was some of his other tricks if you

577  
00:24:34,240 --> 00:24:31,370  
like that he was some it was renowned

578  
00:24:35,560 --> 00:24:34,250  
for there's the spoon bending yeah um I

579  
00:24:38,170 --> 00:24:35,570  
guess is the first thing that comes to

580  
00:24:41,290 --> 00:24:38,180  
mind but were there any other sure he

581  
00:24:43,450 --> 00:24:41,300  
did about four others I think three or

582  
00:24:46,510 --> 00:24:43,460  
four others one of them was called in

583  
00:24:47,890 --> 00:24:46,520  
magic circles design duplication this is

584  
00:24:50,200 --> 00:24:47,900  
where someone writes something on a

585  
00:24:52,540 --> 00:24:50,210  
notepad and puts it in an envelope and

586  
00:24:55,930 --> 00:24:52,550  
seals it up and then lo and behold the

587  
00:24:57,850 --> 00:24:55,940  
put the performer using magic powers can

588  
00:25:02,950 --> 00:24:57,860

recreate on another note pad where they

589

00:25:04,990 --> 00:25:02,960

drew the the envelope son unveiled or

590

00:25:07,420 --> 00:25:05,000

whatever and y lo and behold it's the

591

00:25:09,910 --> 00:25:07,430

same drawing of course that's in magic

592

00:25:11,500 --> 00:25:09,920

books if you go to the magic shops you

593

00:25:13,390 --> 00:25:11,510

can buy books which we explained three

594

00:25:14,680 --> 00:25:13,400

or four techniques and how they're very

595

00:25:16,810 --> 00:25:14,690

trick works so is the power of

596

00:25:19,330 --> 00:25:16,820

suggestion that's working it oh no it's

597

00:25:21,100 --> 00:25:19,340

it's it's you have to plan out your

598

00:25:22,750 --> 00:25:21,110

trick right so it's a slight of Florida

599

00:25:24,460 --> 00:25:22,760

sleight of hands you could look at it

600

00:25:26,290 --> 00:25:24,470

that way more of a sleight-of-hand yet

601  
00:25:29,860 --> 00:25:26,300  
and the other one he did was he'd make a

602  
00:25:31,510 --> 00:25:29,870  
compass bend move he'd say concentrate

603  
00:25:32,890 --> 00:25:31,520  
now and he get right down in they make

604  
00:25:35,560 --> 00:25:32,900  
all sorts of noises like this having

605  
00:25:38,499 --> 00:25:35,570  
constipation and the compass would move

606  
00:25:39,699 --> 00:25:38,509  
ever so slightly is now it doesn't

607  
00:25:41,649 --> 00:25:39,709  
don't need to be a rocket scientist if

608  
00:25:43,779 --> 00:25:41,659  
you have a magnet with him yeah you you

609  
00:25:46,539 --> 00:25:43,789  
move compasses with a little magnet it's

610  
00:25:48,189 --> 00:25:46,549  
it's as simple as that but people wanted

611  
00:25:51,519 --> 00:25:48,199  
to be true and they and they just went

612  
00:25:52,749 --> 00:25:51,529  
along with it I guess hey we were joined

613  
00:25:54,699 --> 00:25:52,759

by Richard Saunders tonight vice

614

00:25:56,499 --> 00:25:54,709

president of the New South Wales branch

615

00:25:58,180 --> 00:25:56,509

of the Australian skeptics Association

616

00:26:00,009 --> 00:25:58,190

by this time I'm hoping that you've

617

00:26:03,489 --> 00:26:00,019

you've run to the cutlery drawer you've

618

00:26:04,629 --> 00:26:03,499

found your your best spoon now don't do

619

00:26:07,329 --> 00:26:04,639

that good fight if you can find yourself

620

00:26:08,859 --> 00:26:07,339

an old spoon I take it Richard we're

621

00:26:11,669 --> 00:26:08,869

looking for or not particularly thick

622

00:26:14,589 --> 00:26:11,679

spoons in this case it really depends on

623

00:26:16,659 --> 00:26:14,599

how you want to do the trick because you

624

00:26:19,629 --> 00:26:16,669

can actually use thick spoons or thin

625

00:26:22,659 --> 00:26:19,639

spoons um if you use good spoons you get

626

00:26:24,459 --> 00:26:22,669

into trouble at least I do see in fact

627

00:26:27,549 --> 00:26:24,469

I've got one with me right now fresh out

628

00:26:29,139 --> 00:26:27,559

of the packet at some that's it falling

629

00:26:32,769 --> 00:26:29,149

on the table i buy them in bulk at a

630

00:26:35,049 --> 00:26:32,779

catering store I have to because there's

631

00:26:37,209 --> 00:26:35,059

there's two basic spoon bending tricks

632

00:26:39,189 --> 00:26:37,219

one is with the spoon will simply bend

633

00:26:41,349 --> 00:26:39,199

right that's great because you can bend

634

00:26:43,869 --> 00:26:41,359

it back and use it the next day for the

635

00:26:45,879 --> 00:26:43,879

next person the other one is where you

636

00:26:48,999 --> 00:26:45,889

rub it between your fingers this lo and

637

00:26:51,039 --> 00:26:49,009

behold it droops melts and breaks into

638

00:26:53,049 --> 00:26:51,049

this is this is the one I love yeah

639

00:26:56,349 --> 00:26:53,059

that's the way though they rub it yeah

640

00:26:58,119 --> 00:26:56,359

yeah is that top secret magic business

641

00:27:00,399 --> 00:26:58,129

or is there well I can allude to it I

642

00:27:03,549 --> 00:27:00,409

can allude to it it's basically metal

643

00:27:05,289 --> 00:27:03,559

fatigue so without going into too many

644

00:27:06,759 --> 00:27:05,299

details because you know every magicians

645

00:27:11,289 --> 00:27:06,769

got a slightly different way to do it

646

00:27:14,019 --> 00:27:11,299

it's a you have to prepare the spoon in

647

00:27:15,189 --> 00:27:14,029

advance ROG it's it's it's a simple step

648

00:27:16,599 --> 00:27:15,199

there's an old expression how do you

649

00:27:19,749 --> 00:27:16,609

bend a spoon while you do it when no

650

00:27:23,349 --> 00:27:19,759

one's looking now once the spoon is

651  
00:27:26,430 --> 00:27:23,359  
prepared enough bye bye baby can I can I

652  
00:27:29,049 --> 00:27:26,440  
ask you as far as preparing is concerned

653  
00:27:32,369 --> 00:27:29,059  
with are we talking you know heat or

654  
00:27:35,229 --> 00:27:32,379  
force force force but it does during the

655  
00:27:37,239 --> 00:27:35,239  
preparation when you're basically

656  
00:27:39,159 --> 00:27:37,249  
bending the spoon back and forth and

657  
00:27:41,649 --> 00:27:39,169  
back yeah it will get a stress fracture

658  
00:27:43,389 --> 00:27:41,659  
right and once the strike the stress

659  
00:27:46,659 --> 00:27:43,399  
fracture is in the neck of the spoon you

660  
00:27:49,029 --> 00:27:46,669  
stop you bring the spoon up to as it was

661  
00:27:50,349 --> 00:27:49,039  
before and it's surprisingly strong you

662  
00:27:52,090 --> 00:27:50,359  
can stir your coffee with it you can

663  
00:27:54,460 --> 00:27:52,100

bang it on the table you can you

664

00:27:55,810 --> 00:27:54,470

like a normal spoon but when you put it

665

00:27:59,260 --> 00:27:55,820

between your fingers and you do the

666

00:28:02,230 --> 00:27:59,270

final break that's that's that's when

667

00:28:05,980 --> 00:28:02,240

the magic happens yeah now look right

668

00:28:08,260 --> 00:28:05,990

it's hard to explain on radio if people

669

00:28:10,180 --> 00:28:08,270

really want to know how to do it there's

670

00:28:11,380 --> 00:28:10,190

this little invention called YouTube and

671

00:28:14,529 --> 00:28:11,390

where you can find just about anything

672

00:28:17,380 --> 00:28:14,539

there yeah but it's it never it never

673

00:28:20,650 --> 00:28:17,390

fails to amuse people it's really great

674

00:28:23,460 --> 00:28:20,660

and what I find really interesting is I

675

00:28:26,409 --> 00:28:23,470

do a lot of talks for schools and

676

00:28:28,870 --> 00:28:26,419

students don't have a clue what spoon

677

00:28:31,419 --> 00:28:28,880

bending is it's way beyond their time

678

00:28:33,700 --> 00:28:31,429

yeah sure and it's a great lesson to

679

00:28:36,159 --> 00:28:33,710

know that or to think about if it was

680

00:28:38,710 --> 00:28:36,169

real if people in the 70s with the power

