

1  
00:00:00,000 --> 00:00:09,089  
[Music]

2  
00:00:05,929 --> 00:00:11,849  
welcome to the skeptic zone the podcast

3  
00:00:09,089 --> 00:00:13,919  
from Australia for science and reason

4  
00:00:11,849 --> 00:00:16,969  
[Music]

5  
00:00:13,919 --> 00:00:16,969  
[Applause]

6  
00:00:17,120 --> 00:00:24,750  
[Music]

7  
00:00:22,070 --> 00:00:29,339  
yes it's the skeptic zone podcast

8  
00:00:24,750 --> 00:00:30,750  
episode number 510 for the 29th of July

9  
00:00:29,339 --> 00:00:32,219  
2018

10  
00:00:30,750 --> 00:00:35,039  
Richard Seoul is here with you from

11  
00:00:32,219 --> 00:00:36,659  
Sydney Australia up nice and early nice

12  
00:00:35,039 --> 00:00:38,460  
and early to record the skeptic zone

13  
00:00:36,659 --> 00:00:40,289  
it's good to be up nice and early

14  
00:00:38,460 --> 00:00:44,189  
because it's before the flight path

15  
00:00:40,289 --> 00:00:47,189  
opens in about an hour I'm gonna get 83

16  
00:00:44,189 --> 00:00:49,378  
80s and all sorts of planes flying over

17  
00:00:47,189 --> 00:00:51,988  
the house but for now peace and quiet

18  
00:00:49,378 --> 00:00:56,908  
and 24 hours ago I was up nice and early

19  
00:00:51,988 --> 00:01:00,929  
to watch the Blood Moon it was a

20  
00:00:56,908 --> 00:01:02,429  
spectacular sight with the Mars not too

21  
00:01:00,929 --> 00:01:04,760  
far away I know many listeners around

22  
00:01:02,429 --> 00:01:09,629  
the world would have seen this event and

23  
00:01:04,760 --> 00:01:12,228  
it was just just beautiful I don't think

24  
00:01:09,629 --> 00:01:14,429  
it compares quite to a solar eclipse the

25  
00:01:12,228 --> 00:01:16,829  
the lunar eclipse but nevertheless

26  
00:01:14,430 --> 00:01:18,930  
coming up on this week's show what an

27  
00:01:16,829 --> 00:01:20,789  
interesting story we have for you and I

28  
00:01:18,930 --> 00:01:24,660  
know some of you have been following

29

00:01:20,790 --> 00:01:26,750  
this it's about a poster a pro

30  
00:01:24,659 --> 00:01:29,599  
vaccination poster created by the

31  
00:01:26,750 --> 00:01:33,150  
Northern Rivers vaccination supporters

32  
00:01:29,599 --> 00:01:35,939  
has gone viral being tweeted and

33  
00:01:33,150 --> 00:01:36,770  
facebooked and whatever else you can

34  
00:01:35,939 --> 00:01:39,209  
imagine

35  
00:01:36,769 --> 00:01:41,009  
we're going to be having a report by our

36  
00:01:39,209 --> 00:01:42,989  
very own heidi roberts and the raw

37  
00:01:41,010 --> 00:01:46,560  
skeptic who's going to tell us all about

38  
00:01:42,989 --> 00:01:50,039  
how this poster has infiltrated the

39  
00:01:46,560 --> 00:01:53,430  
internet and undoubtedly it's getting up

40  
00:01:50,040 --> 00:01:55,680  
the nose of the anti vaccination crowd

41  
00:01:53,430 --> 00:01:57,810  
and we'll be hearing a bit of news about

42  
00:01:55,680 --> 00:02:00,270  
the anti vaccination crowd they've

43  
00:01:57,810 --> 00:02:02,460

changed their name in here in australia

44

00:02:00,269 --> 00:02:04,170

again now they're called the Australian

45

00:02:02,459 --> 00:02:07,019

vaccination Network that's their core

46

00:02:04,170 --> 00:02:10,459

name and some years back they were

47

00:02:07,019 --> 00:02:13,709

forced to change it to the Australian

48

00:02:10,459 --> 00:02:15,420

vaccination skeptics Network I think to

49

00:02:13,709 --> 00:02:17,729

get up the nose of skeptics but there

50

00:02:15,419 --> 00:02:19,949

you go but they've changed their name

51

00:02:17,729 --> 00:02:22,500

yet again apparently some of their

52

00:02:19,949 --> 00:02:24,929

people weren't happy with the use of the

53

00:02:22,500 --> 00:02:27,408

word skeptics there you go have they

54

00:02:24,930 --> 00:02:29,689

changed their name to the Australian

55

00:02:27,408 --> 00:02:31,409

conspiracy Network

56

00:02:29,689 --> 00:02:34,240

[Laughter]