681

00:28:42,190 --> 00:28:38,720

of their mind could actually melt melt

682

00:28:45,070 --> 00:28:42,200

metal it wouldn't be something lost or

683

00:28:47,140 --> 00:28:45,080

to time it would be no it would be

684

00:28:48,399 --> 00:28:47,150

incredible it would be well-known would

685

00:28:50,230 --> 00:28:48,409

be you know what what a wasted

686

00:28:55,690 --> 00:28:50,240

opportunity that that we can't fool the

687

00:28:58,500 --> 00:28:55,700

younger generation by all the time but I

688

00:29:00,810 --> 00:28:58,510

don't say it like it's a magic trick

689

00:29:03,399 --> 00:29:00,820

Richard thank you ever so much for

690

00:29:05,529 --> 00:29:03,409

bringing out our psychic powers tonight

691

00:29:07,840 --> 00:29:05,539

through the the magic of the bended

692

00:29:09,190 --> 00:29:07,850

spoon I appreciate it not a problem good

693

00:29:10,840 --> 00:29:09,200

onion Richard Saunders just a vice

694

00:29:12,520 --> 00:29:10,850

president of the New South Wales branch

695

00:29:15,549 --> 00:29:12,530

of the Australian skeptics Association

696

00:29:27,740 --> 00:29:15,559

turning you into a psychic tonight 20

697

00:29:33,090 --> 00:29:30,990

hello on Allah needle on solo scoffs of

698

00:29:35,490 --> 00:29:33,100

dip moment been to an odd low so another

699

00:29:40,110 --> 00:29:35,500

skeptics on for weeds and stop and katie

700

00:29:50,880 --> 00:29:40,120

schneider incur a meeting for Marcy hana

701  
00:29:53,670 --> 00:29:50,890  
we nearly been skeptics own fund TV now

702  
00:29:58,560 --> 00:29:53,680  
it's time for dr. Rachel reports with

703  
00:30:00,240 --> 00:29:58,570  
dr. Rachel Dunlop several weeks ago I

704  
00:30:02,250 --> 00:30:00,250  
was asked to write a blog post about the

705  
00:30:04,200 --> 00:30:02,260  
science behind vaccinations for the very

706  
00:30:06,660 --> 00:30:04,210  
popular blog in Australia Mamma Mia

707  
00:30:08,700 --> 00:30:06,670  
which you can find at mamma mia calm day

708  
00:30:10,740 --> 00:30:08,710  
you the post turned out to be very

709  
00:30:13,320 --> 00:30:10,750  
popular and has since been shared over

710  
00:30:15,510 --> 00:30:13,330  
four thousand times on Facebook tweeted

711  
00:30:18,780 --> 00:30:15,520  
more than 400 times and at this point is

712  
00:30:20,850 --> 00:30:18,790  
up to more than 1,100 comments as a part

713  
00:30:23,580 --> 00:30:20,860

of the blog post Mamma Mia TV which

714

00:30:26,820 --> 00:30:23,590

screens on Sky News did a story about

715

00:30:28,350 --> 00:30:26,830

vaccination last Friday it ad on Friday

716

00:30:30,150 --> 00:30:28,360

in Australia and featured the

717

00:30:31,620 --> 00:30:30,160

McCaffrey's who were brave enough to

718

00:30:33,930 --> 00:30:31,630

talk about the death of their four-week

719

00:30:36,990 --> 00:30:33,940

old daughter Dana from whooping cough in

720

00:30:39,120 --> 00:30:37,000

2009 today we present for you the audio

721

00:30:41,790 --> 00:30:39,130

from the show if you'd like to see the

722

00:30:48,060 --> 00:30:41,800

video it's available on youtube if you

723

00:30:50,760 --> 00:30:48,070

google mum Amir Sky News episode 11 this

724

00:30:52,200 --> 00:30:50,770

is a very moving but ultimately

725

00:30:53,820 --> 00:30:52,210

inspirational interview with an

726

00:30:56,340 --> 00:30:53,830

incredible couple Tony and Dave

727

00:30:58,950 --> 00:30:56,350

McCaffrey their daughter Dana was only

728

00:31:01,350 --> 00:30:58,960

three weeks old when she first started

729

00:31:03,660 --> 00:31:01,360

to get a little sniffle and her mother

730

00:31:06,270 --> 00:31:03,670

Tony took her to the GP three times

731

00:31:07,470 --> 00:31:06,280

actually four times in three days she

732

00:31:09,990 --> 00:31:07,480

kept getting sent away but she knew

733

00:31:12,840 --> 00:31:10,000

something was wrong it was only on that

734

00:31:15,540 --> 00:31:12,850

last visit that their nightmare truly

735

00:31:18,570 --> 00:31:15,550

began it wasn't until my doctor rang

736

00:31:21,750 --> 00:31:18,580

very shocked that with the positives

737

00:31:23,280 --> 00:31:21,760

test and and I just picked up my son

738

00:31:25,410 --> 00:31:23,290

from school and she said go straight to

739

00:31:28,050 --> 00:31:25,420

the hospital and she said it's whooping

740

00:31:30,330 --> 00:31:28,060

cough and I was really relieved oh great

741

00:31:32,190 --> 00:31:30,340

we know what it yeah some of their when

742

00:31:32,970 --> 00:31:32,200

we walked into the ward they had it

743

00:31:35,549 --> 00:31:32,980

already

744

00:31:38,159 --> 00:31:35,559

we went into the isolation room and we

745

00:31:40,289 --> 00:31:38,169

literally walked in was about 10 minutes

746

00:31:43,590 --> 00:31:40,299

after we got there and she had her first

747

00:31:45,960 --> 00:31:43,600

coughing paroxysm and it was like a

748

00:31:47,730 --> 00:31:45,970

coughing fear it's a coughing fit and I

749

00:31:51,810 --> 00:31:47,740

wouldn't even say it's a cough it was

750

00:31:55,830 --> 00:31:51,820

more like much yeah until she went

751  
00:31:58,500 --> 00:31:55,840  
silent until she started going red and

752  
00:32:01,289 --> 00:31:58,510  
purple and blue and suddenly just

753  
00:32:02,820 --> 00:32:01,299  
stopped breathing in our arms this is

754  
00:32:06,330 --> 00:32:02,830  
just after you've arrived disasters we

755  
00:32:08,190 --> 00:32:06,340  
derived it was oh my god if I think in

756  
00:32:09,810 --> 00:32:08,200  
the car oh hi we would have been

757  
00:32:12,390 --> 00:32:09,820  
resuscitating her on the side of the

758  
00:32:14,880 --> 00:32:12,400  
road and they just quickly put the

759  
00:32:16,380 --> 00:32:14,890  
oxygen on it and very calmly said yep

760  
00:32:19,020 --> 00:32:16,390  
this is whooping cough from where we

761  
00:32:21,600 --> 00:32:19,030  
just just in shock that's how we learned

762  
00:32:24,240 --> 00:32:21,610  
about what whooping cough is and then

763  
00:32:27,960 --> 00:32:24,250

she would cough like that up to 10 times

764

00:32:30,990 --> 00:32:27,970

an hour and all we could do would be put

765

00:32:32,850 --> 00:32:31,000

oxygen on her too she regained her

766

00:32:34,530 --> 00:32:32,860

breath was there any treatment that

767

00:32:36,690 --> 00:32:34,540

could be given to a baby so young well

768

00:32:38,850 --> 00:32:36,700

that's that is a shocking thing for us

769

00:32:42,000 --> 00:32:38,860

we've just bought her in choking and

770

00:32:44,700 --> 00:32:42,010

they said we look great what happens now

771

00:32:47,940 --> 00:32:44,710

and they said well there is no treatment

772

00:32:50,340 --> 00:32:47,950

all we can do moment is managed her and

773

00:32:53,130 --> 00:32:50,350

she's going to cough like this for up to

774

00:32:55,110 --> 00:32:53,140

three to four months giving anybody just

775

00:32:56,669 --> 00:32:55,120

just not have any pictures to other

776

00:32:58,770 --> 00:32:56,679

people how long were you in the hospital

777

00:33:01,950 --> 00:32:58,780

for weren't in there for five days and

778

00:33:05,220 --> 00:33:01,960

this is the whole this was the shock for

779

00:33:08,159 --> 00:33:05,230

us is that what was the block nose and

780

00:33:11,430 --> 00:33:08,169

something that I guess my GP made me

781

00:33:14,400 --> 00:33:11,440

feel like I was overreacting 25 times

782

00:33:16,680 --> 00:33:14,410

later my baby's dead it just was like a

783

00:33:19,650 --> 00:33:16,690

freight train and she was getting better

784

00:33:22,289 --> 00:33:19,660

on the Friday the nurses said to me you

785

00:33:23,520 --> 00:33:22,299

be home on the weekend shoot she's doing

786

00:33:25,890 --> 00:33:23,530