57

00:02:31,409 --> 00:02:36,340

now find out what they have changed

58  
00:02:34,240 --> 00:02:38,409  
their name to a bit later on in the show

59  
00:02:36,340 --> 00:02:40,240  
and coupled with that we'll be bringing

60  
00:02:38,409 --> 00:02:43,990  
you some news about a new movie coming

61  
00:02:40,240 --> 00:02:45,969  
to Australia this anti facts crowd are

62  
00:02:43,990 --> 00:02:49,710  
supporting it's called sacrificial

63  
00:02:45,969 --> 00:02:54,150  
virgins it's about the Gardasil vaccine

64  
00:02:49,710 --> 00:02:56,349  
which has been a staggering success

65  
00:02:54,150 --> 00:02:59,230  
absolutely mind-blowing how good this

66  
00:02:56,349 --> 00:03:02,560  
vaccine is in preventing cervical cancer

67  
00:02:59,229 --> 00:03:05,079  
but the anti-vaxxers wanted to have it

68  
00:03:02,560 --> 00:03:07,750  
stopped anyway use about that coming up

69  
00:03:05,080 --> 00:03:09,610  
a bit later on also in this episode our

70  
00:03:07,750 --> 00:03:12,400  
guest reporter from time to time trish

71  
00:03:09,610 --> 00:03:15,510  
han who will be talking about why you

72  
00:03:12,400 --> 00:03:18,360  
should be skeptical about certain apps

73  
00:03:15,509 --> 00:03:21,939  
designed to help you with contraception

74  
00:03:18,360 --> 00:03:23,410  
and timing and things like that when is

75  
00:03:21,939 --> 00:03:25,689  
a good time well it's always a good time

76  
00:03:23,409 --> 00:03:29,349  
to listen to Trish Han our guest

77  
00:03:25,689 --> 00:03:31,659  
reporter on today's skeptic zone and we

78  
00:03:29,349 --> 00:03:33,789  
catch up with Beth Darlington one of the

79  
00:03:31,659 --> 00:03:35,650  
speakers of the upcoming skeptic on here

80  
00:03:33,789 --> 00:03:39,459  
in Sydney on the 13th and the 14th of

81  
00:03:35,650 --> 00:03:41,439  
October and Beth has been into ghostie

82  
00:03:39,460 --> 00:03:43,570  
research and paranormal research for

83  
00:03:41,439 --> 00:03:45,550  
quite a long time and she'll be joining

84  
00:03:43,569 --> 00:03:48,400  
me on a panel with Sam hutchinson sue

85  
00:03:45,550 --> 00:03:50,770  
Blackmore and Kari poppy from the Oh No

86

00:03:48,400 --> 00:03:53,080  
Ross and Carrie podcast lots of people a

87  
00:03:50,770 --> 00:03:54,730  
big lineup for this year's skeptic on

88  
00:03:53,080 --> 00:03:56,620  
more news about that at the end of the

89  
00:03:54,729 --> 00:03:59,139  
show now here's a follow up to last

90  
00:03:56,620 --> 00:04:02,170  
week's show where I was telling you

91  
00:03:59,139 --> 00:04:04,239  
about two things a poster doing the

92  
00:04:02,169 --> 00:04:09,039  
rounds of my area of Sydney the you know

93  
00:04:04,240 --> 00:04:11,050  
West warning of geoengineering it was a

94  
00:04:09,039 --> 00:04:13,840  
large poster plastered up around all

95  
00:04:11,050 --> 00:04:16,180  
things like underpasses and things like

96  
00:04:13,840 --> 00:04:18,340  
that I took a photograph of it and

97  
00:04:16,180 --> 00:04:21,310  
reported about it and when I went back

98  
00:04:18,339 --> 00:04:23,229  
to have another look that all gone and I

99  
00:04:21,310 --> 00:04:26,920  
had another look at another location and

100  
00:04:23,230 --> 00:04:29,590

there was some left plastered over paid

101

00:04:26,920 --> 00:04:32,080

advertising space for iTunes I think in

102

00:04:29,589 --> 00:04:34,899

this case I noticed one of the the

103

00:04:32,079 --> 00:04:37,269

posters was starting to peel off anyway

104

00:04:34,899 --> 00:04:39,870

so I thought well why not I took the

105

00:04:37,269 --> 00:04:42,099

opportunity and scored the poster I

106

00:04:39,870 --> 00:04:43,528

noticed the next day that all gone again

107

00:04:42,100 --> 00:04:45,929

an apple

108

00:04:43,528 --> 00:04:47,278

by well app well the people responsible

109

00:04:45,928 --> 00:04:50,488

for the advertising and come by and

110

00:04:47,278 --> 00:04:51,778

remove them all or place new advertising

111

00:04:50,488 --> 00:04:53,578

on top of them so they're all gone

112

00:04:51,778 --> 00:04:55,558

anyway but in the meantime I managed to

113

00:04:53,579 --> 00:04:58,709

get one I've got it right here in the

114

00:04:55,559 --> 00:05:01,069

studio and it's really big in fact I'm

115  
00:04:58,709 --> 00:05:04,348  
gonna have to buy a frame for it

116  
00:05:01,069 --> 00:05:05,759  
something like 90 centimeters tall by 60

117  
00:05:04,348 --> 00:05:08,098  
wide something like that quite a big

118  
00:05:05,759 --> 00:05:09,689  
poster anyway it's gonna make an

119  
00:05:08,098 --> 00:05:12,118  
interesting addition to the skeptic zone

120  
00:05:09,689 --> 00:05:14,759  
studio and the other thing I mentioned

121  
00:05:12,119 --> 00:05:18,539  
last week in the similar sort of mmm

122  
00:05:14,759 --> 00:05:20,399  
doom and gloom vein was a fly that had

123  
00:05:18,538 --> 00:05:23,579  
ended up in some letter boxes warning of

124  
00:05:20,399 --> 00:05:25,528  
a tsunami they hit Sydney on the 20th of

125  
00:05:23,579 --> 00:05:28,348  
September well I was walking downtown

126  
00:05:25,528 --> 00:05:30,149  
just yesterday George Street the Main

127  
00:05:28,348 --> 00:05:32,009  
Street of Sydney near Town Hall and

128  
00:05:30,149 --> 00:05:34,259  
there was a guy in the street corner

129  
00:05:32,009 --> 00:05:36,598  
with a loudspeaker lamp with fire and a

130  
00:05:34,259 --> 00:05:38,819  
microphone and behind him was the post

131  
00:05:36,598 --> 00:05:42,569  
of warning of the tsunami on the 20th of

132  
00:05:38,819 --> 00:05:53,340  
September he is a little audio grab of

133  
00:05:42,569 --> 00:05:55,259  
what he had to say to justify your life

134  
00:05:53,339 --> 00:05:56,399  
when you can't behold the throne of God

135  
00:05:55,259 --> 00:05:57,810  
at the end of guys

136  
00:05:56,399 --> 00:06:00,179  
Brittany's given our domain once to die

137  
00:05:57,810 --> 00:06:02,009  
and after this the judgment we shall all

138  
00:06:00,180 --> 00:06:05,300  
stand before them who learned of God and

139  
00:06:02,009 --> 00:06:05,300  
you'll be held accountable

140  
00:06:08,228 --> 00:06:15,259  
now he carried on like that for sometime

141  
00:06:11,629 --> 00:06:17,629  
probably hours I would expect because I

142  
00:06:15,259 --> 00:06:19,339  
went away and came back about an hour

143

00:06:17,629 --> 00:06:22,339  
later and he was still going

144  
00:06:19,339 --> 00:06:23,929  
the only leaflets I managed to find and

145  
00:06:22,339 --> 00:06:27,888  
it was hard to talk to him of course

146  
00:06:23,930 --> 00:06:29,150  
because he just was raving on they were

147  
00:06:27,889 --> 00:06:31,490  
handing out other people handing out

148  
00:06:29,149 --> 00:06:33,319  
little leaflets here there is life after

149  
00:06:31,490 --> 00:06:37,930  
death jesus loves you heaven or hell

150  
00:06:33,319 --> 00:06:43,279  
these look like a couple of them here

151  
00:06:37,930 --> 00:06:45,680  
the problem everyone is in the same

152  
00:06:43,279 --> 00:06:48,888  
position separated from God yada yada

153  
00:06:45,680 --> 00:06:51,740  
yada and they look like generic flies

154  
00:06:48,889 --> 00:06:54,350  
I'm not sure in which particular or

155  
00:06:51,740 --> 00:06:56,150  
group is behind this it's interesting

156  
00:06:54,350 --> 00:06:58,129  
maybe listeners might be able to find

157  
00:06:56,149 --> 00:07:00,888

out anyway tsunami on the 20th of

158

00:06:58,129 --> 00:07:02,180

September watch out but now it's time

159

00:07:00,889 --> 00:07:04,550

for me to run downstairs and have a

160

00:07:02,180 --> 00:07:08,389

little bit of breakfast I think why not

161

00:07:04,550 --> 00:07:11,560

I'm going to have some toast sourdough

162

00:07:08,389 --> 00:07:13,910

toast of course lightly buttered a

163

00:07:11,560 --> 00:07:19,009

little bit of smoked salmon on top of

164

00:07:13,910 --> 00:07:21,139

that maybe oh maybe a fried egg or a

165

00:07:19,009 --> 00:07:24,199

poached poached egg on top of the salmon

166

00:07:21,139 --> 00:07:25,639

a little bit of jalapeno mustard which I

167

00:07:24,199 --> 00:07:27,668

discovered a couple of weeks ago which

168

00:07:25,639 --> 00:07:31,250

is delicious just a bit just for flavor

169

00:07:27,668 --> 00:07:33,319

pepper on top with a cup of coffee are

170

00:07:31,250 --> 00:07:35,538

you all visualizing that and I am well I

171

00:07:33,319 --> 00:07:37,719

do that I hope you enjoy the skeptic

172  
00:07:35,538 --> 00:07:37,719  
Zone

173  
00:07:53,689 --> 00:08:06,718  
it's the raw skeptic report with Heidi

174  
00:07:57,689 --> 00:08:10,019  
Robertson hello everyone this is Heidi

175  
00:08:06,718 --> 00:08:12,748  
Robertson this past week are pretty

176  
00:08:10,019 --> 00:08:14,848  
weird but welcome chain of events took

177  
00:08:12,749 --> 00:08:17,069  
place relating to our community group

178  
00:08:14,848 --> 00:08:20,728  
the Northern Rivers vaccination

179  
00:08:17,069 --> 00:08:23,309  
supporters it illustrates both the power

180  
00:08:20,728 --> 00:08:27,718  
of social media and the at times

181  
00:08:23,309 --> 00:08:30,299  
seemingly random nature of it it also

182  
00:08:27,718 --> 00:08:32,549  
served as a reminder to us that so many

183  
00:08:30,298 --> 00:08:35,098  
people are in fact in support of

184  
00:08:32,549 --> 00:08:37,258  
vaccinations and that's a fact that can

185  
00:08:35,099 --> 00:08:39,629  
be temporarily forgotten in the madness

186  
00:08:37,259 --> 00:08:42,269  
of the day-to-day struggle against the

187  
00:08:39,629 --> 00:08:47,009  
anti-vaccination movement here in the

188  
00:08:42,269 --> 00:08:51,600  
Northern Rivers so to this weird chain

189  
00:08:47,009 --> 00:08:54,360  
of events on our website in our vs info

190  
00:08:51,600 --> 00:08:57,808  
we have a selection of posters and

191  
00:08:54,360 --> 00:09:03,688  
graphics freely available for anyone to

192  
00:08:57,808 --> 00:09:06,019  
download and print out back in 2016 one

193  
00:09:03,688 --> 00:09:09,448  
of our administrators dr. Rachel Heep

194  
00:09:06,019 --> 00:09:12,589  
wrote a poster that had a confronting

195  
00:09:09,448 --> 00:09:15,859  
message she put it on our website and

196  
00:09:12,589 --> 00:09:18,660  
also uploaded it to our Facebook page

197  
00:09:15,860 --> 00:09:23,188  