really well cause she was recovering

787

00:33:28,200 --> 00:33:25,900

through the coughs really well I don't

788

00:33:30,299 --> 00:33:28,210

think that once you're in a hospital and

789

00:33:31,860 --> 00:33:30,309

he was a shock to me we even when she

790

00:33:33,210 --> 00:33:31,870

first developed the pneumonia and they

791

00:33:35,159 --> 00:33:33,220

said look we're going to a diff too

792

00:33:38,010 --> 00:33:35,169

we're going to ventilator and anitha

793

00:33:41,970 --> 00:33:38,020

tiser I was so relieved because it just

794

00:33:43,680 --> 00:33:41,980

meant she didn't have to see choke you

795

00:33:46,180 --> 00:33:43,690

know surely there must be a cure you

796

00:33:47,740 --> 00:33:46,190

know we there were babies in intensive

797

00:33:51,310 --> 00:33:47,750

airport you know they were fighting

798

00:33:53,019 --> 00:33:51,320

cancer they had heart defects organs on

799

00:33:57,460 --> 00:33:53,029

the outside of their body and I was I

800

00:34:00,759 --> 00:33:57,470

was just wishing that I kept saying to

801  
00:34:03,610 --> 00:34:00,769  
myself I'll swap it for cancer because

802  
00:34:06,159 --> 00:34:03,620  
at least then I've got we've got more of

803  
00:34:08,950 --> 00:34:06,169  
a chance but you just when you're given

804  
00:34:11,139 --> 00:34:08,960  
that and you know you just got to do

805  
00:34:13,389 --> 00:34:11,149  
what you can there are no warnings or

806  
00:34:14,680 --> 00:34:13,399  
anything because your area this is

807  
00:34:16,809 --> 00:34:14,690  
something else you didn't know has one

808  
00:34:19,329 --> 00:34:16,819  
of the highest rates of maybe coffin is

809  
00:34:22,500 --> 00:34:19,339  
a fire that there was nothing there was

810  
00:34:25,899 --> 00:34:22,510  
no information there was nothing about

811  
00:34:29,669 --> 00:34:25,909  
adults needing a booster I just I was

812  
00:34:32,349 --> 00:34:29,679  
just gobsmacked that something so deadly

813  
00:34:36,730 --> 00:34:32,359

there was no information about it and

814

00:34:38,409 --> 00:34:36,740

and then to know that uh you know there

815

00:34:41,260 --> 00:34:38,419

was two other babies they lifted from

816

00:34:44,559 --> 00:34:41,270

the lismore base hospital the week after

817

00:34:46,540 --> 00:34:44,569

Dana died so that's five babies in three

818

00:34:51,629 --> 00:34:46,550

weeks from not a very heavily populated

819

00:34:54,159 --> 00:34:51,639

area and it it was a really deadly

820

00:34:56,250 --> 00:34:54,169

situation where you've got something out

821

00:34:59,920 --> 00:34:56,260

there that's such a dangerous disease

822

00:35:02,200 --> 00:34:59,930

that kills one in two hundred babies no

823

00:35:04,930 --> 00:35:02,210

one was being told and it was until

824

00:35:08,589 --> 00:35:04,940

after Dana died that then we discovered

825

00:35:11,380 --> 00:35:08,599

to our horror it was it was everywhere

826

00:35:13,839 --> 00:35:11,390

like information is everything yeah

827

00:35:16,030 --> 00:35:13,849

because if you're warned you know really

828

00:35:17,920 --> 00:35:16,040

should get a chance if you want my

829

00:35:19,569 --> 00:35:17,930

reason they got vaccination is because

830

00:35:21,430 --> 00:35:19,579

of these diseases happens like killers

831

00:35:23,800 --> 00:35:21,440

for the only thing we've got is

832

00:35:26,280 --> 00:35:23,810

vaccination to help prevent this

833

00:35:28,900 --> 00:35:26,290

happening to our most vulnerable so

834

00:35:32,280 --> 00:35:28,910

that's a really important point I think

835

00:35:35,079 --> 00:35:32,290

we need to mind this is a deadly disease

836

00:35:37,059 --> 00:35:35,089

and I haven't found a cure for but even

837

00:35:38,530 --> 00:35:37,069

in those days after Dana's death seeing

838

00:35:40,839 --> 00:35:38,540

some of the headlines you know it's a

839

00:35:43,450 --> 00:35:40,849

very empty feeling opening a paper scene

840

00:35:45,940 --> 00:35:43,460

full week old baby dead whooping cough

841

00:35:49,410 --> 00:35:45,950

and it's yours but then you read stuff

842

00:35:52,480 --> 00:35:49,420

in it that's inaccurate like why like

843

00:35:53,980 --> 00:35:52,490

you know these two paragraphs and you

844

00:35:55,120 --> 00:35:53,990

know before we called baby died of

845

00:35:56,559 --> 00:35:55,130

whooping cough so if you have any

846

00:35:58,950 --> 00:35:56,569

symptoms go to your doctor and get so

847

00:36:00,840 --> 00:35:58,960

many bodies like that

848

00:36:02,790 --> 00:36:00,850

you think but no that's not going to

849

00:36:06,240 --> 00:36:02,800

it's not going to do anything and then

850

00:36:08,580 --> 00:36:06,250

of course the whole you know it exploded

851

00:36:10,230 --> 00:36:08,590

with the pros and cons you know that

852

00:36:12,630 --> 00:36:10,240

both sides of the vaccination debate

853

00:36:15,210 --> 00:36:12,640

balance on a debate that we had nowhere

854

00:36:18,210 --> 00:36:15,220

wenzel one of the morning shows was on

855

00:36:19,470 --> 00:36:18,220

and they had an expert on and the expert

856

00:36:21,360 --> 00:36:19,480

had said you've got a question the

857

00:36:24,150 --> 00:36:21,370

mothers because she should have passed

858

00:36:28,830 --> 00:36:24,160

on immunity during childbirth and I I

859

00:36:30,870 --> 00:36:28,840

was watching that and I just I ran my

860

00:36:34,320 --> 00:36:30,880

doctor's gate it was mean because I

861

00:36:37,110 --> 00:36:34,330

didn't I couldn't protect her and that's

862

00:36:39,180 --> 00:36:37,120

when we just the day after Dana's

863

00:36:41,310 --> 00:36:39,190

funeral when Dave and I just took some

864

00:36:43,890 --> 00:36:41,320

time out and went and SAT by her grave

865

00:36:46,710 --> 00:36:43,900

for a few hours just to I guess get

866

00:36:48,900 --> 00:36:46,720

through the shock of it all we're just

867

00:36:52,950 --> 00:36:48,910

so we just got to say something because

868

00:36:55,770 --> 00:36:52,960

it's just the informations not out there

869

00:37:00,000 --> 00:36:55,780

people just don't understand protection

870

00:37:03,840 --> 00:37:00,010

or supported I felt by her family were

871

00:37:07,230 --> 00:37:03,850

yeah but support but we started to

872

00:37:11,010 --> 00:37:07,240

become aware of them a bunch of people

873

00:37:13,920 --> 00:37:11,020

you didn't basically like us because we

874

00:37:15,870 --> 00:37:13,930

were trying to help our community fear

875

00:37:20,070 --> 00:37:15,880

that very strange yeah we what would

876

00:37:23,040 --> 00:37:20,080

fight bizarre is that our daughter had

877

00:37:26,370 --> 00:37:23,050

died of something horrendous that was

878

00:37:27,930 --> 00:37:26,380

prevented that was preventable and we

879

00:37:30,930 --> 00:37:27,940

just wanted to warn other parents so it

880

00:37:33,390 --> 00:37:30,940

doesn't happen to them it's very very

881

00:37:36,210 --> 00:37:33,400

simple borrowed of course you've got no

882

00:37:38,190 --> 00:37:36,220

no we don't own a pharmaceutical company

883

00:37:41,250 --> 00:37:38,200

i well it's one of those things if

884

00:37:43,350 --> 00:37:41,260

someone's got information then they you

885

00:37:44,820 --> 00:37:43,360

know they warned and we just wanted to

886

00:37:47,460 --> 00:37:44,830

give people the warning we didn't get

887

00:37:51,000 --> 00:37:47,470

that's all all our intention has ever

888

00:37:54,900 --> 00:37:51,010

been what an amazing couple and what is

889

00:37:59,250 --> 00:37:54,910

terribly tragic story the story of Dana

890

00:38:02,250 --> 00:37:59,260

McCaffrey is one that that you know has

891

00:38:04,170 --> 00:38:02,260

gone on to have some benefit through the

892

00:38:05,970 --> 00:38:04,180