I'll get to what the poster says in a

198  
00:09:18,659 --> 00:09:25,438  
minute but at that time back in 2016 the

199  
00:09:23,188 --> 00:09:27,568  
Facebook post had a few shares but

200

00:09:25,438 --> 00:09:31,860  
didn't really make much of a ripple at

201  
00:09:27,568 --> 00:09:35,428  
all it so happened that a nurse over in

202  
00:09:31,860 --> 00:09:39,300  
Colorado in the USA saw this poster on

203  
00:09:35,428 --> 00:09:41,938  
our Facebook page contacted us to see if

204  
00:09:39,299 --> 00:09:42,539  
she could use it to which we said yes of

205  
00:09:41,938 --> 00:09:46,110  
course

206  
00:09:42,539 --> 00:09:48,688  
and then we promptly forgot about it but

207  
00:09:46,110 --> 00:09:51,629  
she went to our website downloaded it

208  
00:09:48,688 --> 00:09:53,129  
printed it off placed it in a frame and

209  
00:09:51,629 --> 00:09:54,180  
hung it in the waiting room of the

210  
00:09:53,129 --> 00:09:57,960  
doctor's surgery where

211  
00:09:54,179 --> 00:10:02,069  
she worked two years later just this

212  
00:09:57,960 --> 00:10:05,430  
week on July the 21st a patient at that

213  
00:10:02,070 --> 00:10:07,920  
surgery called sunny noticed it she took

214  
00:10:05,429 --> 00:10:10,349

a photo of it and then she uploaded it

215

00:10:07,919 --> 00:10:13,708

onto her personal Facebook page and her

216

00:10:10,350 --> 00:10:18,810

Instagram account so what does this

217

00:10:13,708 --> 00:10:21,359

poster read here it is the title is not

218

00:10:18,809 --> 00:10:25,189

vaccinating your kids leaves them

219

00:10:21,360 --> 00:10:27,629

vulnerable to disease their whole lives

220

00:10:25,190 --> 00:10:30,149

when your daughter gets rubella when

221

00:10:27,629 --> 00:10:33,958

pregnant how are you going to explain

222

00:10:30,149 --> 00:10:35,639

that you chose to leave her at risk what

223

00:10:33,958 --> 00:10:38,369

will you say when she calls you and

224

00:10:35,639 --> 00:10:40,379

tells you she has cervical cancer

225

00:10:38,370 --> 00:10:43,950

because you decided that she wouldn't

226

00:10:40,379 --> 00:10:45,899

need the HPV vaccine what do you tell

227

00:10:43,950 --> 00:10:48,450

your son when he breaks the news to you

228

00:10:45,899 --> 00:10:52,528

that he cannot have kids thanks to the

229  
00:10:48,450 --> 00:10:54,480  
mumps that he got as a teenager and what

230  
00:10:52,528 --> 00:10:56,730  
do you say when he gives influenza to

231  
00:10:54,480 --> 00:10:58,399  
his grandma how do you explained that

232  
00:10:56,730 --> 00:11:02,278  
she won't be coming home from hospital

233  
00:10:58,399 --> 00:11:04,019  
not ever do you tell them that you

234  
00:11:02,278 --> 00:11:06,659  
didn't think these diseases were that

235  
00:11:04,019 --> 00:11:09,480  
serious that you thought that your

236  
00:11:06,659 --> 00:11:15,179  
organic home-cooked food was enough to

237  
00:11:09,480 --> 00:11:18,560  
protect them do you say sorry and then

238  
00:11:15,179 --> 00:11:25,139  
it's got a link to our website WWN

239  
00:11:18,559 --> 00:11:27,778  
affiliate of the poster so then what

240  
00:11:25,139 --> 00:11:30,809  
happened was one of our followers saw

241  
00:11:27,778 --> 00:11:33,000  
Sunny's post on Facebook and told us

242  
00:11:30,809 --> 00:11:35,609  
about it we went to her page to have a

243  
00:11:33,000 --> 00:11:38,009  
look and saw to our amazement that it

244  
00:11:35,610 --> 00:11:41,310  
already had 12,000 shares just from her

245  
00:11:38,009 --> 00:11:43,860  
own personal Facebook page but when I

246  
00:11:41,309 --> 00:11:47,849  
last looked just a couple of minutes ago

247  
00:11:43,860 --> 00:11:52,829  
and today is the 27th of July it had

248  
00:11:47,850 --> 00:11:56,310  
nearly 200,000 shares just from that one

249  
00:11:52,828 --> 00:11:58,889  
person's personal Facebook page so we

250  
00:11:56,309 --> 00:12:01,559  
got in touch with sunny and she's now a

251  
00:11:58,889 --> 00:12:04,708  
proud member of our group our friends at

252  
00:12:01,559 --> 00:12:06,109  
light for Riley reposted the poster on

253  
00:12:04,708 --> 00:12:09,679  
their Facebook page

254  
00:12:06,110 --> 00:12:13,039  
and I'm told so did many other Pro and

255  
00:12:09,679 --> 00:12:16,669  
anti vaccination Facebook pages all over

256  
00:12:13,039 --> 00:12:18,919  
the world dr. pan a tireless Pro

257

00:12:16,669 --> 00:12:21,769  
vaccination campaigner in California

258  
00:12:18,919 --> 00:12:26,059  
posted it as did George Takei with his

259  
00:12:21,769 --> 00:12:28,039  
10 million followers side note I had to

260  
00:12:26,059 --> 00:12:30,199  
Google how to pronounce Takei and this

261  
00:12:28,039 --> 00:12:33,559  
is the correct pronunciation according

262  
00:12:30,200 --> 00:12:36,500  
to the man himself other outlets that

263  
00:12:33,559 --> 00:12:40,759  
shared our poster or wrote about it

264  
00:12:36,500 --> 00:12:43,269  
include bored Panda news.com a you the

265  
00:12:40,759 --> 00:12:46,669  
New Zealand Herald the Daily Mail the

266  
00:12:43,269 --> 00:12:51,039  
Northern Territory News a site called

267  
00:12:46,669 --> 00:12:56,269  
now to love another called the stir and

268  
00:12:51,039 --> 00:12:59,899  
it's on reddit in other words our poster

269  
00:12:56,269 --> 00:13:02,889  
went viral which is one of our followers

270  
00:12:59,899 --> 00:13:05,269  
aptly said is just about the only thing

271  
00:13:02,889 --> 00:13:07,750

that is okay to go viral

272

00:13:05,269 --> 00:13:11,448  
especially in the pro vaccination

273

00:13:07,750 --> 00:13:14,299  
advocacy arena we received a bunch of

274

00:13:11,448 --> 00:13:18,828  
emails through our website mostly

275

00:13:14,299 --> 00:13:20,838  
supportive some decidedly not we had

276

00:13:18,828 --> 00:13:22,729  
doctors and nurses overseas asked if

277

00:13:20,839 --> 00:13:26,180  
they too could also print them out for

278

00:13:22,730 --> 00:13:28,550  
their waiting rooms so I'll read out the

279

00:13:26,179 --> 00:13:34,578  
first interview that dr. Rachel heap did

280

00:13:28,549 --> 00:13:37,039  
with Mamma Mia quote the pro vaccination

281

00:13:34,578 --> 00:13:41,448  
sign written by an australian doctor

282

00:13:37,039 --> 00:13:49,009  
going viral worldwide by helen ver nuke

283

00:13:41,448 --> 00:13:50,958  
July 24th 2018 sunny Mariah was at her

284

00:13:49,009 --> 00:13:53,028  
doctor's office in Colorado when she

285

00:13:50,958 --> 00:13:55,729  
noticed a sign up on the wall promoting

286  
00:13:53,028 --> 00:13:58,309  
vaccination so she took a photo and

287  
00:13:55,730 --> 00:14:00,709  
posted it on Facebook commenting that

288  
00:13:58,309 --> 00:14:04,489  
the sign was quote throwing some serious

289  
00:14:00,708 --> 00:14:05,958  
shade within a few days the post had

290  
00:14:04,490 --> 00:14:08,680  
been shared more than a hundred and

291  
00:14:05,958 --> 00:14:12,469  
thirty thousand times and had sent

292  
00:14:08,679 --> 00:14:14,269  
anti-vaxxers into a fury what Mariah

293  
00:14:12,470 --> 00:14:16,190  
didn't know was that the words on the

294  
00:14:14,269 --> 00:14:17,059  
sign had been written by a doctor from

295  
00:14:16,190 --> 00:14:19,970  
Australia

296  
00:14:17,059 --> 00:14:22,309  
Rachel heap dr. heap is in

297  
00:14:19,970 --> 00:14:24,139  
pensive care specialists who works in

298  
00:14:22,309 --> 00:14:27,378  
the Northern Rivers region of New South

299  
00:14:24,139 --> 00:14:29,750  
Wales in her spare time she politely and

300  
00:14:27,379 --> 00:14:31,670  
respectfully does her best to correct

301  
00:14:29,750 --> 00:14:34,938  
misinformation put out by quote

302  
00:14:31,669 --> 00:14:38,378  
professional anti-vaxxers end quote it's

303  
00:14:34,938 --> 00:14:41,088  
tough work but she keeps at it

304  
00:14:38,379 --> 00:14:41,839  
quote the ghosts of the people that I've

305  
00:14:41,089 --> 00:14:45,639  
looked after

306  
00:14:41,839 --> 00:14:48,529  
keep driving me she tells Mamma Mia

307  
00:14:45,639 --> 00:14:51,889  
those ghosts are her patients who have

308  
00:14:48,528 --> 00:14:55,068  
died or suffered horribly from vaccine

309  
00:14:51,889 --> 00:14:57,259  
preventable diseases in a six-month

310  
00:14:55,068 --> 00:14:59,929  
stint working in a kids intensive care

311  
00:14:57,259 --> 00:15:02,778  
unit dr. heap looked after babies with

312  
00:14:59,929 --> 00:15:03,349  
whooping cough two of those stick in her

313  
00:15:02,778 --> 00:15:05,600  
memory

314

00:15:03,350 --> 00:15:08,600  
there was one baby who spent six months

315  
00:15:05,600 --> 00:15:12,139  
in intensive care and may have been left

316  
00:15:08,600 --> 00:15:13,610  
with permanent brain damage quite the

317  
00:15:12,139 --> 00:15:17,720  
other one didn't make it

318  
00:15:13,610 --> 00:15:19,789  
she says sadly quote those are two of my

319  
00:15:17,720 --> 00:15:22,519  
ghosts but I've got countless endless

320  
00:15:19,789 --> 00:15:26,149  
other ones because people don't count

321  
00:15:22,519 --> 00:15:28,220  
the adults the 28 year old guy who died

322  
00:15:26,149 --> 00:15:30,730  
of late complications of whooping cough

323  
00:15:28,220 --> 00:15:33,350  
the people who have died from influenza

324  
00:15:30,730 --> 00:15:36,829  
young healthy people as well as the

325  
00:15:33,350 --> 00:15:39,050  
older and more frail name of vaccine

326  
00:15:36,828 --> 00:15:42,109  
preventable disease other than polio and

327  
00:15:39,049 --> 00:15:45,740  
I've seen it directly how can I not

328  
00:15:42,110 --> 00:15:48,230

continue this fight and no I'm not paid

329

00:15:45,740 --> 00:15:50,509

for it most of the people in the probe

330

00:15:48,230 --> 00:15:51,938

axe field we do this in our spare time

331

00:15:50,509 --> 00:15:55,629

because we are passionate about

332

00:15:51,938 --> 00:15:58,039

protecting the vulnerable end quote

333

00:15:55,629 --> 00:15:59,600

dr. heap who is one of the founders of

334

00:15:58,039 --> 00:16:01,909

the Northern Rivers vaccination

335

00:15:59,600 --> 00:16:05,058

supporters wrote the words on the sign

336

00:16:01,909 --> 00:16:07,188

about two years ago at the time there

337

00:16:05,058 --> 00:16:11,600

was a lot of debate about the no job no

338

00:16:07,188 --> 00:16:13,519