bravery of her parents who have decided

893

00:38:08,070 --> 00:38:05,980

to honor her by speaking out what did

894

00:38:10,380 --> 00:38:08,080

you guys think devastated because we

895

00:38:11,980 --> 00:38:10,390

made the choice with our child to delay

896

00:38:15,190 --> 00:38:11,990

the whooping cough

897

00:38:16,570 --> 00:38:15,200

sedation it was something I you know I

898

00:38:19,090 --> 00:38:16,580

didn't feel comfortable with but my

899

00:38:21,580 --> 00:38:19,100

partner felt strongly about it and and I

900

00:38:23,290 --> 00:38:21,590

didn't I didn't know that yeah there's

901  
00:38:25,600 --> 00:38:23,300  
so much that I didn't know Braun you've

902  
00:38:27,250 --> 00:38:25,610  
got a little one up you probably can't

903  
00:38:29,350 --> 00:38:27,260  
talk to know you're really upset during

904  
00:38:32,410 --> 00:38:29,360  
that Sarah asked you yeah it's really

905  
00:38:33,640 --> 00:38:32,420  
upsetting and I think that um you know

906  
00:38:36,310 --> 00:38:33,650  
you just never get over the death of a

907  
00:38:37,840 --> 00:38:36,320  
child but it's a great legacy to to

908  
00:38:40,900 --> 00:38:37,850  
their little girl that they can do this

909  
00:38:43,420 --> 00:38:40,910  
and very powerful message I think of

910  
00:38:44,530 --> 00:38:43,430  
grief and loss and I do know that I've

911  
00:38:46,000 --> 00:38:44,540  
got a friend who's had a little girl

912  
00:38:48,970 --> 00:38:46,010  
that had whooping cough and she survived

913  
00:38:51,460 --> 00:38:48,980

but it was just horrific and you know I

914

00:38:53,410 --> 00:38:51,470

find it very upsetting and it goes back

915

00:38:55,870 --> 00:38:53,420

to what we were saying before you know

916

00:38:58,630 --> 00:38:55,880

we have scientists who believe in proof

917

00:39:00,280 --> 00:38:58,640

who test things to the enth degree that

918

00:39:01,480 --> 00:39:00,290

don't believe in coincidence or any of

919

00:39:02,920 --> 00:39:01,490

the other things we do and when they

920

00:39:04,630 --> 00:39:02,930

absolutely tell us something this is

921

00:39:07,710 --> 00:39:04,640

questioning of science in the medicine

922

00:39:09,760 --> 00:39:07,720

and this belief in things really that

923

00:39:11,109 --> 00:39:09,770

you know I don't mind people believe in

924

00:39:12,370 --> 00:39:11,119

things that aren't dangerous to other

925

00:39:14,620 --> 00:39:12,380

people like whatever floats your boat

926

00:39:16,330 --> 00:39:14,630

but when you're kind of advocating and

927

00:39:19,060 --> 00:39:16,340

spreading this information that goes

928

00:39:20,530 --> 00:39:19,070

against science that can kill people in

929

00:39:22,330 --> 00:39:20,540

the community and small babies it's just

930

00:39:24,580 --> 00:39:22,340

it's horrendous that you think there's a

931

00:39:27,250 --> 00:39:24,590

you know I had whooping cough as a child

932

00:39:30,700 --> 00:39:27,260

as well or not and I survived it my mum

933

00:39:33,490 --> 00:39:30,710

said it was just a nightmare but I think

934

00:39:35,020 --> 00:39:33,500

that you do here the case is old my

935

00:39:38,440 --> 00:39:35,030

child had whooping cough and survived

936

00:39:41,380 --> 00:39:38,450

and I think that the the notion that it

937

00:39:44,680 --> 00:39:41,390

is a fatal disease there is no cure for

938

00:39:46,000 --> 00:39:44,690

gets lost in thought it was so poignant

939

00:39:48,280 --> 00:39:46,010

where they talked about you get to

940

00:39:50,740 --> 00:39:48,290

hospital anything okay now she can be

941

00:39:52,690 --> 00:39:50,750

treated and to hear there is no

942

00:39:54,310 --> 00:39:52,700

treatment there is no cure antibiotics

943

00:39:56,080 --> 00:39:54,320

all it does is stop you from spreading

944

00:39:58,990 --> 00:39:56,090

it it doesn't actually help you fight it

945

00:40:00,550 --> 00:39:59,000

there that's why as Dave McCaffrey said

946

00:40:02,950 --> 00:40:00,560

that's why we have vaccinations for the

947

00:40:05,230 --> 00:40:02,960

diseases that you can't cure yeah that's

948

00:40:06,280 --> 00:40:05,240

right okay and we wouldn't be knowing

949

00:40:07,720 --> 00:40:06,290

this information we wouldn't be having

950

00:40:10,180 --> 00:40:07,730

this conversation if it wasn't for their

951  
00:40:13,060 --> 00:40:10,190  
courage my parents lost my sister when

952  
00:40:14,349 --> 00:40:13,070  
she was really young and so I know how

953  
00:40:16,300 --> 00:40:14,359  
difficult it is to people to speak out

954  
00:40:17,830 --> 00:40:16,310  
but having seen their courage I mean

955  
00:40:19,210 --> 00:40:17,840  
it's just extraordinary the only way we

956  
00:40:21,670 --> 00:40:19,220  
start this conversation is when people

957  
00:40:23,380 --> 00:40:21,680  
share powerful stories and they're sad

958  
00:40:25,720 --> 00:40:23,390  
stories but they're powerful because

959  
00:40:27,400 --> 00:40:25,730  
they make us question why people

960  
00:40:28,930 --> 00:40:27,410  
are likeable acting like this in the

961  
00:40:30,730 --> 00:40:28,940  
first place why people not getting their

962  
00:40:33,700 --> 00:40:30,740  
children vaccinated and that's the thing

963  
00:40:35,830 --> 00:40:33,710

it's this anti-establishment anti expert

964

00:40:37,480 --> 00:40:35,840

thing it's this trend that seems to be

965

00:40:38,590 --> 00:40:37,490

going on out there but I think it's

966

00:40:40,090 --> 00:40:38,600

actually a link to this other trend

967

00:40:42,160 --> 00:40:40,100

that's going on which is the trend

968

00:40:44,500 --> 00:40:42,170

towards the individual you know i can

969

00:40:45,970 --> 00:40:44,510

google whatever i want if you google

970

00:40:47,410 --> 00:40:45,980

something now on vaccinations sixty

971

00:40:49,330 --> 00:40:47,420

percent of what you find is just rubbish

972

00:40:50,710 --> 00:40:49,340

that sixty percent is wrong and this is

973

00:40:52,420 --> 00:40:50,720

because we all think they are with the

974

00:40:54,099 --> 00:40:52,430

power of the internet and this trend

975

00:40:56,530 --> 00:40:54,109

towards teaching people that you know

976

00:40:58,120 --> 00:40:56,540

its your right to decide well actually

977

00:40:59,500 --> 00:40:58,130

it's sometimes it shouldn't be sometimes

978

00:41:01,180 --> 00:40:59,510

actually yeah it's going to impact your

979

00:41:02,650 --> 00:41:01,190

own ice cream I think it's one thing

980

00:41:04,390 --> 00:41:02,660

defending someone's right to their own

981

00:41:06,940 --> 00:41:04,400

beliefs if it doesn't affect anyone as

982

00:41:08,980 --> 00:41:06,950

you say so but to me it's like defending

983

00:41:11,140 --> 00:41:08,990

someone's right to drink and drive stuff

984

00:41:14,400 --> 00:41:11,150

that if you if your decision or your

985

00:41:16,750 --> 00:41:14,410

belief has the impact to affect my child

986

00:41:19,210 --> 00:41:16,760

will then you know you do not have that

987

00:41:22,420 --> 00:41:19,220

the right to believe that but there's a

988

00:41:23,380 --> 00:41:22,430

visit nasty twist to this story and

989

00:41:25,990 --> 00:41:23,390

something that will make you pretty

990

00:41:27,910 --> 00:41:26,000

angry we've got an expert on set to

991

00:41:29,320 --> 00:41:27,920

discuss more of this story and more

992

00:41:40,130 --> 00:41:29,330

about the McCaffrey's after the break

993

00:41:45,480 --> 00:41:42,690

welcome back to the show we've been

994

00:41:47,010 --> 00:41:45,490

talking about vaccinations and we just

995

00:41:49,260 --> 00:41:47,020

saw an interview with the very brave

996

00:41:51,770 --> 00:41:49,270

McCaffrey family who tragically lost

997

00:41:54,240 --> 00:41:51,780