pay policy quote I kept hearing loads of

339

00:16:11,600 --> 00:16:15,949

comments about the parents right to

340

00:16:13,519 --> 00:16:17,480

choose and stuff like that almost like

341

00:16:15,948 --> 00:16:21,169

the kids were possessions

342

00:16:17,480 --> 00:16:24,289

end quote she remembers quote to me it's

343  
00:16:21,169 --> 00:16:26,889  
all about the rights of the child these

344  
00:16:24,289 --> 00:16:29,480  
diseases can impact on their whole lives

345  
00:16:26,889 --> 00:16:32,058  
you don't get to choose whether your kid

346  
00:16:29,480 --> 00:16:33,800  
wears a seatbelt there's stuff in place

347  
00:16:32,058 --> 00:16:36,559  
to protect children

348  
00:16:33,799 --> 00:16:38,528  
you don't own your children that upset

349  
00:16:36,559 --> 00:16:41,509  
me end quote

350  
00:16:38,528 --> 00:16:44,088  
dr. heap had just come off a quote

351  
00:16:41,509 --> 00:16:47,539  
pretty tough spell in the intensive care

352  
00:16:44,089 --> 00:16:49,760  
unit quote we look after people dying of

353  
00:16:47,539 --> 00:16:52,309  
influenza I've looked after people with

354  
00:16:49,759 --> 00:16:54,649  
complications of cervical cancer we

355  
00:16:52,309 --> 00:16:57,768  
looked after a guy with mumps the two

356  
00:16:54,649 --> 00:17:00,679  
things kind of hit together I did a rant

357  
00:16:57,769 --> 00:17:03,828  
from the heart it's the truth as I

358  
00:17:00,679 --> 00:17:04,730  
experience it as I live it every day end

359  
00:17:03,828 --> 00:17:07,818  
quote

360  
00:17:04,730 --> 00:17:09,500  
in the rat dr. Heep wrote that not

361  
00:17:07,818 --> 00:17:11,808  
vaccinating children can leave them

362  
00:17:09,500 --> 00:17:15,859  
vulnerable to disease their whole lives

363  
00:17:11,808 --> 00:17:18,078  
and then it goes on to quote the poster

364  
00:17:15,859 --> 00:17:20,419  
that I've already read she posted her

365  
00:17:18,078 --> 00:17:23,480  
rant online and pretty much forgot about

366  
00:17:20,420 --> 00:17:25,220  
it a nurse from Colorado contacted her

367  
00:17:23,480 --> 00:17:27,679  
to see if it was okay to print it out

368  
00:17:25,220 --> 00:17:32,049  
and put it up in their doctor's office

369  
00:17:27,679 --> 00:17:34,550  
it was from there that it went viral

370  
00:17:32,049 --> 00:17:36,440  
dr. heap admits that the tone of her

371

00:17:34,549 --> 00:17:39,289  
words is a bit different to the quote

372  
00:17:36,440 --> 00:17:41,150  
polite and respectful tone generally

373  
00:17:39,289 --> 00:17:43,490  
used by the Northern Rivers vaccination

374  
00:17:41,150 --> 00:17:45,860  
supporters their approach is to help

375  
00:17:43,490 --> 00:17:49,849  
educate people so they can make informed

376  
00:17:45,859 --> 00:17:52,969  
choices quote I don't usually throw

377  
00:17:49,849 --> 00:17:55,399  
shade that's not really what we do but

378  
00:17:52,970 --> 00:17:56,870  
once in a blue moon the emotion gets to

379  
00:17:55,400 --> 00:17:59,059  
us end quote

380  
00:17:56,869 --> 00:18:01,819  
dr. heap and the rest of the Northern

381  
00:17:59,058 --> 00:18:04,210  
Rivers vaccination supporters are going

382  
00:18:01,819 --> 00:18:08,019  
to keep working away in their spare time

383  
00:18:04,210 --> 00:18:10,819  
to correct misinformation about vaccines

384  
00:18:08,019 --> 00:18:16,069  
that involves quote trawling through

385  
00:18:10,819 --> 00:18:17,869

crap online it also involves talking to

386

00:18:16,069 --> 00:18:22,099

friends and neighbors an approach they

387

00:18:17,869 --> 00:18:25,759

call 1,000 cups of tea quote we live

388

00:18:22,099 --> 00:18:28,159

here this is our community these are our

389

00:18:25,759 --> 00:18:30,169

friends I don't want to see the

390

00:18:28,160 --> 00:18:32,630

neighbors kids come down with measles I

391

00:18:30,169 --> 00:18:38,290

don't want to look after people in ICU

392

00:18:32,630 --> 00:18:41,510

that I know so we keep going end quote

393

00:18:38,289 --> 00:18:44,269

obviously our poster got a heap of

394

00:18:41,509 --> 00:18:46,490

negative attention as well but I'm not

395

00:18:44,269 --> 00:18:47,629

even going to go into that because

396

00:18:46,490 --> 00:18:49,490

listeners to the skip

397

00:18:47,630 --> 00:18:52,580

Dick's own podcasts are all too familiar

398

00:18:49,490 --> 00:18:55,880

with the same anti-vaccination tropes

399

00:18:52,579 --> 00:18:58,399

that are always served up to us the pro

400  
00:18:55,880 --> 00:18:59,900  
vaccination advocates and there was

401  
00:18:58,400 --> 00:19:02,060  
nothing new to be read in the comment

402  
00:18:59,900 --> 00:19:05,800  
sections along those lines just a lot of

403  
00:19:02,059 --> 00:19:09,289  
angry ranting which we don't worry about

404  
00:19:05,799 --> 00:19:11,809  
you dear listener can help fight the

405  
00:19:09,289 --> 00:19:13,609  
misinformation out there starting with

406  
00:19:11,809 --> 00:19:16,429  
just speaking out in favor of

407  
00:19:13,609 --> 00:19:18,349  
vaccination making it normal for others

408  
00:19:16,430 --> 00:19:20,630  
to hear that we go for our annual flu

409  
00:19:18,349 --> 00:19:23,119  
shots or that we've just taken our kids

410  
00:19:20,630 --> 00:19:24,860  
for their booster shots if you don't

411  
00:19:23,119 --> 00:19:26,449  
feel like you can speak out in favor of

412  
00:19:24,859 --> 00:19:28,789  
vaccinations because of the social

413  
00:19:26,450 --> 00:19:31,340  
pressure especially if you're in a

414  
00:19:28,789 --> 00:19:34,970  
region of low vaccine uptake don't worry

415  
00:19:31,339 --> 00:19:36,829  
you're not alone and it takes time you

416  
00:19:34,970 --> 00:19:39,380  
can lend your support by following us on

417  
00:19:36,829 --> 00:19:42,919  
Facebook at Northern Rivers vaccination

418  
00:19:39,380 --> 00:19:46,070  
supporters on Twitter that in our VAX

419  
00:19:42,920 --> 00:19:48,470  
supporters that's VA X and you can get

420  
00:19:46,069 --> 00:19:50,419  
all the information you need from our

421  
00:19:48,470 --> 00:19:54,920  
World Health Organization endorsed

422  
00:19:50,420 --> 00:19:57,259  
website NRV s info we're amongst the

423  
00:19:54,920 --> 00:19:59,150  
downloadable posters and graphics you

424  
00:19:57,259 --> 00:20:02,569  
can also read the common myths and

425  
00:19:59,150 --> 00:20:04,220  
realities of vaccination if there's

426  
00:20:02,569 --> 00:20:06,679  
something there we have an address that

427  
00:20:04,220 --> 00:20:09,289  
you'd like us to or if you just want to

428

00:20:06,680 --> 00:20:12,110  
chat feel free to get in touch with us

429  
00:20:09,289 --> 00:20:16,190  
for support via any of those social

430  
00:20:12,109 --> 00:20:18,789  
media platforms until next time this has

431  
00:20:16,190 --> 00:20:22,299  
been Heidi Robertson signing off for now

432  
00:20:18,789 --> 00:20:22,299  
thanks for listening

433  
00:20:22,890 --> 00:20:32,119  
[Music]

434  
00:20:35,839 --> 00:20:38,899  
[Music]

435  
00:20:39,940 --> 00:20:44,000  
hi I'm sue Blackmore I am a visiting

436  
00:20:42,650 --> 00:20:46,250  
professor in psychology at the

437  
00:20:44,000 --> 00:20:47,900  
University of Plymouth in England and

438  
00:20:46,250 --> 00:20:51,500  
I'm really looking forward to coming to

439  
00:20:47,900 --> 00:20:54,230  
skeptic on 2018 in October and be

440  
00:20:51,500 --> 00:20:55,369  
talking about my new book steer myself

441  
00:20:54,230 --> 00:20:58,130  
the new science of out-of-body

442  
00:20:55,369 --> 00:20:59,989

experiences this is really what the

443

00:20:58,130 --> 00:21:02,000

reason that I ever got drawn into

444

00:20:59,990 --> 00:21:04,099

skepticism in the first place because I

445

00:21:02,000 --> 00:21:05,660

had this incredible experience that I

446

00:21:04,099 --> 00:21:07,039

couldn't understand it so I was

447

00:21:05,660 --> 00:21:10,550

determined to become a parapsychologist

448

00:21:07,039 --> 00:21:12,920

and I did my PhD in parapsychology did

449

00:21:10,549 --> 00:21:16,549

loads of experiments on espn2 left me

450

00:21:12,920 --> 00:21:19,400

all these kinds of things and well then

451

00:21:16,549 --> 00:21:21,379

the evidence made me change my mind

452

00:21:19,400 --> 00:21:22,910

joints and copper got involved in all

453

00:21:21,380 --> 00:21:26,600

the skeptical movements of those days

454

00:21:22,910 --> 00:21:28,070

but for a couple of decades so things

455

00:21:26,599 --> 00:21:29,689

were very different in those days and

456

00:21:28,069 --> 00:21:31,849

I'm looking forward to very much indeed

457  
00:21:29,690 --> 00:21:33,410  
to finding out a bit more about modern

458  
00:21:31,849 --> 00:21:36,619  
skepticism on the other side of the

459  
00:21:33,410 --> 00:21:39,019  
world and I hope that you will enjoy

460  
00:21:36,619 --> 00:21:40,009  
hearing the new science of out-of-body

461  
00:21:39,019 --> 00:21:42,769  
experiences

462  
00:21:40,009 --> 00:21:44,629  
it's the neurosciences fantastic and we

463  
00:21:42,769 --> 00:21:47,389  
can now understand just why and how it

464  
00:21:44,630 --> 00:21:48,590  
is that so many people are convinced

465  
00:21:47,390 --> 00:21:52,100  
that they've gone out - out of their

466  
00:21:48,589 --> 00:21:53,689  
body when they're really still inside in

467  
00:21:52,099 --> 00:21:55,339  
a minute they're not really inside are

468  
00:21:53,690 --> 00:21:57,710  
they I mean there's not the soul or a

469  
00:21:55,339 --> 00:22:00,379  
spirit or even really conscious self in

470  
00:21:57,710 --> 00:22:01,850  
that room well that's some of the very

471  
00:22:00,380 --> 00:22:04,130  
interesting things I hope we'll all be

472  
00:22:01,849 --> 00:22:05,299  
discussing in October hope to see you

473  
00:22:04,130 --> 00:22:07,030  
back

474  
00:22:05,299 --> 00:22:09,829  
[Music]

475  
00:22:07,029 --> 00:22:11,660  
meet professor Susan Blackmore at this

476  
00:22:09,829 --> 00:22:14,149  
year's skeptic on the Australian

477  
00:22:11,660 --> 00:22:16,430  
skeptics and national convention October

478  
00:22:14,150 --> 00:22:20,269  
the 13th and the 14th the concourse

479  
00:22:16,430 --> 00:22:23,330  
Chatswood tickets at Convention sceptics

480  
00:22:20,269 --> 00:22:42,368  
calm today you

481  
00:22:23,329 --> 00:22:45,288  
[Music]

482  
00:22:42,368 --> 00:22:49,218  
some years before the sceptic zone

483  
00:22:45,288 --> 00:22:52,548  
started and the show started in 2008 I

484  
00:22:49,219 --> 00:22:55,849  
attended a public talk given by the

485

00:22:52,548 --> 00:22:59,329  
Australian vaccination Network I think

486  
00:22:55,848 --> 00:23:03,759  
it was called making choices I've still

487  
00:22:59,329 --> 00:23:07,999  
got the video this was way back in 2002

488  
00:23:03,759 --> 00:23:09,499  
it was a talk that Peter Bowditch from

489  
00:23:07,999 --> 00:23:12,440  
the Australian skeptics otherwise known

490  
00:23:09,499 --> 00:23:15,169  
as red bags and I attended and it was a

491  
00:23:12,440 --> 00:23:18,070  
real eye-opener and that was where I was

492  
00:23:15,169 --> 00:23:21,499  
called afterwards on a blog a

493  
00:23:18,069 --> 00:23:23,509  
Mouseketeer only evil during this talk

494  
00:23:21,499 --> 00:23:25,519  
we were told that the World Health

495  
00:23:23,509 --> 00:23:27,829  
Organization through its vaccination

496  
00:23:25,519 --> 00:23:32,808  
program were worse than Hitler and

497  
00:23:27,829 --> 00:23:35,449  
Stalin and large injections of vitamin C

498  
00:23:32,808 --> 00:23:38,749  
could fix just about anything in the

499  
00:23:35,450 --> 00:23:40,969

emergency ward at the hospital and over

500

00:23:38,749 --> 00:23:42,229

the years with dr. heo reports and Heidi

501

00:23:40,969 --> 00:23:44,119

Robertson we've been keeping you up to

502

00:23:42,229 --> 00:23:47,479

date with the activities of the

503

00:23:44,118 --> 00:23:50,749

Australian vaccination Network which

504

00:23:47,479 --> 00:23:55,069

changed its name some years ago after

505

00:23:50,749 --> 00:23:58,159

pressure from the government to the

506

00:23:55,069 --> 00:24:00,979

Australian vaccination skeptics Network

507

00:23:58,159 --> 00:24:03,830

and now we learn published on the 24th

508

00:24:00,979 --> 00:24:06,469

of July they've changed their name again

509

00:24:03,829 --> 00:24:08,449

the Australian vaccination skeptics

510

00:24:06,469 --> 00:24:11,058

Network formerly the Australian

511

00:24:08,450 --> 00:24:14,330

vaccination network will now be known as

512

00:24:11,058 --> 00:24:17,269

the Australian vaccination risks Network

513

00:24:14,329 --> 00:24:19,728

Inc in a statement on their website they

514  
00:24:17,269 --> 00:24:21,499  
say we have heard from so many in our

515  
00:24:19,729 --> 00:24:23,528  
community that they did not feel

516  
00:24:21,499 --> 00:24:27,440  
comfortable with having the word

517  
00:24:23,528 --> 00:24:30,079  
skeptics in our name and believe me we

518  
00:24:27,440 --> 00:24:32,538  
totally understand why what you might

519  
00:24:30,079 --> 00:24:34,428  
not know is that we were forced to

520  
00:24:32,538 --> 00:24:36,769  
change our name by the New South Wales

521  
00:24:34,429 --> 00:24:39,649  
Fair Trading Department because they

522  
00:24:36,769 --> 00:24:41,960  
decided it was misleading well imagine

523  
00:24:39,648 --> 00:24:44,268  
that but you can read more about this

524  
00:24:41,960 --> 00:24:45,058  
here in this link and then after this is

525  
00:24:44,269 --> 00:24:49,740  
a little

526  
00:24:45,058 --> 00:24:52,829  
a dictionary insert skeptic noun skeptic

527  
00:24:49,740 --> 00:24:55,528  
a person inclined to question or doubt

528  
00:24:52,829 --> 00:24:57,388  
accepted opinions the Australian

529  
00:24:55,528 --> 00:25:00,089  
skeptics and other skeptical groups

530  
00:24:57,388 --> 00:25:02,490  
organizations around the world have

531  
00:25:00,089 --> 00:25:05,009  
taken a word that means quote a person

532  
00:25:02,490 --> 00:25:09,569  
who questions accept an opinions and

533  
00:25:05,009 --> 00:25:12,058  
quote and warped it into quote those who

534  
00:25:09,569 --> 00:25:14,668  
do not question accepted opinions and

535  
00:25:12,058 --> 00:25:20,428  
attack those who do end quote

536  
00:25:14,669 --> 00:25:22,889  
I see so no longer wanting to have our

537  
00:25:20,429 --> 00:25:26,190  
name potentially confused with the quote

538  
00:25:22,888 --> 00:25:29,579  
anti skeptics end quote we listen to

539  
00:25:26,190 --> 00:25:31,940  
your comments and applied to change our

540  
00:25:29,579 --> 00:25:35,038  
name to what we feel is more fitting

541  
00:25:31,940 --> 00:25:37,919  
Australian vaccination risks Network Inc

542

00:25:35,038 --> 00:25:40,829  
we think quote risks and quote is great

543  
00:25:37,919 --> 00:25:44,129  
because it covers the risk of injury and

544  
00:25:40,829 --> 00:25:47,960  
death that come from vaccines the risk

545  
00:25:44,128 --> 00:25:50,158  
of vaccine ineffectiveness the risk of

546  
00:25:47,960 --> 00:25:52,110  
vaccination policies that put the

547  
00:25:50,159 --> 00:25:54,419  
protection of the vaccination program

548  
00:25:52,109 --> 00:25:56,819  
above the children it is supposed to

549  
00:25:54,419 --> 00:25:59,909  
protect the risks that come from

550  
00:25:56,819 --> 00:26:02,788  
vaccinations Dogma instead of real and

551  
00:25:59,909 --> 00:26:04,528  
non industry linked science the risks of

552  
00:26:02,788 --> 00:26:06,509  
conflict of interest in vaccination

553  
00:26:04,528 --> 00:26:09,210  
programs and those who are in charge of

554  
00:26:06,509 --> 00:26:11,220  
these programs the risks of removing

555  
00:26:09,210 --> 00:26:14,190  
informed consent and choice from

556  
00:26:11,220 --> 00:26:15,929

individuals and parents and much more we

557

00:26:14,190 --> 00:26:17,639

will be updating our website Facebook

558

00:26:15,929 --> 00:26:20,460

Twitter YouTube and Instagram accounts

559

00:26:17,638 --> 00:26:22,979

to our new name but will probably take a

560

00:26:20,460 --> 00:26:25,230

couple of weeks if you see any places we

561

00:26:22,980 --> 00:26:27,569

miss out in the next few weeks please

562

00:26:25,230 --> 00:26:29,970

let us know and we'll fix them up as

563

00:26:27,569 --> 00:26:31,678

soon as possible we hope that you are

564

00:26:29,970 --> 00:26:34,230

happy with the change and we look

565

00:26:31,679 --> 00:26:36,929

forward to taking the Australian

566

00:26:34,230 --> 00:26:39,868

vaccination risks network ink into the

567

00:26:36,929 --> 00:26:41,580

future well this little bit of a window

568

00:26:39,868 --> 00:26:43,678

dressing doesn't really change anything

569

00:26:41,579 --> 00:26:47,069

it's nice that they've dropped the name

570

00:26:43,679 --> 00:26:49,740

or the word skeptics from their from

571  
00:26:47,069 --> 00:26:51,808  
their organization it's unfortunate that

572  
00:26:49,740 --> 00:26:54,450  
some media still run to these people for

573  
00:26:51,808 --> 00:26:57,089  
thoughts and opinions and comments but

574  
00:26:54,450 --> 00:26:58,169  
nothing nothing like they used to do

575  
00:26:57,089 --> 00:27:00,798  
which is good

576  
00:26:58,169 --> 00:27:04,909  
and as we'll hear in a moment this

577  
00:27:00,798 --> 00:27:11,278  
organization is promoting the film

578  
00:27:04,909 --> 00:27:12,720  
sacrificial virgins here's a story that

579  
00:27:11,278 --> 00:27:16,079  
comes to us from the Sydney Morning

580  
00:27:12,720 --> 00:27:19,739  
Herald online by Dana McCauley published

581  
00:27:16,079 --> 00:27:22,939  
on the 25th of July false and reckless

582  
00:27:19,739 --> 00:27:29,909  
Health Minister slams anti vaccination

583  
00:27:22,940 --> 00:27:32,850  
documentary maker Federal Health

584  
00:27:29,909 --> 00:27:34,789  
Minister Greg Hunt has slammed a

585  
00:27:32,849 --> 00:27:37,259  
controversial anti vaccination

586  
00:27:34,788 --> 00:27:40,319  
documentary ahead of its Australian

587  
00:27:37,259 --> 00:27:43,108  
launch warning against quote fake and

588  
00:27:40,319 --> 00:27:45,450  
reckless claims in quote targeting the

589  
00:27:43,108 --> 00:27:48,418  