their daughter Dana at four weeks old

998

00:41:55,950 --> 00:41:54,250

because they didn't know that there was

999

00:41:58,290 --> 00:41:55,960

a lot of whooping cough in their area

1000

00:41:59,820 --> 00:41:58,300

we're joined at the table by dr. Rachel

1001  
00:42:02,370 --> 00:41:59,830  
Dunlop we're home Mia Thank You

1002  
00:42:03,810 --> 00:42:02,380  
scientist and researcher who wrote one

1003  
00:42:06,450 --> 00:42:03,820  
of the most popular posts we've ever had

1004  
00:42:08,430 --> 00:42:06,460  
at Memorial this week it's already been

1005  
00:42:11,430 --> 00:42:08,440  
shared I think three and a half thousand

1006  
00:42:14,580 --> 00:42:11,440  
time and then it is nine myths about

1007  
00:42:16,560 --> 00:42:14,590  
vaccinations yeah well I basically wrote

1008  
00:42:18,690 --> 00:42:16,570  
it because as McCaffrey's mentioned in

1009  
00:42:20,670 --> 00:42:18,700  
their story there's a lot of

1010  
00:42:22,800 --> 00:42:20,680  
misinformation out there and is very

1011  
00:42:25,200 --> 00:42:22,810  
hard to find correct and accurate

1012  
00:42:26,970 --> 00:42:25,210  
information and because we are in the

1013  
00:42:28,650 --> 00:42:26,980

grips of a whooping cough epidemic in

1014

00:42:31,260 --> 00:42:28,660

Australia we have been for about three

1015

00:42:33,780 --> 00:42:31,270

years now we've lost about four babies

1016

00:42:35,430 --> 00:42:33,790

already in fact there's a whooping cough

1017

00:42:36,780 --> 00:42:35,440

epidemic worldwide and we've seen the

1018

00:42:39,960 --> 00:42:36,790

resurgence of vaccine-preventable

1019

00:42:41,580 --> 00:42:39,970

diseases like measles like mumps things

1020

00:42:44,040 --> 00:42:41,590

that you wouldn't expect to see anymore

1021

00:42:46,920 --> 00:42:44,050

and indeed a few months ago a woman in

1022

00:42:48,780 --> 00:42:46,930

Queensland died from diphtheria a 22

1023

00:42:51,180 --> 00:42:48,790

year old now I mentioned that there was

1024

00:42:53,430 --> 00:42:51,190

a nasty disturbing twist to the tale of

1025

00:42:54,930 --> 00:42:53,440

the McCaffrey's and that is um that

1026  
00:42:56,760 --> 00:42:54,940  
after their daughter died and they

1027  
00:42:58,140 --> 00:42:56,770  
decided that they would speak out and

1028  
00:43:00,750 --> 00:42:58,150  
say she died of whooping cough please

1029  
00:43:01,980 --> 00:43:00,760  
get your your kids immunized and get

1030  
00:43:03,570 --> 00:43:01,990  
your boosters because that's something

1031  
00:43:05,430 --> 00:43:03,580  
that they also didn't know that immunity

1032  
00:43:09,750 --> 00:43:05,440  
wanes and that as adults you need

1033  
00:43:12,090 --> 00:43:09,760  
boosters to stay protected they became

1034  
00:43:15,510 --> 00:43:12,100  
the target of abuse and the

1035  
00:43:18,840 --> 00:43:15,520  
anti-vaccination network and people who

1036  
00:43:22,850 --> 00:43:18,850  
are anti-vaccination targeted them with

1037  
00:43:26,190 --> 00:43:22,860  
letters accuse them of being Liars and

1038  
00:43:28,410 --> 00:43:26,200

basically have had this persecution of

1039

00:43:31,170 --> 00:43:28,420

them there are people in Australia who

1040

00:43:34,080 --> 00:43:31,180

are rapidly against vaccination and why

1041

00:43:36,030 --> 00:43:34,090

are they well difficult what's their

1042

00:43:37,770 --> 00:43:36,040

motivation most I think most parents

1043

00:43:39,600 --> 00:43:37,780

start from a position where their child

1044

00:43:41,340 --> 00:43:39,610

has had a vaccination and then had some

1045

00:43:43,500 --> 00:43:41,350

sort of a side effect about side effect

1046

00:43:45,570 --> 00:43:43,510

now the issue with vaccinations is

1047

00:43:47,250 --> 00:43:45,580

there's a lot of temporal association

1048

00:43:49,380 --> 00:43:47,260

what does that mean well it means that

1049

00:43:51,630 --> 00:43:49,390

you can get a vaccination and then you

1050

00:43:52,849 --> 00:43:51,640

might your child might get sick now just

1051

00:43:54,440 --> 00:43:52,859

because that happen

1052

00:43:56,029 --> 00:43:54,450

at the same time as the vaccination

1053

00:43:57,589 --> 00:43:56,039

doesn't necessarily mean it what what

1054

00:43:59,450 --> 00:43:57,599

about I mean there are obviously cases

1055

00:44:01,130 --> 00:43:59,460

of vaccine reactions where you know that

1056

00:44:03,259 --> 00:44:01,140

they happen noses and as doctors and

1057

00:44:04,999 --> 00:44:03,269

scientists we we tracked those away and

1058

00:44:06,589 --> 00:44:05,009

obviously people might remember last

1059

00:44:08,900 --> 00:44:06,599

year there were a lot of reactions to

1060

00:44:10,400 --> 00:44:08,910

the flu vaccine particularly in Western

1061

00:44:11,839 --> 00:44:10,410

Australia and there was a thorough

1062

00:44:13,640 --> 00:44:11,849

investigation by the government and that

1063

00:44:16,130 --> 00:44:13,650

vaccine was immediately pulled from you

1064

00:44:18,170 --> 00:44:16,140

the most common misconception is the

1065

00:44:21,140 --> 00:44:18,180

idea of vaccine somehow been linked to

1066

00:44:23,390 --> 00:44:21,150

autism yeah and you mentioned that that

1067

00:44:25,220 --> 00:44:23,400

is unfortunately diagnosed around the

1068

00:44:26,989 --> 00:44:25,230

same time as children get the MMR and

1069

00:44:29,089 --> 00:44:26,999

that's the measles mumps rubella vaccine

1070

00:44:31,099 --> 00:44:29,099

that was originally started sort of by a

1071

00:44:33,170 --> 00:44:31,109

scientist and doctor in the UK called

1072

00:44:35,479 --> 00:44:33,180

Andrew Wakefield now he has subsequently

1073

00:44:37,279 --> 00:44:35,489

been struck off the medical register the

1074

00:44:39,920 --> 00:44:37,289

paper that he wrote which led to that

1075

00:44:42,019 --> 00:44:39,930

sort of belief has been struck from the

1076

00:44:43,789 --> 00:44:42,029

scientific literature and he was

1077

00:44:45,589 --> 00:44:43,799

completely damned for that work it

1078

00:44:47,829 --> 00:44:45,599

turned out in fact that he was not just

1079

00:44:49,670 --> 00:44:47,839

doing bad science it was fraudulent an

1080

00:44:52,099 --> 00:44:49,680

investigation showed that he actually

1081

00:44:54,109 --> 00:44:52,109

had so many conflicts of interest he was

1082

00:44:56,299 --> 00:44:54,119

actually getting paid by lawyers to

1083

00:44:58,819 --> 00:44:56,309

demonstrate that vaccines cause injury

1084

00:45:00,499 --> 00:44:58,829

in a case where these parents were going

1085

00:45:03,440 --> 00:45:00,509

to sue big pharmaceutical companies he

1086

00:45:05,390 --> 00:45:03,450

he got paid 450,000 pounds for that this

1087

00:45:08,059 --> 00:45:05,400

stuff happens it makes me extra angry

1088

00:45:10,430 --> 00:45:08,069

because it's people praying on that fear

1089

00:45:12,979 --> 00:45:10,440

that lost that insecurity people wanting

1090

00:45:14,749 --> 00:45:12,989

an answer I want an answer and it just

1091

00:45:15,739 --> 00:45:14,759

sort of that's what so you got a lot

1092

00:45:17,329 --> 00:45:15,749

that's particularly the thing about

1093

00:45:19,130 --> 00:45:17,339

autism too because you don't know what

1094

00:45:20,779 --> 00:45:19,140

causes autism and we don't have a cure

1095

00:45:22,549 --> 00:45:20,789

because these people it's a really scary

1096

00:45:23,900 --> 00:45:22,559

concept I don't have kids myself but you

1097

00:45:25,940 --> 00:45:23,910

guys would understand like if you take

1098

00:45:28,160 --> 00:45:25,950

your child to a doctor and you put it's

1099

00:45:30,140 --> 00:45:28,170

a medical procedure you don't want to

1100

00:45:32,450 --> 00:45:30,150

harm your child you don't want them to

1101

00:45:34,339 --> 00:45:32,460