government's cancer prevention program

590  
00:27:45,450 --> 00:27:51,389  
quote the science is in and the medical

591  
00:27:48,419 --> 00:27:54,210  
experts advice is absolute vaccinations

592  
00:27:51,388 --> 00:27:56,849  
save lives and protect lives and they

593  
00:27:54,210 --> 00:27:59,399  
are an essential part of a healthy

594  
00:27:56,849 --> 00:28:02,248  
society end quote Mr Hunt told to

595  
00:27:59,398 --> 00:28:04,308  
Fairfax Media Court I have no time for

596  
00:28:02,249 --> 00:28:06,720  
the false and reckless claims made by

597  
00:28:04,308 --> 00:28:09,089  
anti-vaxxers and I will continue to call

598  
00:28:06,720 --> 00:28:12,569  
out their dangerous claims in quote the

599

00:28:09,089 --> 00:28:14,788  
film sacrificial virgins which opposes

600  
00:28:12,569 --> 00:28:18,298  
the Gardasil vaccination program and

601  
00:28:14,788 --> 00:28:20,308  
claims that HPV does not cause cervical

602  
00:28:18,298 --> 00:28:24,028  
cancer will screen at seven locations

603  
00:28:20,308 --> 00:28:26,249  
across Australia next month Immigration

604  
00:28:24,028 --> 00:28:29,308  
Minister Peter Dutton would not rule out

605  
00:28:26,249 --> 00:28:32,220  
denying entry to British filmmaker Joan

606  
00:28:29,308 --> 00:28:35,099  
Shenton when she flies in for screenings

607  
00:28:32,220 --> 00:28:38,608  
it is understood that miss Shenton who

608  
00:28:35,099 --> 00:28:41,778  
has previously argued that HIV does not

609  
00:28:38,608 --> 00:28:44,069  
cause AIDS is yet to apply for a visa

610  
00:28:41,778 --> 00:28:45,898  
doctors have criticized the film for

611  
00:28:44,069 --> 00:28:49,319  
peddling unhelpful information and

612  
00:28:45,898 --> 00:28:51,808  
spreading fear about a program which the

613  
00:28:49,319 --> 00:28:53,700

vast majority of medical experts regard

614

00:28:51,808 --> 00:28:56,158

as safe and effective in preventing

615

00:28:53,700 --> 00:28:59,369

deaths from cervical and other cancers

616

00:28:56,159 --> 00:29:01,559

the Gardasil vaccine which was invented

617

00:28:59,368 --> 00:29:04,319

in Queensland and protects against the

618

00:29:01,558 --> 00:29:07,648

forms of the sexually transmitted human

619

00:29:04,319 --> 00:29:10,858

papilloma virus HPV that causes about

620

00:29:07,648 --> 00:29:12,119

90% of cervical cancers is included in

621

00:29:10,858 --> 00:29:14,309

Australia's national

622

00:29:12,119 --> 00:29:17,909

immigration program for girls and boys

623

00:29:14,309 --> 00:29:20,490

aged 10 and older the local

624

00:29:17,910 --> 00:29:23,970

anti-vaccination Lobby is promoting the

625

00:29:20,490 --> 00:29:26,940

film screening with the stated aim of

626

00:29:23,970 --> 00:29:29,750

having the HPV vaccination program

627

00:29:26,940 --> 00:29:32,759

suspended from the national immunization

628  
00:29:29,750 --> 00:29:37,319  
schedule the founder of the Australian

629  
00:29:32,759 --> 00:29:38,879  
vaccination risk Network and we remind

630  
00:29:37,319 --> 00:29:41,039  
you that they used to be called the

631  
00:29:38,880 --> 00:29:42,660  
Australian vaccination skeptics Network

632  
00:29:41,039 --> 00:29:46,349  
and before that it was the Australian

633  
00:29:42,660 --> 00:29:48,540  
vaccination Network Meryl Dorie told

634  
00:29:46,349 --> 00:29:51,659  
Fairfax Media the film contained

635  
00:29:48,539 --> 00:29:54,029  
reliable information from top experts in

636  
00:29:51,660 --> 00:29:57,060  
the field of science and health iminium

637  
00:29:54,029 --> 00:30:00,269  
toxicity in quote quote has the minister

638  
00:29:57,059 --> 00:30:02,789  
even watched the film if he hasn't how

639  
00:30:00,269 --> 00:30:06,180  
can he possibly make criticisms of it

640  
00:30:02,789 --> 00:30:08,279  
and quote miss dory said she pointed to

641  
00:30:06,180 --> 00:30:10,529  
class actions against the Gardasil

642  
00:30:08,279 --> 00:30:12,509  
vaccines manufacturer in countries

643  
00:30:10,529 --> 00:30:14,759  
around the world and claimed that the

644  
00:30:12,509 --> 00:30:17,420  
federal government was failing to

645  
00:30:14,759 --> 00:30:20,160  
provide Australians with all the facts

646  
00:30:17,420 --> 00:30:23,220  
should the Immigration Minister refused

647  
00:30:20,160 --> 00:30:27,090  
entry to miss Hinton as it did last year

648  
00:30:23,220 --> 00:30:29,160  
when the self-described quote world's

649  
00:30:27,089 --> 00:30:31,709  
number-one anti-vaxxer and quote

650  
00:30:29,160 --> 00:30:34,230  
American teacher kid heck and lively was

651  
00:30:31,710 --> 00:30:36,569  
banned from the country it would amount

652  
00:30:34,230 --> 00:30:39,150  
to an attack on freedom of speech she

653  
00:30:36,569 --> 00:30:41,429  
argued Mr Hunt said every vaccine on the

654  
00:30:39,150 --> 00:30:44,009  
national schedule was subject to strict

655  
00:30:41,430 --> 00:30:45,990  
safety testing before it could be

656

00:30:44,009 --> 00:30:49,920  
registered for use by the Therapeutic

657  
00:30:45,990 --> 00:30:52,319  
Goods Administration quote the TGA also

658  
00:30:49,920 --> 00:30:55,440  
undertakes ongoing monitoring and

659  
00:30:52,319 --> 00:30:58,139  
assessment of vaccines to ensure they

660  
00:30:55,440 --> 00:30:59,100  
are safe and effective once they are in

661  
00:30:58,140 --> 00:31:02,040  
use in Australia

662  
00:30:59,099 --> 00:31:04,109  
end quote he said quote for a vaccine to

663  
00:31:02,039 --> 00:31:06,149  
be listed on the National immunisation

664  
00:31:04,109 --> 00:31:08,459  
programme it must receive a positive

665  
00:31:06,150 --> 00:31:10,800  
recommendation from the pharmaceutical

666  
00:31:08,460 --> 00:31:13,650  
Benefits Advisory Committee the

667  
00:31:10,799 --> 00:31:15,180  
independent medical experts Gardasil has

668  
00:31:13,650 --> 00:31:18,060  
both the pharmaceutical Benefits

669  
00:31:15,180 --> 00:31:20,519  
Advisory Committee and the TGA approval

670  
00:31:18,059 --> 00:31:24,049

giving it the green light for safety and

671

00:31:20,519 --> 00:31:24,049  
effectiveness and quota

672

00:31:24,470 --> 00:31:30,028  
and again that story comes to us from

673

00:31:27,388 --> 00:31:32,819  
Dana McCauley at The Sydney Morning

674

00:31:30,028 --> 00:31:38,700  
Herald written on the 25th of July 2018

675

00:31:32,819 --> 00:31:40,470  
with links in this week's show notes and

676

00:31:38,700 --> 00:31:42,240  
I have a funny feeling we're going to be

677

00:31:40,470 --> 00:31:46,309  
hearing more about the screening of this

678

00:31:42,240 --> 00:32:03,288  
movie sacrificial virgins

679

00:31:46,309 --> 00:32:05,788  
[Music]

680

00:32:03,288 --> 00:32:08,519  
this is Kyle from the data skeptic

681

00:32:05,788 --> 00:32:10,859  
podcast if you're curious about the way

682

00:32:08,519 --> 00:32:13,349  
data is changing our world topics like

683

00:32:10,859 --> 00:32:15,898  
AI and all this craziness with Facebook

684

00:32:13,349 --> 00:32:17,699  
and BOTS and the Twitter storm and how

685  
00:32:15,898 --> 00:32:19,798  
the algorithms that underline that work

686  
00:32:17,700 --> 00:32:21,389  
and you don't want a technical deep dive

687  
00:32:19,798 --> 00:32:22,769  
you want it you know in the vernacular

688  
00:32:21,388 --> 00:32:24,508  
in a way that people can understand

689  
00:32:22,769 --> 00:32:26,460  
check us out at data skeptic that's what

690  
00:32:24,509 --> 00:32:28,440  
we try and do i interview advanced

691  
00:32:26,460 --> 00:32:30,149  
professionals in the field who do this

692  
00:32:28,440 --> 00:32:34,798  
sort of research and then I get into

693  
00:32:30,148 --> 00:32:36,569  
interesting projects as well we're a

694  
00:32:34,798 --> 00:32:37,599  
weekly show and you can find this data

695  
00:32:36,569 --> 00:32:55,990  
skeptic calm

696  
00:32:37,599 --> 00:32:55,990  
[Music]