get sick and the idea that if they do

1102

00:45:36,859 --> 00:45:34,349

get sick you've you've made that happen

1103

00:45:38,059 --> 00:45:36,869

you know if if they catch a disease in

1104

00:45:40,609 --> 00:45:38,069

the playground well that's not really

1105

00:45:43,489 --> 00:45:40,619

your fault but if you are the one that

1106

00:45:45,200 --> 00:45:43,499

caused that so I think those that you

1107

00:45:47,059 --> 00:45:45,210

know the guilt factor yeah and it's

1108

00:45:50,059 --> 00:45:47,069

scary and once you scare parents into

1109

00:45:51,769 --> 00:45:50,069

thinking that these things my cause it's

1110

00:45:53,059 --> 00:45:51,779

like ringing a bell Mia you can't unring

1111

00:45:54,890 --> 00:45:53,069

it isn't there more fear about

1112

00:45:57,229 --> 00:45:54,900

potentially them just being in a shop

1113

00:45:59,239 --> 00:45:57,239

like I was in a shop with my at the time

1114

00:46:01,190 --> 00:45:59,249

three-month-old baby and a woman was

1115

00:46:03,650 --> 00:46:01,200

pushing her pram with a little girl and

1116

00:46:05,239 --> 00:46:03,660

it was maybe two or three coughing and I

1117

00:46:06,289 --> 00:46:05,249

was kind of I said I'll sorry she's got

1118

00:46:10,640 --> 00:46:06,299

whooping cough

1119

00:46:13,130 --> 00:46:10,650

and she yeah and I think like I could

1120

00:46:14,390 --> 00:46:13,140

not get my daughter away fast enough and

1121

00:46:15,949 --> 00:46:14,400

I just thought that is just so

1122

00:46:17,870 --> 00:46:15,959

irresponsible all I say it's not an

1123

00:46:19,759 --> 00:46:17,880

argument it's not a debate it's not a

1124

00:46:22,539 --> 00:46:19,769

debate autism is not caused by

1125

00:46:25,759 --> 00:46:22,549

vaccination and to say otherwise is

1126

00:46:29,539 --> 00:46:25,769

illogical it's also not stupid it is

1127

00:46:31,400 --> 00:46:29,549

stupid and it runs down the medical

1128

00:46:32,870 --> 00:46:31,410

profession and that the thousands of

1129

00:46:35,390 --> 00:46:32,880

professionals who've dedicated their

1130

00:46:37,999 --> 00:46:35,400

lives to vaccines and to studying these

1131

00:46:40,729 --> 00:46:38,009

diseases what is it about people who

1132

00:46:42,979 --> 00:46:40,739

then go our I just don't believe it it's

1133

00:46:44,269 --> 00:46:42,989

a conspiracy it was happening on so many

1134

00:46:46,459 --> 00:46:44,279

things is happening on climate change

1135

00:46:48,949 --> 00:46:46,469

you know it's a conspiracy it's not real

1136

00:46:50,329 --> 00:46:48,959

it's you know this the one about HIV

1137

00:46:52,339 --> 00:46:50,339

doesn't cause I don't at a whole range

1138

00:46:54,410 --> 00:46:52,349

of others and yeah it does quite a few

1139

00:46:56,599 --> 00:46:54,420

of them at the man we've got to go back

1140

00:46:57,919 --> 00:46:56,609

to talking about responsibility one of

1141

00:46:59,479 --> 00:46:57,929

the values that we've got to be teaching

1142

00:47:00,890 --> 00:46:59,489

our young people as they grow up is

1143

00:47:02,900 --> 00:47:00,900

actually we have a responsibility for

1144

00:47:05,419 --> 00:47:02,910

each other not just for ourselves become

1145

00:47:07,039 --> 00:47:05,429

so focused on our right to choose and

1146

00:47:08,239 --> 00:47:07,049

we've been talking about that across the

1147

00:47:10,160 --> 00:47:08,249

show here but here my right to choose

1148

00:47:11,209 --> 00:47:10,170

not to vaccinate well actually you know

1149

00:47:13,279 --> 00:47:11,219

what that's going to have any hiding

1150

00:47:15,349 --> 00:47:13,289

somewhere right but I called the astray

1151  
00:47:17,630 --> 00:47:15,359  
and vaccination network which isn't

1152  
00:47:19,429 --> 00:47:17,640  
incredibly misleading because if you're

1153  
00:47:21,049 --> 00:47:19,439  
on a website if you don't believe in

1154  
00:47:22,849 --> 00:47:21,059  
vaccination is then truly a website the

1155  
00:47:24,559 --> 00:47:22,859  
anti-vaccination network don't call it

1156  
00:47:25,719 --> 00:47:24,569  
the Australian vaccination network and

1157  
00:47:28,130 --> 00:47:25,729  
then have a whole lot of misinformation

1158  
00:47:29,449 --> 00:47:28,140  
which is what's happening isn't it avian

1159  
00:47:30,859 --> 00:47:29,459  
is there no and they do have a website

1160  
00:47:33,079 --> 00:47:30,869  
that's very schmick it looks very

1161  
00:47:34,939 --> 00:47:33,089  
professional as a parent and not of

1162  
00:47:37,880 --> 00:47:34,949  
stroke balance doesn't that it does um

1163  
00:47:39,650 --> 00:47:37,890

being read it and it's misleading

1164

00:47:41,239 --> 00:47:39,660

because in fact there were two

1165

00:47:43,160 --> 00:47:41,249

complaints made about the information on

1166

00:47:44,419 --> 00:47:43,170

that website last year and the health

1167

00:47:46,880 --> 00:47:44,429

care Complaints Commission in New South

1168

00:47:48,140 --> 00:47:46,890

Wales did a 12 month investigation and

1169

00:47:49,789 --> 00:47:48,150

when they came out at the end they deem

1170

00:47:52,099 --> 00:47:49,799

that their information was misleading

1171

00:47:53,719 --> 00:47:52,109

that this organization cherry-picked

1172

00:47:55,339 --> 00:47:53,729

scientific literature to make it sound

1173

00:47:58,279 --> 00:47:55,349

legit emit and all of their information

1174

00:48:00,049 --> 00:47:58,289

is anti-vaccination it's not anything

1175

00:48:02,299 --> 00:48:00,059

useful and that parents should seek a

1176

00:48:04,400 --> 00:48:02,309

registered health practitioner now in

1177

00:48:05,929 --> 00:48:04,410

fact they refuse to put a disclaimer on

1178

00:48:07,370 --> 00:48:05,939

their website saying that because

1179

00:48:09,559 --> 00:48:07,380

clearly they don't want parents to know

1180

00:48:11,329 --> 00:48:09,569

they're against vaccination is why would

1181

00:48:12,859 --> 00:48:11,339

you listen to them so as a result of

1182

00:48:14,509 --> 00:48:12,869

that they also lost their charity

1183

00:48:15,890 --> 00:48:14,519

license so they were a charity which

1184

00:48:17,599 --> 00:48:15,900

means you know the ferret because they

1185

00:48:19,370 --> 00:48:17,609

solicit for donation

1186

00:48:21,589 --> 00:48:19,380

so they make money out of out of what

1187

00:48:23,630 --> 00:48:21,599

they do yeah and but to me I can't

1188

00:48:25,279 --> 00:48:23,640

understand how an organization like that

1189

00:48:27,620 --> 00:48:25,289

got a charity status to be completely

1190

00:48:29,539 --> 00:48:27,630

because I don't know how you could say

1191

00:48:31,579 --> 00:48:29,549

discouraging parents from vaccinating is

1192

00:48:33,799 --> 00:48:31,589

a charitable activity the head of that

1193

00:48:35,239 --> 00:48:33,809

organization said that with whooping

1194

00:48:37,009 --> 00:48:35,249

cough you didn't die from it 30 years

1195

00:48:38,839 --> 00:48:37,019

ago and you don't die from it now but

1196

00:48:41,299 --> 00:48:38,849

this is rubbish like what did she

1197

00:48:44,089 --> 00:48:41,309

possibly die from then well she's this

1198

00:48:46,729 --> 00:48:44,099

is very much typing and and indeed the

1199

00:48:49,640 --> 00:48:46,739

head of the avn rang the Department of

1200

00:48:53,150 --> 00:48:49,650

Public Health in New South Wales to ask

1201  
00:48:56,390 --> 00:48:53,160  
for that information personally moments

1202  
00:48:58,519 --> 00:48:56,400  
so I know it's yes not only they lost

1203  
00:49:00,440 --> 00:48:58,529  
their baby but they've had to defend

1204  
00:49:02,450 --> 00:49:00,450  
themselves when all they're trying to do

1205  
00:49:05,299 --> 00:49:02,460  
they're saying seek reputable

1206  
00:49:07,489 --> 00:49:05,309  