697  
00:32:56,730 --> 00:33:01,899  
it seems as an app for everything

698  
00:32:59,109 --> 00:33:04,629  
nowadays my smartphone does all sorts

699  
00:33:01,898 --> 00:33:06,849  
from controlling my finances to boiling

700  
00:33:04,630 --> 00:33:08,440  
my kettle it wakes me up in the morning

701  
00:33:06,849 --> 00:33:10,839  
and tells me how active I've been during

702  
00:33:08,440 --> 00:33:13,538  
the day it knows my blood type

703  
00:33:10,839 --> 00:33:15,519  
and my wish to donate my organs it's

704  
00:33:13,538 --> 00:33:17,470  
hardly surprising that millions of

705  
00:33:15,519 --> 00:33:19,058  
people willingly input vast amounts of

706  
00:33:17,470 --> 00:33:20,710  
personal health data into their phones

707  
00:33:19,058 --> 00:33:22,298  
and let the software do the

708  
00:33:20,710 --> 00:33:23,679  
number-crunching rather than the

709  
00:33:22,298 --> 00:33:25,839  
old-fashioned way of thumbing through a

710  
00:33:23,679 --> 00:33:27,429  
ledger or calendar women have been

711  
00:33:25,839 --> 00:33:30,908  
logging their menstrual cycles in

712  
00:33:27,429 --> 00:33:32,740  
calendars and Diaries for ages awareness

713

00:33:30,909 --> 00:33:35,260  
of your own body and its functions is

714  
00:33:32,740 --> 00:33:37,298  
hugely important it makes it easier to

715  
00:33:35,259 --> 00:33:38,980  
spot when something is wrong but also

716  
00:33:37,298 --> 00:33:41,918  
allows you to predict what's likely to

717  
00:33:38,980 --> 00:33:44,798  
happen in the near future on top of this

718  
00:33:41,919 --> 00:33:46,659  
not all women menstruate and not all who

719  
00:33:44,798 --> 00:33:48,038  
münster eight are women and when a

720  
00:33:46,659 --> 00:33:50,169  
person's hormone levels change

721  
00:33:48,038 --> 00:33:52,599  
significantly due to starting or

722  
00:33:50,169 --> 00:33:55,210  
stopping medications biological changes

723  
00:33:52,599 --> 00:33:57,129  
or other outside factors keeping an

724  
00:33:55,210 --> 00:33:59,139  
accurate log of menstruation can allow a

725  
00:33:57,130 --> 00:34:01,990  
person to have a more in-depth analysis

726  
00:33:59,138 --> 00:34:04,509  
of their health so why am I telling you

727  
00:34:01,990 --> 00:34:06,849

about period tracking well in recent

728

00:34:04,509 --> 00:34:08,559

years several technology companies have

729

00:34:06,849 --> 00:34:10,889

released apps which claim to be as

730

00:34:08,559 --> 00:34:13,269

effective as hormonal contraception

731

00:34:10,889 --> 00:34:15,940

often breaking health regulations in

732

00:34:13,269 --> 00:34:17,909

doing so they claim to be able to tell

733

00:34:15,940 --> 00:34:20,579

you usually using a traffic light system

734

00:34:17,909 --> 00:34:23,950

when it's safe to have unprotected sex

735

00:34:20,579 --> 00:34:25,899

this is a really bold claim and in the

736

00:34:23,949 --> 00:34:28,568

fine print there are plenty of caveats

737

00:34:25,898 --> 00:34:30,368

while on the Facebook pages there are

738

00:34:28,568 --> 00:34:33,940

plenty of posts from women about their

739

00:34:30,369 --> 00:34:35,349

digital contraceptive failures so when

740

00:34:33,940 --> 00:34:37,690

the app tells you that you are in a

741

00:34:35,349 --> 00:34:40,119

fertile window couples are either meant

742  
00:34:37,690 --> 00:34:42,818  
to abstain or use a barrier method and

743  
00:34:40,119 --> 00:34:45,068  
hope that doesn't fail some of these

744  
00:34:42,818 --> 00:34:47,559  
companies use the standard days method

745  
00:34:45,068 --> 00:34:49,269  
to calculate these Fertile windows but

746  
00:34:47,559 --> 00:34:51,210  
this method is only appropriate for

747  
00:34:49,269 --> 00:34:53,199  
people who fit a very strict criteria

748  
00:34:51,210 --> 00:34:55,659  
they must have very

749  
00:34:53,199 --> 00:34:59,608  
regular periods and their cycles must

750  
00:34:55,659 --> 00:35:02,559  
always be between 26 and 32 days long

751  
00:34:59,608 --> 00:35:04,630  
many women fit this criteria generally

752  
00:35:02,559 --> 00:35:07,059  
over the course of a year but the length

753  
00:35:04,630 --> 00:35:10,200  
of a particular menstrual cycle can be

754  
00:35:07,059 --> 00:35:13,119  
extended or shortened by stress trauma

755  
00:35:10,199 --> 00:35:16,480  
strenuous exercise diet all sorts of

756  
00:35:13,119 --> 00:35:18,789  
influences some of these companies add

757  
00:35:16,480 --> 00:35:20,619  
an air of legitimacy by providing a

758  
00:35:18,789 --> 00:35:22,989  
basal body temperature thermometer with

759  
00:35:20,619 --> 00:35:24,579  
a subscription the idea being that you

760  
00:35:22,989 --> 00:35:26,919  
take your temperature immediately upon

761  
00:35:24,579 --> 00:35:28,240  
waking up and then the app crunches the

762  
00:35:26,920 --> 00:35:31,119  
numbers and tells you when you're

763  
00:35:28,239 --> 00:35:33,549  
ovulating the biggest risks with this

764  
00:35:31,119 --> 00:35:36,430  
type of technology is that no two bodies

765  
00:35:33,550 --> 00:35:39,910  
are the same and we are all capable of

766  
00:35:36,429 --> 00:35:42,029  
mistakes simple things like taking your

767  
00:35:39,909 --> 00:35:44,049  
temperature after brushing your teeth

768  
00:35:42,030 --> 00:35:45,960  
accidentally leaving a thermometer by

769  
00:35:44,050 --> 00:35:48,369  
the window to heat up during sunrise

770

00:35:45,960 --> 00:35:51,159  
over sleeping and taking a reading while

771  
00:35:48,369 --> 00:35:52,990  
getting dressed got young kids do shift

772  
00:35:51,159 --> 00:35:55,379  
work or frequent international travel

773  
00:35:52,989 --> 00:35:58,029  
good luck having a regular sleep cycle

774  
00:35:55,380 --> 00:35:59,710  
add to this the fact that sperm can

775  
00:35:58,030 --> 00:36:02,260  
survive for several days after

776  
00:35:59,710 --> 00:36:05,170  
intercourse various factors can delay or

777  
00:36:02,260 --> 00:36:06,490  
expedite ovulation not everyone ovulates

778  
00:36:05,170 --> 00:36:08,858  
at the same point in their menstrual

779  
00:36:06,489 --> 00:36:11,049  
cycle and some people ovulate from both

780  
00:36:08,858 --> 00:36:13,630  
ovaries per cycle with a gap between

781  
00:36:11,050 --> 00:36:15,789  
over you can see how these apps should

782  
00:36:13,630 --> 00:36:17,710  
only be used by couples who are prepared

783  
00:36:15,789 --> 00:36:21,369  
to get pregnant at any point during

784  
00:36:17,710 --> 00:36:22,869

their use these natural methods have

785

00:36:21,369 --> 00:36:25,240

been heavily criticized in medical

786

00:36:22,869 --> 00:36:27,010

journals such as the be MJ's sexual and

787

00:36:25,239 --> 00:36:28,719

reproductive health the Journal of

788

00:36:27,010 --> 00:36:31,119

contraception and the Journal of

789

00:36:28,719 --> 00:36:32,799

reproductive health but one of the

790

00:36:31,119 --> 00:36:35,410

biggest drivers behind using these

791

00:36:32,800 --> 00:36:37,890

technologies is an aversion to hormonal

792

00:36:35,409 --> 00:36:39,909

contraception which many women feel

793

00:36:37,889 --> 00:36:41,409

especially those who may have been

794

00:36:39,909 --> 00:36:43,989

taking them for several years even

795

00:36:41,409 --> 00:36:47,139

decades and experienced unpleasant side

796

00:36:43,989 --> 00:36:49,328

effects everyone experiences hormonal

797

00:36:47,139 --> 00:36:50,440

contraception differently and for some

798

00:36:49,329 --> 00:36:52,510

it's what makes life worth living

799

00:36:50,440 --> 00:36:54,970  
especially those with conditions like

800

00:36:52,510 --> 00:36:56,490  
endometriosis while for others it

801

00:36:54,969 --> 00:36:58,299  
affects them very negatively

802

00:36:56,489 --> 00:37:00,068  
historically there have been numerous

803

00:36:58,300 --> 00:37:01,690  
health scares associated with nearly

804

00:37:00,068 --> 00:37:03,818  
every form of hormonal contraception

805

00:37:01,690 --> 00:37:06,639  
with increased risks of everything from

806

00:37:03,818 --> 00:37:09,308  
stroke DVT depression

807

00:37:06,639 --> 00:37:12,219  
gain headaches migraines even breast

808

00:37:09,309 --> 00:37:14,019  
cancer and ironically while the

809

00:37:12,219 --> 00:37:16,358  
availability of contraception can lead

810

00:37:14,018 --> 00:37:18,009  
to an increase in sexual liberation one

811

00:37:16,358 --> 00:37:19,440  
of the most common side effects is

812

00:37:18,010 --> 00:37:22,028  
decreased libido

813  
00:37:19,440 --> 00:37:23,528  
it's almost unsurprising then that large

814  
00:37:22,028 --> 00:37:25,929  
numbers of women are turning their backs

815  
00:37:23,528 --> 00:37:28,568  
on medical interventions and choosing

816  
00:37:25,929 --> 00:37:31,149  
instead to use more passive less robust

817  
00:37:28,568 --> 00:37:34,538  
forms of avoiding pregnancy the question

818  
00:37:31,150 --> 00:37:36,369  
is are the risks worth it this is Trish

819  
00:37:34,539 --> 00:37:46,170  
Han for the sceptic zone

820  
00:37:36,369 --> 00:37:46,170  
[Music]

821  
00:37:48,250 --> 00:37:52,469  
[Music]

822  
00:37:51,019 --> 00:37:53,980  
just

823  
00:37:52,469 --> 00:37:57,619  
[Music]

824  
00:37:53,980 --> 00:38:00,110  
see a simple idiot hey Sal you guys guys

825  
00:37:57,619 --> 00:38:02,029  
I just had the most amazing experience

826  
00:38:00,110 --> 00:38:03,680  
what experienced under us under Chevy

827

00:38:02,030 --> 00:38:05,810  
been to the pub children nuts hang out

828  
00:38:03,679 --> 00:38:08,239  
with mash you know he was blessed by

829  
00:38:05,809 --> 00:38:11,090  
peter Popoff no yelling I'm not talking

830  
00:38:08,239 --> 00:38:13,069  
about psychics it was a really SP

831  
00:38:11,090 --> 00:38:14,600  
experience now you have been to the pub

832  
00:38:13,070 --> 00:38:15,289  
either that or you've been smoking

833  
00:38:14,599 --> 00:38:17,809  
something

834  
00:38:15,289 --> 00:38:20,029  
no punters the ESB is the European

835  
00:38:17,809 --> 00:38:22,190  
sceptics podcast it's the most amazing

836  
00:38:20,030 --> 00:38:23,990  
thing you get to know so much about

837  
00:38:22,190 --> 00:38:26,929  
sceptics and their activities across

838  
00:38:23,989 --> 00:38:28,549  
Europe you know events hot topics and

839  
00:38:26,929 --> 00:38:30,919  
interviews with lots of interesting

840  
00:38:28,550 --> 00:38:32,240  
people oh wow cool by the way punters

841  
00:38:30,920 --> 00:38:34,909

you just come into the false dichotomy

842

00:38:32,239 --> 00:38:37,939

fallacy I guess that means I'm really

843

00:38:34,909 --> 00:38:39,949

wrong yep then you can even learn about

844

00:38:37,940 --> 00:38:42,440

those fallacies in the show and hear

845

00:38:39,949 --> 00:38:44,719

about people spreading silly ideas you

846

00:38:42,440 --> 00:38:47,750

should really check it out it's the ESP

847

00:38:44,719 --> 00:38:50,389

the European sceptics podcast it's on

848

00:38:47,750 --> 00:38:52,699

never weak alright so where can I get

849

00:38:50,389 --> 00:38:55,369

this is the experience it sounds good

850

00:38:52,699 --> 00:38:58,460

you can go online at the ESP da to you

851

00:38:55,369 --> 00:39:01,460

follow it on twitter at es podcast

852

00:38:58,460 --> 00:39:03,650

underscore EU or like the podcast on

853

00:39:01,460 --> 00:39:06,679

Facebook oh and you can also contact the

854

00:39:03,650 --> 00:39:10,519

show by sending them an email to info at

855

00:39:06,679 --> 00:39:12,559

the ESPE you and if you want to

856  
00:39:10,519 --> 00:39:15,289  
subscribe do a quick search for the

857  
00:39:12,559 --> 00:39:18,769  
European skeptic podcast on soundcloud

858  
00:39:15,289 --> 00:39:41,900  
iTunes or stitcher

859  
00:39:18,769 --> 00:39:43,429  
I don't know how you can believe you

860  
00:39:41,900 --> 00:39:45,500  
know how some of the medicines you see

861  
00:39:43,429 --> 00:39:47,750  
in drugstores are sometimes labeled as

862  
00:39:45,500 --> 00:39:50,210  
homeopathic you might have heard

863  
00:39:47,750 --> 00:39:52,099  
somewhere that homeopathy is a natural

864  
00:39:50,210 --> 00:39:54,559  
way to treat things like colds the flu

865  
00:39:52,099 --> 00:39:56,539  
aches and pains sleeplessness and a

866  
00:39:54,559 --> 00:39:59,000  
million other things let's just get this

867  
00:39:56,539 --> 00:40:03,199  
out of the way right now homeopathy is

868  
00:39:59,000 --> 00:40:05,630  
bunk it's based on a bizarre idea from

869  
00:40:03,199 --> 00:40:08,509  
the 1700s that water molecules have

870  
00:40:05,630 --> 00:40:11,660  
memory in which dangerous substances are

871  
00:40:08,510 --> 00:40:14,510  
diluted so much that the ingredients

872  
00:40:11,659 --> 00:40:17,899  
literally aren't there anymore it

873  
00:40:14,510 --> 00:40:20,810  
doesn't work it can't work it's fake

874  
00:40:17,900 --> 00:40:24,079  
medicine and this is important drug

875  
00:40:20,809 --> 00:40:26,420  
retailers they know this but they sell

876  
00:40:24,079 --> 00:40:30,529  
this stuff anyway this is why the Center

877  
00:40:26,420 --> 00:40:32,990  
for inquiry that's us is suing CVS the

878  
00:40:30,530 --> 00:40:35,330  
largest drug retailer in the country for

879  
00:40:32,989 --> 00:40:39,769  
fraud yeah that's right

880  
00:40:35,329 --> 00:40:42,259  
fraud here's why CVS is marketing and

881  
00:40:39,769 --> 00:40:44,539  
selling useless homeopathic products

882  
00:40:42,260 --> 00:40:46,640  
right alongside real evidence-based

883  
00:40:44,539 --> 00:40:49,159  
medicine under Sections labeled

884

00:40:46,639 --> 00:40:51,980  
cold and flu or sleep aids or what have

885  
00:40:49,159 --> 00:40:53,960  
you on CVS's website homeopathic

886  
00:40:51,980 --> 00:40:55,400  
treatments are nested right along with

887  
00:40:53,960 --> 00:40:58,190  
real science-based

888  
00:40:55,400 --> 00:41:00,079  
FDA approved medicines for consumers

889  
00:40:58,190 --> 00:41:02,329  
there's nothing to distinguish the fake

890  
00:41:00,079 --> 00:41:05,299  
medicine from the real thing because

891  
00:41:02,329 --> 00:41:06,309  
their pharmacy CBS has lumped them all

892  
00:41:05,300 --> 00:41:10,789  
together

893  
00:41:06,309 --> 00:41:13,039  
this needs to stop CVS is exploiting

894  
00:41:10,789 --> 00:41:14,869  
people's fears about chemicals and side

895  
00:41:13,039 --> 00:41:17,119  
effects while using their reputation is

896  
00:41:14,869 --> 00:41:19,670  
a major pharmacy to trick people into

897  
00:41:17,119 --> 00:41:22,460  
buying untested ineffective fantasy

898  
00:41:19,670 --> 00:41:24,760

products it's time to put a stop to the

899

00:41:22,460 --> 00:41:27,769

deception and give people the facts

900

00:41:24,760 --> 00:41:29,330

that's exactly what we're going to do to

901

00:41:27,769 --> 00:41:32,009

learn more about the Center for inquiry

902

00:41:29,329 --> 00:41:55,559

and our case against CVS go to

903

00:41:32,010 --> 00:41:57,300

Center for inquiry org slash CVS we're

904

00:41:55,559 --> 00:41:59,400

here with Beth Darlington hello Beth

905

00:41:57,300 --> 00:42:00,900

hello how are you Richard I'm really

906

00:41:59,400 --> 00:42:02,460

well we've just had a lot of fun with

907

00:42:00,900 --> 00:42:05,190

that goose Maynard we've been filming a

908

00:42:02,460 --> 00:42:07,349

promo for a skeptic on yes can't wait

909

00:42:05,190 --> 00:42:08,490

and be so good and we're doing a panel

910

00:42:07,349 --> 00:42:10,619

with soup

911

00:42:08,489 --> 00:42:12,959

Blackmore Sam Hutchinson and Carrie papi

912

00:42:10,619 --> 00:42:15,509

all about classic skepticism the good

913  
00:42:12,960 --> 00:42:17,369  
old stuff UFOs and cryptids and ghosts

914  
00:42:15,510 --> 00:42:19,530  
and I love that cheeks as well mustn't

915  
00:42:17,369 --> 00:42:22,289  
forget them well then how could we

916  
00:42:19,530 --> 00:42:24,420  
happen is that where your interest came

917  
00:42:22,289 --> 00:42:26,880  
about my interest has been on the

918  
00:42:24,420 --> 00:42:28,530  
possibility of items and moving without

919  
00:42:26,880 --> 00:42:30,480  
you know having a natural explanation

920  
00:42:28,530 --> 00:42:32,250  
that we know of yet and also from a

921  
00:42:30,480 --> 00:42:34,050  
psychic perspective how people appear to

922  
00:42:32,250 --> 00:42:35,699  
actually know about other people what

923  
00:42:34,050 --> 00:42:38,490  
they wouldn't know about information and

924  
00:42:35,699 --> 00:42:40,439  
stuff like that so yeah stories stemmed

925  
00:42:38,489 --> 00:42:41,849  
from there but of course some critical

926  
00:42:40,440 --> 00:42:43,740  
thinking is a dying art when it comes to

927  
00:42:41,849 --> 00:42:46,079  
the paranormal so I'm hoping to bring

928  
00:42:43,739 --> 00:42:47,039  
that back like sexy so I think you're

929  
00:42:46,079 --> 00:42:48,809  
right and I think you'll really enjoy

930  
00:42:47,039 --> 00:42:50,940  
some of the other people we have on the

931  
00:42:48,809 --> 00:42:52,980  
panel with us all all of us I think have

932  
00:42:50,940 --> 00:42:55,590  
had quite a bit of experience and in the

933  
00:42:52,980 --> 00:42:58,949  
good old classic stuff the stuff I love

934  
00:42:55,590 --> 00:43:01,019  
you know I that's are UFOs is my where I

935  
00:42:58,949 --> 00:43:02,669  
really got into it years ago and Bigfoot

936  
00:43:01,019 --> 00:43:04,199  
I mean I grew up in the 70s and that's

937  
00:43:02,670 --> 00:43:07,139  
when it was all really happening right

938  
00:43:04,199 --> 00:43:09,000  
gosh I'm jealous so jealous oh I don't

939  
00:43:07,139 --> 00:43:10,799  
know you grew up in the 70s made out of

940  
00:43:09,000 --> 00:43:12,239  
you jealous no but I have a bit psychic

941

00:43:10,800 --> 00:43:15,030  
I know a lot about the Baldwin brothers

942  
00:43:12,239 --> 00:43:18,239  
that I shouldn't we'll just leave that

943  
00:43:15,030 --> 00:43:20,670  
damn folks come and meet Beth and myself

944  
00:43:18,239 --> 00:43:23,379  
and maybe even may not at skeptic on

945  
00:43:20,670 --> 00:43:38,519  
2018

946  
00:43:23,380 --> 00:43:38,519  
[Music]

947  
00:43:43,929 --> 00:43:49,000  
thank you for listening to the skeptic

948  
00:43:46,400 --> 00:43:51,858  
zone here are some more announcements

949  
00:43:49,000 --> 00:43:53,750  
Science Week is approaching and now I

950  
00:43:51,858 --> 00:43:55,940  
can't wait I love science week every

951  
00:43:53,750 --> 00:43:58,010  
year we have the mystery investigators

952  
00:43:55,940 --> 00:43:59,960  
with main art and myself my friend Ian

953  
00:43:58,010 --> 00:44:01,940  
rice we perform at the Australian Museum

954  
00:43:59,960 --> 00:44:04,460  
we haven't been doing that for years now

955  
00:44:01,940 --> 00:44:07,940

this is where longtime listeners will

956

00:44:04,460 --> 00:44:09,798

remember we do the live science show for

957

00:44:07,940 --> 00:44:11,838

school groups and may nod at one stage

958

00:44:09,798 --> 00:44:13,460

we'll be standing on my back as I lie

959

00:44:11,838 --> 00:44:17,000

down on a bed of nails playing the

960

00:44:13,460 --> 00:44:19,250

trombone much to the shock head delight

961

00:44:17,000 --> 00:44:22,608

of the school kids looking forward to

962

00:44:19,250 --> 00:44:24,710

that but also so many other great things

963

00:44:22,608 --> 00:44:28,940

to get involved with a science week and

964

00:44:24,710 --> 00:44:30,949

my friend Frankie Lee hi Frankie has let

965

00:44:28,940 --> 00:44:34,670

me know that over at the powerhouse

966

00:44:30,949 --> 00:44:37,308

museum on the 9th of August there's

967

00:44:34,670 --> 00:44:39,588

going to be a bead meet the scientists

968

00:44:37,309 --> 00:44:41,390

night this is where you get a roomful of

969

00:44:39,588 --> 00:44:44,150

scientists and then all sitting a little

970  
00:44:41,389 --> 00:44:45,588  
desk and you can sit down and chat with

971  
00:44:44,150 --> 00:44:47,480  
them for a minute or two and then move

972  
00:44:45,588 --> 00:44:49,099  
on and chat to the next scientists that

973  
00:44:47,480 --> 00:44:51,528  
should be a lot of fun I'll be there to

974  
00:44:49,099 --> 00:44:53,900  
interview some scientists myself and if

975  
00:44:51,528 --> 00:44:56,150  
you come along who knows I might

976  
00:44:53,900 --> 00:44:57,710  
interview you too I'll put a link in

977  
00:44:56,150 --> 00:45:01,010  
this week's show notes but if your head

978  
00:44:57,710 --> 00:45:03,230  
for Sydney science kaamdar a you I'm

979  
00:45:01,010 --> 00:45:05,660  
sure you can find out more now you would

980  
00:45:03,230 --> 00:45:07,400  
have heard more information about the

981  
00:45:05,659 --> 00:45:10,098  
upcoming Australian skeptics convention

982  
00:45:07,400 --> 00:45:12,079  
skeptic on in October 13th on the 14th

983  
00:45:10,099 --> 00:45:13,760  
and I would encourage you if you're

984  
00:45:12,079 --> 00:45:15,798  
coming along to that to buy your tickets

985  
00:45:13,760 --> 00:45:17,690  
now get in nice and early well it's not

986  
00:45:15,798 --> 00:45:19,940  
too early the conventions coming up

987  
00:45:17,690 --> 00:45:21,588  
quicker than you think if you are coming

988  
00:45:19,940 --> 00:45:24,200  
or even if you're not coming it would be

989  
00:45:21,588 --> 00:45:26,528  
a wonderful thing if you could help help

990  
00:45:24,199 --> 00:45:29,149  
us promote the event so tweet it

991  
00:45:26,528 --> 00:45:32,150  
Facebook and talk about it

992  
00:45:29,150 --> 00:45:34,849  
the link is convention skeptics calm

993  
00:45:32,150 --> 00:45:36,829  
today you lots of wonderful speakers

994  
00:45:34,849 --> 00:45:38,420  
some of whom you've heard we'll have

995  
00:45:36,829 --> 00:45:40,818  
more interviews with speakers coming up

996  
00:45:38,420 --> 00:45:43,068  
over the next weeks here on the sceptic

997  
00:45:40,818 --> 00:45:44,389  
zone it's going to be a lot of fun so if

998

00:45:43,068 --> 00:45:46,778  
you could tweet it Facebook at or

999  
00:45:44,389 --> 00:45:49,759  
whatever you can do it all helps the

1000  
00:45:46,778 --> 00:45:50,900  
convention on next week's show we're

1001  
00:45:49,760 --> 00:45:54,319  
going to be hearing about the New

1002  
00:45:50,900 --> 00:45:56,329  
Zealand skeptics convention coming up in

1003  
00:45:54,318 --> 00:45:57,769  
November this year

1004  
00:45:56,329 --> 00:45:59,869  
so we'll be catching up with Claire

1005  
00:45:57,769 --> 00:46:02,780  
Klingenberg who will be heading for

1006  
00:45:59,869 --> 00:46:05,329  
Scotland now there's a story and well

1007  
00:46:02,780 --> 00:46:07,610  
who knows what else it's always a bit of

1008  
00:46:05,329 --> 00:46:09,559  
a mystery but for now this is Richard

1009  
00:46:07,610 --> 00:46:16,010  
Saunders signing off from Sydney

1010  
00:46:09,559 --> 00:46:18,710  
Australia you've been listening to the

1011  
00:46:16,010 --> 00:46:25,370  
skeptic zone podcast please visit our

1012  
00:46:18,710 --> 00:46:28,190

website at wwlp.com tax and to access

1013

00:46:25,369 --> 00:46:31,789

the bat catalogue of episodes going back

1014

00:46:28,190 --> 00:46:35,420

to 2008 you can follow the skeptic zone

1015

00:46:31,789 --> 00:46:37,820

podcast on twitter at skeptic zone visit

1016

00:46:35,420 --> 00:46:38,710

our facebook page or leave a review on

1017

00:46:37,820 --> 00:46:41,390

itunes

1018

00:46:38,710 --> 00:46:44,780

you can also support the skeptic zone

1019

00:46:41,389 --> 00:46:47,500

via patreon or PayPal the skeptic zone

1020

00:46:44,780 --> 00:46:49,880

podcast is an independent production

1021

00:46:47,500 --> 00:46:52,010

reviews and opinions expressed on the

1022

00:46:49,880 --> 00:46:54,349

skeptic zone are not necessarily those

1023

00:46:52,010 --> 00:46:56,210

of Australian skeptics or any other

1024

00:46:54,349 --> 00:47:02,630

sceptical organisation

1025

00:46:56,210 --> 00:47:02,630

[Music]

1026

00:47:06,139 --> 00:47:16,739

now we oh hello yes it's more the

1027  
00:47:12,179 --> 00:47:20,149  
sceptic zone cat what do you want yes

1028  
00:47:16,739 --> 00:47:20,149  
it's a new microphone you want to see it

1029  
00:47:23,869 --> 00:47:27,679  
she wants her back scratched

1030  
00:47:42,768 --> 00:47:46,469  
and now you're going to get back to work

1031  
00:47:44,789 --> 00:47:48,650  
and do some sub editing on the sceptic

1032  
00:47:46,469 --> 00:47:48,649  
zone