information because in their area back

1207  
00:49:10,130 --> 00:49:07,499  
then there was no information she said

1208  
00:49:11,870 --> 00:49:10,140  
we were in the highest risk the area in

1209  
00:49:13,579 --> 00:49:11,880  
Australia with the highest incidence of

1210  
00:49:15,470 --> 00:49:13,589  
whooping cough and there was no

1211  
00:49:17,509 --> 00:49:15,480  
pamphlets she told me this heartbreaking

1212  
00:49:19,039 --> 00:49:17,519  
story of going home and looking through

1213  
00:49:20,690 --> 00:49:19,049

the bounty bag that you get when you're

1214

00:49:22,099 --> 00:49:20,700

left hospital she said there must have

1215

00:49:24,229 --> 00:49:22,109

been a pamphlet I must have missed

1216

00:49:26,210 --> 00:49:24,239

something it must have been my fault and

1217

00:49:27,739 --> 00:49:26,220

she said you know you heard all those

1218

00:49:29,420 --> 00:49:27,749

babies in that area had been airlifted

1219

00:49:31,609 --> 00:49:29,430

and there was no public health warning

1220

00:49:34,579 --> 00:49:31,619

they weren't advised to keep their their

1221

00:49:37,190 --> 00:49:34,589

children inside and her husband works at

1222

00:49:39,859 --> 00:49:37,200

a primary school as well and they've

1223

00:49:42,049 --> 00:49:39,869

gone on to have a little girl called

1224

00:49:43,460 --> 00:49:42,059

Sarah who's eight months old who I met

1225

00:49:47,089 --> 00:49:43,470

yesterday as well who's just beautiful

1226

00:49:50,089 --> 00:49:47,099

and when she was born there were 50 kids

1227

00:49:51,920 --> 00:49:50,099

at his school who had whooping cough and

1228

00:49:54,970 --> 00:49:51,930

he took six months off so that they

1229

00:49:56,900 --> 00:49:54,980

absolutely just lived in another common

1230

00:49:59,180 --> 00:49:56,910

question that I've heard about

1231

00:50:00,559 --> 00:49:59,190

vaccinations is why they all bundle

1232

00:50:03,229 --> 00:50:00,569

together there's been studies done

1233

00:50:05,569 --> 00:50:03,239

looking at whether it's beneficial to

1234

00:50:07,009 --> 00:50:05,579

separate them or not and in fact there

1235

00:50:08,299 --> 00:50:07,019

was a study done in a thousand kids

1236

00:50:11,359 --> 00:50:08,309

which was published in the journal

1237

00:50:13,970 --> 00:50:11,369

Pediatrics I think last year and they

1238

00:50:16,339 --> 00:50:13,980

followed kids after a year after they'd

1239

00:50:17,390 --> 00:50:16,349

had their vaccinations and then that

1240

00:50:19,130 --> 00:50:17,400

when there were seven or when they were

1241

00:50:20,960 --> 00:50:19,140

10 and the kids that had their

1242

00:50:22,430 --> 00:50:20,970

vaccinations on schedule according to

1243

00:50:24,109 --> 00:50:22,440

the schedule performed better in

1244

00:50:26,420 --> 00:50:24,119

neurological tests and the kids who'd

1245

00:50:28,249 --> 00:50:26,430

missed them or had none at all so the

1246

00:50:30,019 --> 00:50:28,259

you see there's so many times in

1247

00:50:31,430 --> 00:50:30,029

scientific studies the only thing you'll

1248

00:50:33,890 --> 00:50:31,440

find that's different between back

1249

00:50:35,750 --> 00:50:33,900

kids are unvaccinated kids is the

1250

00:50:37,579 --> 00:50:35,760

unvaccinated kids get communicable

1251  
00:50:39,680 --> 00:50:37,589  
diseases they get whooping cough they

1252  
00:50:41,510 --> 00:50:39,690  
get pertussis they get the flu that's

1253  
00:50:43,309 --> 00:50:41,520  
the only difference there's never been

1254  
00:50:44,720 --> 00:50:43,319  
any evidence to show that vaccinated

1255  
00:50:48,559 --> 00:50:44,730  
kids are more susceptible to arthritis

1256  
00:50:50,240 --> 00:50:48,569  
or to XML or any sort of allergies so

1257  
00:50:52,700 --> 00:50:50,250  
this idea that a vaccination gives you

1258  
00:50:54,950 --> 00:50:52,710  
the disease is incorrect absolutely

1259  
00:50:56,300 --> 00:50:54,960  
another is absolutely I mean people do

1260  
00:50:58,579 --> 00:50:56,310  
sort of mention is particularly with the

1261  
00:51:00,200 --> 00:50:58,589  
flu vaccine as kids do get a reaction

1262  
00:51:02,240 --> 00:51:00,210  
they get a little lump on their leg or

1263  
00:51:03,920 --> 00:51:02,250

they're a bit of a favor sometime don't

1264

00:51:06,410 --> 00:51:03,930

forget a dead virus so you build the

1265

00:51:08,089 --> 00:51:06,420

antibodies well the whole point of it

1266

00:51:09,680 --> 00:51:08,099

like you will get a reaction and that's

1267

00:51:11,359 --> 00:51:09,690

a good thing because it means that your

1268

00:51:13,280 --> 00:51:11,369

immune system is responding because

1269

00:51:15,290 --> 00:51:13,290

basically what's in a vaccine is a small

1270

00:51:18,140 --> 00:51:15,300

part or either the dead the dead virus

1271

00:51:20,450 --> 00:51:18,150

with bacteria so it's inactivated which

1272

00:51:23,630 --> 00:51:20,460

means you can't get the disease and then

1273

00:51:25,730 --> 00:51:23,640

your immune system responds by making

1274

00:51:27,140 --> 00:51:25,740

antibodies so you will get a similar

1275

00:51:29,000 --> 00:51:27,150

sort of effect to what you might get

1276

00:51:31,309 --> 00:51:29,010

with the full disease but much less

1277

00:51:33,440 --> 00:51:31,319

serious and so what that means is your

1278

00:51:34,790 --> 00:51:33,450

body is primed then with antibodies and

1279

00:51:36,740 --> 00:51:34,800

next time you come across that disease

1280

00:51:39,140 --> 00:51:36,750

in the environment you're ready to fight

1281

00:51:41,120 --> 00:51:39,150

it straight away so that's another myth

1282

00:51:42,620 --> 00:51:41,130

that some people talk about to as well

1283

00:51:44,089 --> 00:51:42,630

make my child got vaccinated for

1284

00:51:45,710 --> 00:51:44,099

whooping cough but they still got who me

1285

00:51:47,599 --> 00:51:45,720

a half they got much more and I'm but

1286

00:51:49,910 --> 00:51:47,609

yeah one in two hundred babies that

1287

00:51:51,940 --> 00:51:49,920

haven't had a vaccine will die anyone

1288

00:51:55,790 --> 00:51:51,950

who's not vaccinated for whooping cough

1289

00:51:57,079 --> 00:51:55,800

will get much more severe case so I like

1290

00:51:59,059 --> 00:51:57,089

to sort of describe it as it's not a

1291

00:52:00,859 --> 00:51:59,069

force field a vaccination is not a force

1292

00:52:03,849 --> 00:52:00,869

field my son was vaccinated and he got

1293

00:52:06,620 --> 00:52:03,859

my eldest son and he got whooping cough

1294

00:52:09,500 --> 00:52:06,630

last year when he was 13 so the fact

1295

00:52:10,760 --> 00:52:09,510

that the vaccination wears off doesn't

1296

00:52:12,380 --> 00:52:10,770

mean you shouldn't get it it just means

1297

00:52:14,300 --> 00:52:12,390

that you should get a boost exactly

1298

00:52:16,220 --> 00:52:14,310

booster that yeah as i don'ts we're all

1299

00:52:17,690 --> 00:52:16,230

supposed we should know only about ten

1300

00:52:20,780 --> 00:52:17,700

percent of us are actually still immune

1301  
00:52:22,339 --> 00:52:20,790  
to hope incredible yeah spreading it to

1302  
00:52:24,109 --> 00:52:22,349  
kids yet my brother had a little baby

1303  
00:52:26,059 --> 00:52:24,119  
and he was like you all need to get

1304  
00:52:27,859 --> 00:52:26,069  
absolutely because there is an epidemic

1305  
00:52:29,480 --> 00:52:27,869  
some states of Australia they are

1306  
00:52:31,280 --> 00:52:29,490  
offering free boosters to Kara's

1307  
00:52:33,530 --> 00:52:31,290  
grandparents healthcare professionals in

1308  
00:52:36,079 --> 00:52:33,540  
Victoria at least it's free until June

1309  
00:52:37,670 --> 00:52:36,089  
2012 but i'm not sure about other states

1310  
00:52:39,650 --> 00:52:37,680  
anymore because they did it for a while

1311  
00:52:40,849 --> 00:52:39,660  
and then they sort of stopped and this

1312  
00:52:42,559 --> 00:52:40,859  
is something that mcaffrey's have been

1313  
00:52:44,690 --> 00:52:42,569

saying for a long time is they've been

1314

00:52:45,450 --> 00:52:44,700

talking to government health ministers

1315

00:52:48,660 --> 00:52:45,460

and saying

1316

00:52:50,880 --> 00:52:48,670

guys like wake up give us a campaign of

1317

00:52:53,940 --> 00:52:50,890

awareness and everyone who's susceptible

1318

00:52:55,829 --> 00:52:53,950

and exposed you know near kids should

1319

00:52:57,450 --> 00:52:55,839

have a boost unfortunately that's all

1320

00:53:00,329 --> 00:52:57,460

we've got time for I would encourage you

1321

00:53:01,950 --> 00:53:00,339

to go and look at rachels post and share

1322

00:53:04,770 --> 00:53:01,960

it you can find it on the homepage at

1323

00:53:06,780 --> 00:53:04,780

mamma mia com dot are you nine myths

1324

00:53:09,300 --> 00:53:06,790

about vaccination please share it with

1325

00:53:13,770 --> 00:53:09,310

everybody you know um thank you so much

1326  
00:53:21,440 --> 00:53:13,780  
to my guests bronwyn Sam Simon and of

1327  
00:53:25,680 --> 00:53:23,609  
I've actually had a loose have already

1328  
00:53:31,050 --> 00:53:25,690  
broken singer dr phoenix week have a

1329  
00:53:33,240 --> 00:53:31,060  
great one dr. rachel Dunlop is one of

1330  
00:53:35,400 --> 00:53:33,250  
Australia's foremost media commentators

1331  
00:53:38,040 --> 00:53:35,410  
in matters concerning so-called

1332  
00:53:40,560 --> 00:53:38,050  
alternative medicine she has appeared on

1333  
00:53:43,500 --> 00:53:40,570  
national radio and national television

1334  
00:53:48,089 --> 00:53:43,510  
dr. H E is available for interviews and

1335  
00:53:58,560 --> 00:53:48,099  
you can contact her at Rachel at skeptic

1336  
00:54:03,670 --> 00:54:01,870  
have you heard about QED the exciting

1337  
00:54:07,030 --> 00:54:03,680  
skeptical conference 10th 11th of March

1338  
00:54:09,340 --> 00:54:07,040

2012 quite exciting days you're probably

1339

00:54:11,530 --> 00:54:09,350

wondering why should i go to QED while

1340

00:54:13,330 --> 00:54:11,540

the existential dilemma will have the

1341

00:54:14,980 --> 00:54:13,340

investigator and legend joe nickell

1342

00:54:17,350 --> 00:54:14,990

quite extraordinary detective

1343

00:54:19,690 --> 00:54:17,360

alternative medicine expert absorb ernst

1344

00:54:21,760 --> 00:54:19,700

quacks in Deward difficulties monsters

1345

00:54:24,730 --> 00:54:21,770

werewolves and lucid dreaming from debra

1346

00:54:27,820 --> 00:54:24,740

hi working theory demons Massimo

1347

00:54:29,950 --> 00:54:27,830

polidoro head of the intelligence questo

1348

00:54:32,260 --> 00:54:29,960

a garage auditory David a ran a

1349

00:54:34,870 --> 00:54:32,270

and conspiracy theory white evita books

1350

00:54:37,150 --> 00:54:34,880

secular campaign of Miriam namazi well

1351  
00:54:38,620 --> 00:54:37,160  
equality detractors Sarah angliss will

1352  
00:54:41,070 --> 00:54:38,630  
shows how to play the Federman with

1353  
00:54:43,120 --> 00:54:41,080  
robots withering electronic devices

1354  
00:54:45,010 --> 00:54:43,130  
ufologist Ian ridpath with

1355  
00:54:46,990 --> 00:54:45,020  
extraterrestrial details the professor

1356  
00:54:48,760 --> 00:54:47,000  
steve jones and why creationism is not

1357  
00:54:50,470 --> 00:54:48,770  
some quiet and evolution deniers odd

1358  
00:54:52,930 --> 00:54:50,480  
caster and spoon bender Richard Saunders

1359  
00:54:54,610 --> 00:54:52,940  
questions ESP demonstrations there are

1360  
00:54:56,920 --> 00:54:54,620  
filia Benson Queen existentialist

1361  
00:54:58,660 --> 00:54:56,930  
debater and we'll have comedy from Robin

1362  
00:55:01,060 --> 00:54:58,670  
Ince and gas quality entertainment

1363  
00:55:02,860 --> 00:55:01,070

definitely tickets her 89 pounds in

1364

00:55:05,050 --> 00:55:02,870

there going fast so hurry queue

1365

00:55:08,410 --> 00:55:05,060

everybody directly would you cut that

1366

00:55:12,310 --> 00:55:08,420

out you can get your ticket from QED

1367

00:55:14,140 --> 00:55:12,320

calm dot org court event dome in marsh

1368

00:55:16,690 --> 00:55:14,150

seriously if you don't stop bang enough

1369

00:55:34,229 --> 00:55:16,700

to hurt quickly end discussion cogs QED

1370

00:55:40,900 --> 00:55:36,670

thank you for listening to the skeptic

1371

00:55:43,450 --> 00:55:40,910

zone now now over the coming few weeks I

1372

00:55:47,019 --> 00:55:43,460

will be are producing the skeptic zone

1373

00:55:49,839 --> 00:55:47,029

from the united states i'm off to sunny

1374

00:55:51,930 --> 00:55:49,849

San Francisco for a few days followed by

1375

00:55:55,359 --> 00:55:51,940

a trip to New Orleans where I'll be

1376

00:55:57,430 --> 00:55:55,369

attending the psych on the committee for

1377

00:56:00,069 --> 00:55:57,440

skeptical inquiry convention that should

1378

00:56:02,200 --> 00:56:00,079

be very exciting and I'm sure to grab

1379

00:56:04,329 --> 00:56:02,210

some great interviews and insights from

1380

00:56:07,120 --> 00:56:04,339

very famous skeptics of that convention

1381

00:56:08,759 --> 00:56:07,130

and after that I'm heading to spend a

1382

00:56:13,450 --> 00:56:08,769

little bit of time with my good buddy

1383

00:56:16,469 --> 00:56:13,460

brian dunning from skip doy com where

1384

00:56:19,180 --> 00:56:16,479

he's promised to take me to death valley

1385

00:56:21,009 --> 00:56:19,190

he hasn't promised to take me back from

1386

00:56:24,579 --> 00:56:21,019

death valley but I'm sure will we'll

1387

00:56:27,249 --> 00:56:24,589

work something out now if I survive if I

1388

00:56:30,099 --> 00:56:27,259

knew survivor a trip to death valley

1389

00:56:34,329 --> 00:56:30,109

with brian dunning i will be speaking at

1390

00:56:37,209 --> 00:56:34,339

in the OC science & suds which called

1391

00:56:41,440 --> 00:56:37,219

science & suds on saturday the fifth of

1392

00:56:44,739 --> 00:56:41,450

november at seven p.m. at the UC eyes

1393

00:56:46,299 --> 00:56:44,749

and hill pub and grill in the student

1394

00:56:51,599 --> 00:56:46,309

center i'm reading this off a website

1395

00:56:55,029 --> 00:56:51,609

folks for 200 campus drive irvine

1396

00:56:56,709 --> 00:56:55,039

california click here for the map or you

1397

00:56:58,739 --> 00:56:56,719

have to go to the website and click here

1398

00:57:01,120 --> 00:56:58,749

for the map yes i'll be giving a talk I

1399

00:57:02,829 --> 00:57:01,130

can't wait to be there I can't wait to

1400

00:57:04,539 --> 00:57:02,839

meet you if you can come along to that

1401  
00:57:06,849 --> 00:57:04,549  
event and the best way to find out more

1402  
00:57:10,239 --> 00:57:06,859  
it's on meetup the greater la skeptics

1403  
00:57:13,029 --> 00:57:10,249  
meetup group or you can google that or

1404  
00:57:15,729 --> 00:57:13,039  
Google Richard Saunders science & suds

1405  
00:57:18,039 --> 00:57:15,739  
or Richard Saunders OC public something

1406  
00:57:20,709 --> 00:57:18,049  
like that'll get you there so if you're

1407  
00:57:22,989 --> 00:57:20,719  
in that neck of the woods are and you're

1408  
00:57:25,930 --> 00:57:22,999  
free on Saturday the fifth of November I

1409  
00:57:29,799 --> 00:57:25,940  
hope I can meet you there so until next

1410  
00:57:32,380 --> 00:57:29,809  
week from from my travels this is

1411  
00:57:36,940 --> 00:57:32,390  
Richard Saunders signing off from Sydney

1412  
00:57:44,359 --> 00:57:39,349  
you've been listening to the skeptic

1413  
00:57:48,140 --> 00:57:44,369

zone visit our website at [www.skeptics](http://www.skeptics)